JM Aerofoil 50 Hz

A Fläkt Woods Company

AIRTREND Limited
Predstavništvo u Beogradu
Kumanovska 14, 11000 Beograd
Tel: 011/3836886, 3085740
Faks: 011/3444113
e-mail: gobrid@eunet.rs
web: www.airtrend.rs

Woods

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INTRODUCTION

Air movement technology is a world of specialised knowledge and one in which Fläkt Woods are not just the specialists but one of the acknowledged leaders. Fläkt Woods extensive knowledge of designs and applications extends back over 90 years of experience as one of the world's largest manufacturers of fans and air moving equipment.

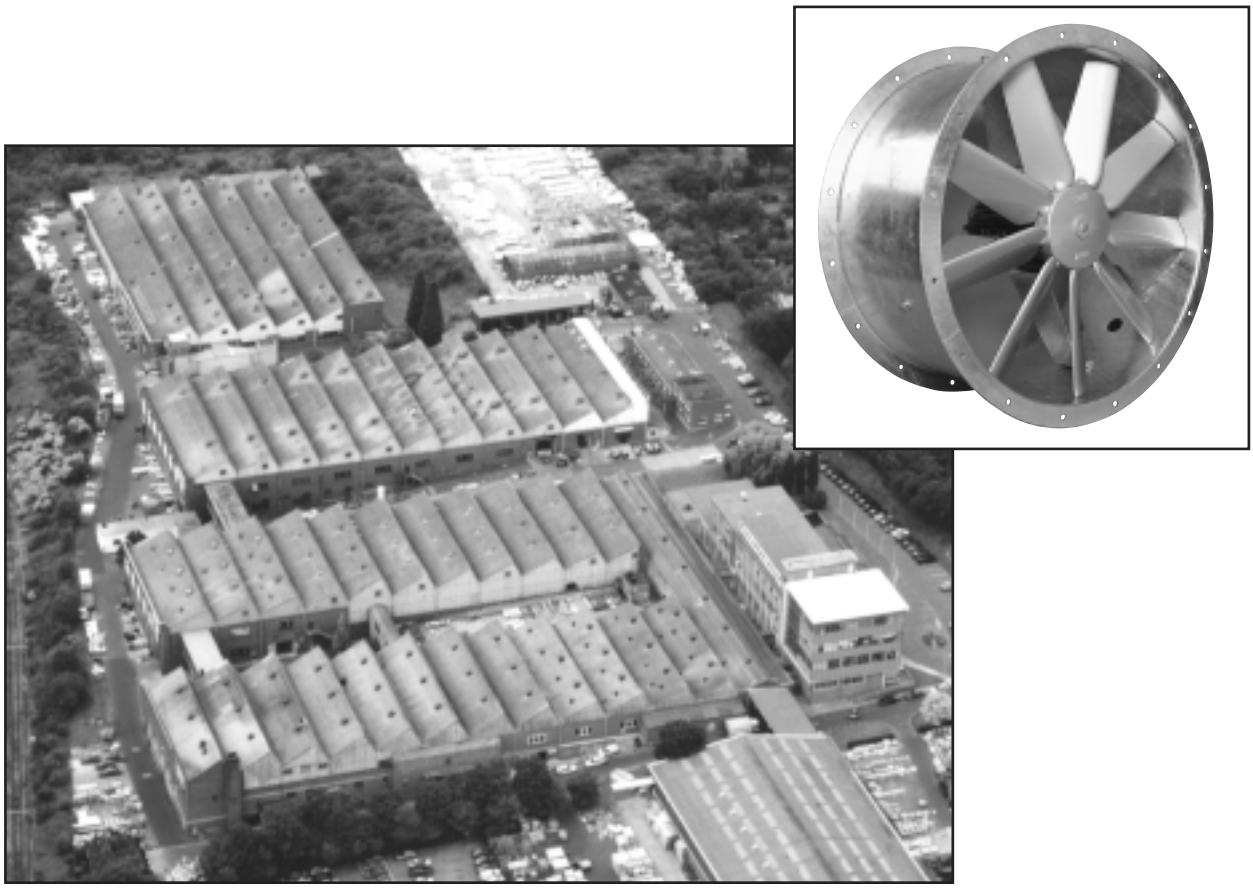
Based in Europe, Fläkt Woods have extensive laboratories that constantly develop new concepts and product ranges, enabling the group to maintain its market leadership. Fläkt Woods have subsidiary companies in 31countries world wide plus, a network of fully trained local staff in 70 different countries with intimate knowledge of local needs.

In fact Fläkt Woods products are marketed and installed in over 100 countries, with applications ranging from the world's largest engineering projects to the smallest cabinet cooling system.

Whatever the product size or cost it is Fläkt Woods policy to provide the highest quality at competitive prices, all backed by dedicated staff, fully trained to provide customer satisfaction.

Fläkt and Woods Air Movement Limited are BS EN ISO 9001:94 Registered Companies.

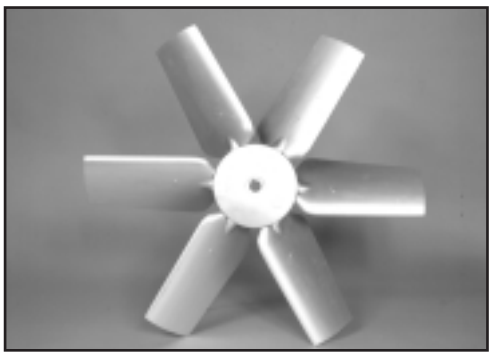
In line with the Company's strict adherence to the highest quality assurance standards, regular quality audits occur ensuring that the JM Aerofoil consistently meet the catalogue specifications, now independently endorsed by the Air Movement and Control Association International (AMCA).



INTRODUCTION

All Aluminium Precision Die-Cast Impeller

A unique high efficiency aerofoil section blade within a purposely smoothed hub and clamp-plate for adjustable pitch angle flexibility. The Woods impellers are all precision die-cast to offer thin aerofoil sections for low generation of noise levels. Every cast aluminium component is X-rayed using Real Time Radiography inspection prior to assembly. This feature can provide evidence of casting quality against product liability legislation if specified.



Fan Motors

All Woods JM range of fans incorporate an electrical power drive specifically designed to optimise fan performance, and minimise the obstruction to airflow.

Totally enclosed, pad mounted design to designation IP55, Class F insulation as standard. Directly coupled to the fan impeller to minimise drive losses. Overheat protection is included on single phase machines and available on others.

Testing

Performance data has been obtained in accordance with the internationally recognised standard - ISO5801:1997 installation category D (AMCA approved) for aerodynamic performance and BS 848 Part 2 (1985) for acoustic performance.

Fixings

All fixings are protected with an organically based zinc coating to provide excellent corrosion resistance.

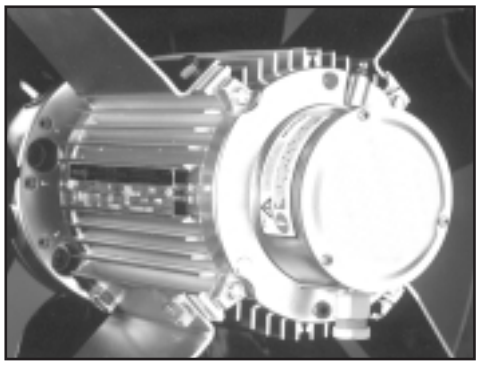
Arms

Mounting arms are specially designed to offer minimal resistance to airflow. These arms are carefully spaced away from the impeller to minimise noise generation.

The arms also improve the cooling of the motor, hence increasing motor performance and life. All arms are hot dipped galvanised after manufacture for maximum resistance to corrosion.

Casings

Available in either a long cased form complete with an externally mounted pre-wired electrical terminal box, or short cased for duct or plate installation. Casings are spun from sheet steel with integral pre-drilled flanges, fully welded seams and hot-dipped galvanised after manufacture for excellent durability.



SPECIFICATION

Motors

Constructed from aluminium up to frame size D160, cast iron above as standard with special "T" slot or pad mounted fixings.
Suitable for horizontal through to vertical shaft operation.
Supplied IP55, with removable drain plugs.
Bearings lubricated with wide temperature range grease, sealed for life.
Continuous operating range -40° C to +50° C, minimum starting temperature -20°C(for other operating temperatures please enquire).
Insulation class F as standard.
2 speed operation by Delta/Star (Δ/人) reconnection available on most three phase motor up to frame size F22.
Integral pre-wired capacitor on most single phase fans.
Ratings comply with BS5000 Part 99 and IEC 34-1.

Two speed motors available
Pole Change (PC) or Dahlander
Two speeds can be obtained by reconnecting a single winding via six winding terminals to give two separate pole numbers.
Dual Wound
This type of motor has two separate individual windings of the requisite poles to give the speeds required.

Electrical Supply

220-240 V 50 Hz single phase (1ϕ)
380-420 V 50 Hz three phase (3ϕ)
(60 Hz variants and other voltages are available on request).

Speed control can be provided by Fläkt Woods range of electronic and auto-transformer type speed controllers. Speed control details are based on the adoption of the more usual and technically superior three-wire circuit.
Refer to Colchester if two wire control is required. The single phase controller rating may be less than the full load current, as only the "U" phase voltage is varied.
Many of the regulatable, three phase motors may be offered for 2 speed applications by Delta/Star (Δ/人) reconnection.

Impellers

JM Aerofoil impellers have a unique aerodynamic section blade to optimise the efficiency of performance and minimise the generation of noise. The thin sections obtained by precision die cast manufacturing techniques help promote these particular features whilst also allowing a lighter weight assembly to be produced.
Precision die cast aluminium hub and clamp-plate, with equally spaced, fully adjustable, high pressure die cast aerofoil section blades.
All rotating aluminium components are X-ray examined prior to machining to assure quality.
Balanced to BS6861 Part 1 1987 (ISO 1940-1986) Grade G6.3. Corrosion resistant and suitable for continuous outside use from -40°C to +50°C, (for other operating temperatures please enquire).

Non-overloading

JM Aerofoil fans have a non-overloading characteristic; the peak power input occurs within the range of normal operating pressures and is always exceeded by the motor rating.

Ancillaries

Motor and Impeller side guards to comply with BS848 Pt 5., and draft ISO standard.
Choice of auto-transformer or electronic speed controllers.
2 speed switch for Delta/Star (Δ/人) reconnection, Silencers.
Mounting Feet for both horizontal or vertical operation.
Matching Flanges, Flexible Connectors.
Air Operated Dampers for horizontal or vertical up operation.
Bellmouth inlets. Vibration Isolators.
Control gear complete with BMS contacts available on request.

Finish

Fan casings, motor mounting arms, mounting feet, matching flanges and guards are all hot dipped galvanised after manufacture, (in accordance with BS EN ISO 1461:1999).
Motors, aluminium self finish,or painted to motor manufacturers specification.

SPECIFICATION

Reversal of Airflow

Fläkt Woods has developed the JM Aerofoil to give the optimum aerodynamic and acoustic performance. To optimise the performance Woods Air Movement used the latest design software to establish the blade shape and in particular the aerodynamic blade sections. The results of laboratory testing demonstrated world class aerodynamic and acoustic performance that is AMCA approved.

As part of our commitment to fan engineering and total quality Fläkt Woods have established the operational limits of the impellers in all circumstances. Under laboratory conditions Fläkt Woods have tested JM impellers when run forwards, and in reverse. By measuring the stresses on the impellers under these conditions, and relating these stresses to the properties of the alloys used for impeller construction, it is possible to determine the maximum speed of the impeller for reliable life long operation.

A further factor that must be considered in assessing the life of the impeller is the quality of the casting.

Extensive testing of the alloys we use has established relationships between life, operational stresses, and casting quality. Therefore to further ensure reliable operation of our impellers all alloy impeller castings are assessed using x-ray against rigorous acceptance criteria.

Since the stresses experienced in the reverse mode are generally higher than those in forward operation some impeller configurations are not suitable for applications that require continuous or regular reverse operation. Where this is the case we have highlighted the fact on each relevant performance chart within this catalogue. If these fans are required to be operated in reverse in other than cases of emergency, then each instance should be referred to the UK manufacturing plant for qualification or re-selection of impeller type.

All other impeller configurations can be safely operated in reverse. Reversal is obtained by interchanging electrical connections.

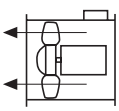
Forms of Running

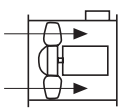
The direction of airflow through the fan and the fan mounting position are defined as the "Form of running".

On each chart is shown the standard Form(s) of running for that particular fan, when mounted horizontally. For vertical operation add suffix "U" for airflow up, or suffix "D" for airflow down.

The standard Form of running offered will be Form B. When an alternative is available: see chart information, please request when the fan is ordered. Form of running is especially relevant when weatherproofed motors are required.

Arrows indicating correct rotation and direction of airflow are incorporated in the duct nameplate.


Form A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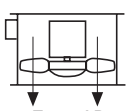
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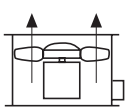
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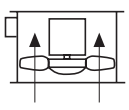
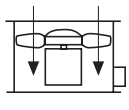

Form BU


Form BD

Test Methods

Testing

The air and sound performance data has been measured by the latest version of British and International Standards:-

ISO 5801:1997 method for testing air performance (dual numbered BS848 Pt1 1997).

BS848 Pt 2 1985, method of noise testing.

It is essential, when comparing fan performances, that the same installation category and test standards are used at all times.

Acoustic Data

The sound levels quoted are based on tests carried out under the Fläkt Woods certified laboratory conditions. Using the spectrum corrections stated on each performance chart, an unweighted sound power spectrum can be obtained for the fan.

Motor Ratings

The motor ratings, starting, full load currents and speeds refer to the maximum output of the motor. When the impeller does not require the full output, the power and current will be less than the maximum quoted.

QUALITY SYSTEMS

AMCA Certification

Fläkt Woods certifies that the JM Aerofoil shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

Quality Systems

Fläkt Woods is committed to Quality Assurance. Registration to BS EN ISO 9001.94, means that Fläkt Woods design is quality assured as well as the manufacture.

Our commitment to Quality Assurance doesn't stop with the hardware. The performance data comes from standard tests carried out in Fläkt Woods own laboratory which is British Standard and AMCA accredited. Those fans which are AMCA licensed for aerodynamic performance are identified by the AMCA Seal on the appropriate characteristic curve(s).

A JM Aerofoil fan can be bought with the confidence as with all Fläkt Woods products, that it will achieve the published performance data and match the assured quality. All JM Aerofoil fans are fitted with IP55 motors as standard, and come with a 2 year ex works warranty.

All fans as detailed in this publication can be supplied for a one off emergency operation at temperatures up to 200°C for 2 hours (H.T. Category 200/2). This facility is independently certified by the Loss Prevention Certification Board (LPCB), Certificate number 386a Issue 2. Certain fans can be supplied for a one off emergency operation at temperatures up to 400°C for 2 hours (H.T. Category 400/2 LPCB approved) Please refer to Publication JM/HT for details.

HOW TO SPECIFY

Specifying The Fan

Having chosen the fan most suitable for your individual application.
Please specify as follows:-

1. The fan shall be manufactured by Fläkt Woods model type JM Aerofoil long or short cased (L or S-type).

2. Motors, squirrel cage type, insulated to class F, bearings lubricated with wide temperature grease, keyed shaft. To comply with BS5000 Pt 99 and IEC 34-1. Weatherproof to IP55. (Overheat protection provided on most single phase motors).

3. Impellers, precision die cast aluminium hub and clamp-plate, with equally spaced, fully adjustable precision die cast Aerofoil section blades. All rotating aluminium components to be X-ray examined prior to machining to assure quality of castings.

4. Casings, either a long cased form complete with an externally mounted pre-wired electrical terminal box, or short cased for duct or plate installation. Casings are spun from sheet steel with integral pre-drilled flanges, fully welded seams and hot-dipped galvanised after manufacture for excellent durability.

5. Mounting Arms, manufactured from mild steel hot dipped galvanised after manufacture.

6. Performance shall be independantly approved by AMCA, and established in accordance with ISO5801:1997 installation category D, method of testing air performance and BS848 Pt 2 1985 method of noise testing.

7. Ancillaries as required.

Ordering The Fan

After identifying the best fan for your application please order as follows:-

1. Fan type: JM Aerofoil Long cased (L-type), or Short Cased (S-type) Form A or Form B.

2. Fan Code:
eg: 63JM/20/8/6/24
where: 63 denotes the Fan impeller diameter in centimetres.
JM denotes Fan Type.
/20 denotes impeller hub diameter in centimetres.
/8 denotes a nominal 8 pole speed.
/6 denotes the number of blades.
/24 denotes the Pitch Angle for the required duty.

3. Quantity required.

4. Duty required at standard air and temperature e.g. 1.60 m^3/s @ 50 Pa.

5. Motor. eg: CT5

6. Electrical Supply:
220-240 V / 50 Hz / 1ϕ
380-420 V / 50 Hz / 3ϕ

7. Ancillary items required.

Mounting Feet
Impeller and Motor Side Guards
Silencers with or without pod
Speed Controller (electronic or auto-transformer) or 2 speed swith type MDS3.10
Air Operated Dampers
Matching Flanges
Bellmouth Inlets
Flexible Connectors
Vibration Isolators

GUIDE TO FAN SELECTION
SELECTION EXAMPLE - TOTAL PRESSURE

There are two principle methods of expressing the pressure requirements, namely, P_F (Total) and P_{SF} (Static) pressure. The two types of pressure are related:

$P_F = P_{SF} + P_{dF}$ P_F = Fan Total pressure
P_{SF} = Fan Static pressure
P_{dF} = Fan Dynamic pressure

The international convention considers fan performance in terms of total pressure, but there is also established practice relating to the use of static pressure. For this reason Woods' selection charts are laid out on a total pressure major scale and include a secondary grid for static pressure. The facility to display fan performance in terms of static pressure is necessary in order to avoid total pressure fan selections being made based on static pressure system requirements.

The guide selections are made for either total or static pressures of 100Pa. The resulting selections are quite different and highlight the consequences of selecting static pressure from charts that only display performance in terms of total pressure.

Procedure - Total Pressure (P_F)

1. Guide to Chart Numbers of Possible Selections

The charts are arranged in order of fan diameter, starting at 315 mm, up to 1600 mm diameter, and in order of fan speed for each diameter, 3,5,6,9 & 12 bladed fan impellers as available.

NOTE: The chart numbers lead to a variety of fan sizes, impeller configurations and speeds. The fan selected from the alternatives available will depend on the most critical factor for the particular application - Volume Flow and Pressure required, Size, Power Consumption, Sound Level or First Cost.

2. Required Duty

Establish the volume flow and total pressure required of an individual fan at Standard Air (1.2 kg/m^3).

3. Selection on Individual Fan Charts

The data provided on each performance chart is specifically for ducted - Type D (ducted) installations for both long or short cased (S-type) fans. Providing reasonable Type D conditions are maintained in installation of the fans, no additional factors to volume flow or pressure need be incorporated for a suitable selection to be made.

Plot the duty on the selected fan charts to establish blade angle, sound level, absorbed power, motor size and rating, for the particular arrangement.

(D) Duty Point Required - @ Standard Air (1.2 kg/m^3). 0.55 m^3/s @ 100Pa **total** pressure.

(1) Volume Flow = 0.55 m^3/s

(2) Fan Total Pressure = 100 Pa

(3) Overall inlet Sound Power Level = 72 LW (interpolated from surrounding levels).

(4) Pitch Angle required to achieve Duty Point = 28°

(5) Corrections to overall Sound Power Level for 28° Pitch Angle. (Operating Point is **Below** shaded area)

		Frequency Hz							
		63	125	250	500	1K	2K	4K	8K
Sound Power Level	Inlet	65	67	64	65	60	54	51	45 L*w*
	Outlet	67	70	65	65	60	54	52	46 L*w*

(6) Absorbed Power @ Duty Point @ 28° Pitch Angle = 0.09 kW
Suitable Motor for fixed speed application, 3 phase supply, from motor schedules = BT4
Motor Data:
Motor Rating (kW) = 0.15
Full Load (A) = 0.5
Starting current (A) = 2.0

Speed Regulatable Versions

If a speed regulatable version is required, (or Delta/Star (Δ/Ƴ) reconnect on 3 phase versions) the duty volume flow required should be multiplied by 1.05 prior to fan selection being made.

JM AEROFOIL

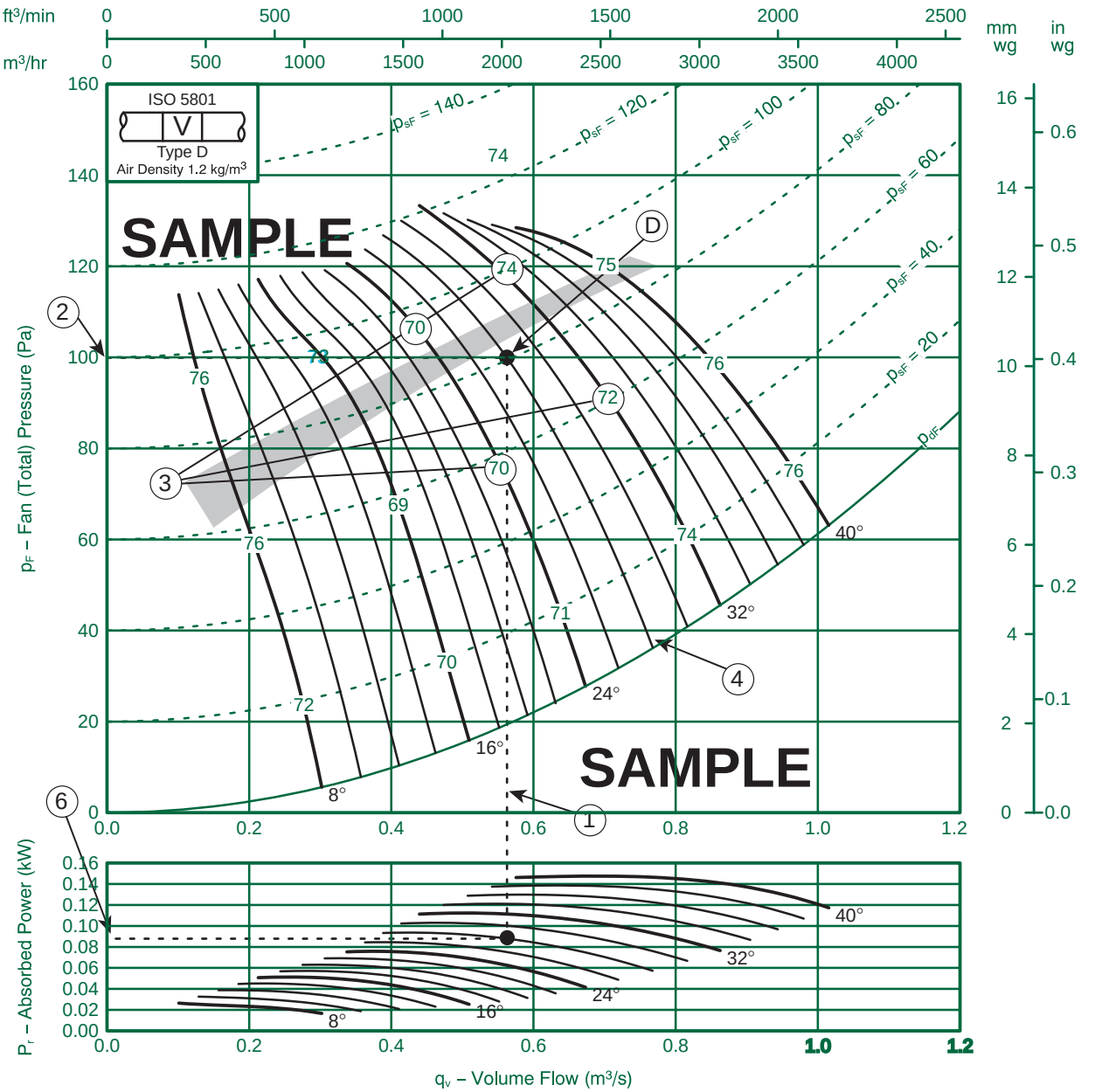
BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 35JM/16/4/5/...

355 mm 1420 rev/min 5 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

Performance shown is for installations type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances.



Sound Data BS848 Part 2 1985:

Single figures on performance curves are overall inlet sound power levels, derived from measurements taken in Woods laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall level.Use upper corrections when operating point is above shaded area, or lower corrections when operating point is below shaded area.

Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	-9 -14	-7 -10	-5 -7	-5 -3	-13 -10	-20 -16	-27 -22	-35 -31	8	-6 -12	-5 -8	-4 -7	-5 -3	-13 -9	-20 -16	-27 -20	-35 -29
16	-12 -10	-6 -6	-6 -7	-5 -6	-13 -9	-15 -12	-21 -17	-27 -24	16	-10 -9	-3 -3	-6 -6	-5 -6	-12 -9	-14 -12	-21 -17	-27 -24
24 - 40	-5 -7	-6 -5	-7 -8	-8 -7	-14 -12	-18 -16	-23 -21	-28 -27	24 - 40	-3 -5	-5 -2	-7 -7	-7 -7	-13 -12	-17 -16	-21 -20	-26 -26

GUIDE TO FAN SELECTION
SELECTION EXAMPLE - STATIC PRESSURE

There are two principle methods of expressing the pressure requirements, namely, P_F (Total) and P_{SF} (Static) pressure. The two types of pressure are related:

$P_F = P_{SF} + P_{dF}$ P_F = Fan Total pressure
P_{SF} = Fan Static pressure
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The international convention considers fan performance in terms of total pressure, but there is also established practice relating to the use of static pressure. For this reason Woods' selection charts are laid out on a total pressure major scale and include a secondary grid for static pressure. The facility to display fan performance in terms of static pressure is necessary in order to avoid total pressure fan selections being made based on static pressure system requirements.

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Procedure - Ststic Pressure (P_F)

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The charts are arranged in order of fan diameter, starting at 315 mm, up to 1600 mm diameter, and in order of fan speed for each diameter, 3,5,6,9 & 12 bladed fan impellers as available.

NOTE: The chart numbers lead to a variety of fan sizes, impeller configurations and speeds. The fan selected from the alternatives available will depend on the most critical factor for the particular application - Volume Flow and Pressure required, Size, Power Consumption, Sound Level or First Cost.

2. Required Duty

Establish the volume flow and total pressure required of an individual fan at Standard Air (1.2 kg/m^3).

3. Selection on Individual Fan Charts

The data provided on each performance chart is specifically for ducted - Type D (ducted) installations for both long or short cased (S-type) fans. Providing reasonable Type D conditions are maintained in installation of the fans, no additional factors to volume flow or pressure need be incorporated for a suitable selection to be made.

Plot the duty on the selected fan charts to establish blade angle, sound level, absorbed power, motor size and rating, for the particular arrangement.

(D) Duty Point Required - @ Standard Air (1.2 kg/m^3). 0.55 m^3/s @ 100Pa **static** pressure.

(1) Volume Flow = 0.55 m^3/s

(2) Fan Total Pressure = 100 Pa

(3) Overall inlet Sound Power Level = 74 LW (interpolated from surrounding levels).

(4) Pitch Angle required to achieve Duty Point = 32°

(5) Corrections to overall Sound Power Level for 32° Pitch Angle. (Operating Point is **above** shaded area)

		Frequency Hz							
		63	125	250	500	1K	2K	4K	8K
Sound Power Level	Inlet	69	68	67	66	60	56	51	46 L*w*
	Outlet	71	69	67	67	61	57	53	48 L*w*

(6) Absorbed Power @ Duty Point @ 32° Pitch Angle = 0.11 kW
Suitable Motor for fixed speed application, 3 phase supply, from motor schedules = BT4
Motor Data:
Motor Rating (kW) = 0.15
Full Load (A) = 0.5
Starting current (A) = 2.0

Speed Regulatable Versions

If a speed regulatable version is required, (or Delta/Star (Δ/人) reconnect on 3 phase versions) the duty volume flow required should be multiplied by 1.05 prior to fan selection being made.

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 35JM/16/4/5/...

355 mm 1420 rev/min 5 Blades 50 Hz

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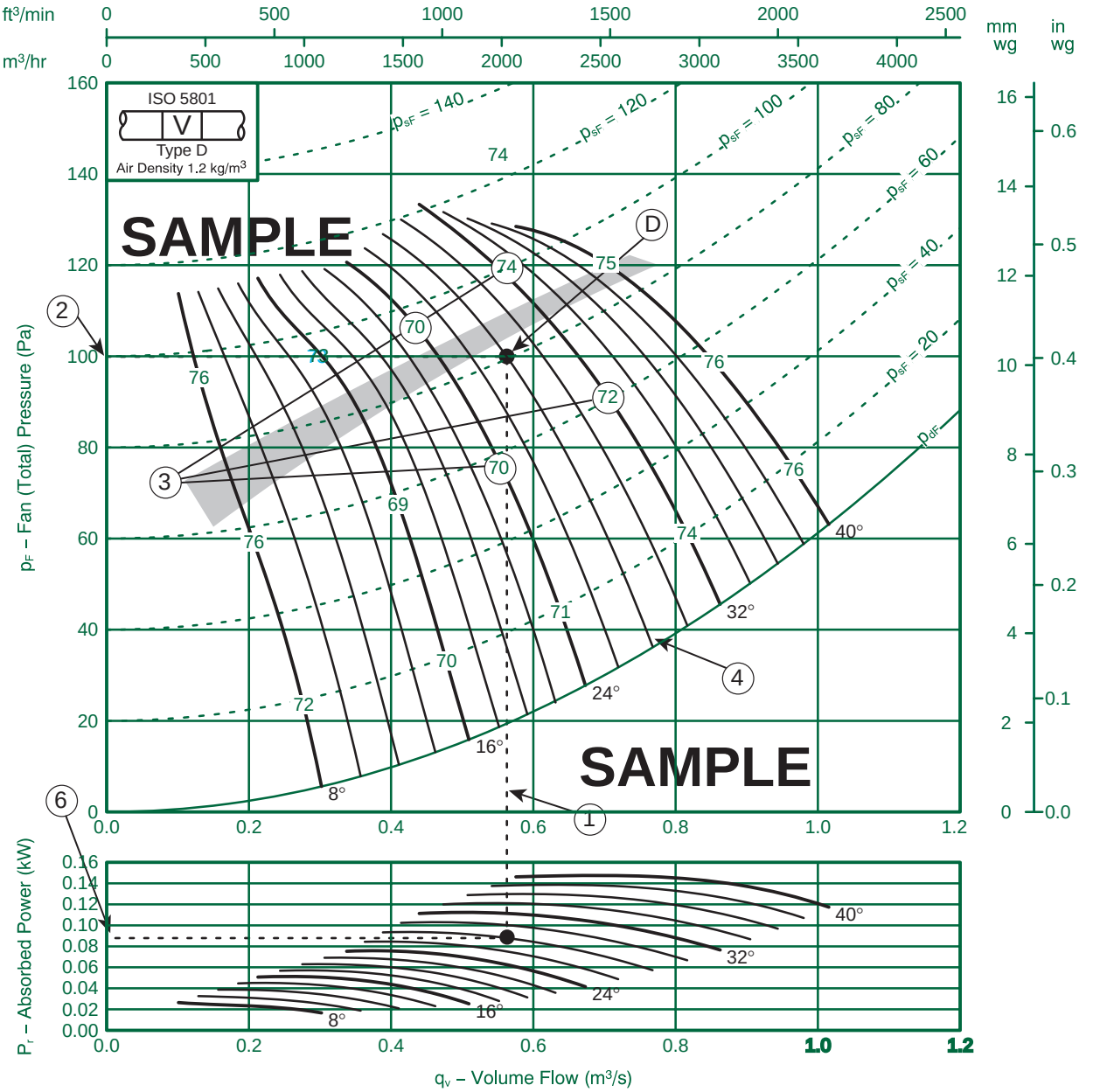

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8	-9 -14	-7 -10	-5 -7	-5 -3	-13 -10	-20 -16	-27 -22	-35 -31	8	-6 -12	-5 -8	-4 -7	-5 -3	-13 -9	-20 -16	-27 -20	-35 -29
16	-12 -10	-6 -6	-6 -7	-5 -6	-13 -9	-15 -12	-21 -17	-27 -24	16	-10 -9	-3 -3	-6 -6	-5 -6	-12 -9	-14 -12	-21 -17	-27 -24
24 - 40	-5 -7	-6 -5	-7 -8	-8 -7	-14 -12	-18 -16	-23 -21	-28 -27	24 - 40	-3 -5	-5 -2	-7 -7	-7 -7	-13 -12	-17 -16	-21 -20	-26 -26

JM AEROFOIL

Motor Frame Size Schedules

220-240 V / 50 Hz / 1 ϕ

Code	Speed rev/min	Pitch Angle Range (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø	Capacitor µf	Speed Regulation Details		
										Pitch Angle Range (°)	Speed Controller	
											Electronic	Auto-Transformer
31JM/16/6/5/...	900	16-40	BT5	0.04	0.5	0.7	44	0.91	2			
		22-40	BT5	0.04	0.5	0.7	44	0.91	2	22-40	ME1.1	MT1.1
31JM/16/4/5/...	1420	12-36	BT5	0.07	0.6	1.8	60	0.92	4			
		24-38	BT5	0.07	0.6	1.8	60	0.92	4	24-38	ME1.1	MT1.1
31JM/16/2/5/...	2840	8-14	BT5	0.2	1.5	4	63	0.95	10			
		18-20	BT5	0.3	2.1	5	64	0.95	15			
		26-32	BT9	0.5	3.3	9	68	0.98	20			
		36-40	CT5	0.75	4.9	8.5	71	0.93	20			
35JM/16/6/5/...	900	12-40	BT5	0.04	0.5	0.7	44	0.91	2	12-40	ME1.1	MT1.1
35JM/16/4/5/...	1420	8-22	BT5	0.07	0.6	1.8	60	0.92	4			
		16-24	BT5	0.07	0.6	1.8	60	0.92	4	16-24	ME1.1	MT1.1
		28-40	BT4	0.13	1	2	58	0.95	6	28-40	ME1.1	MT1.1
35JM/16/2/5/...	2840	10-12	BT5	0.3	2.1	5	64	0.95	15			
		16-20	BT9	0.5	3.3	9	68	0.98	20			
		24-28	CT5	0.75	4.9	8.5	71	0.93	20			
		32-34	CT5	1	5.9	11.5	74	0.99	30			
		36-40	CT9	1.4	8.3	27	74	0.99	50			
40JM/16/6/5/...	900	8-28	BT5	0.04	0.5	0.7	44	0.91	2	8-28	ME1.1	MT1.1
		32-40	BT5	0.09	0.8	1.6	50	0.95	5	32-40	ME1.1	MT1.1
40JM/16/4/5/...	1420	10-12	BT5	0.07	0.6	1.8	60	0.92	4	10-12	ME1.1	MT1.1
		18-24	BT4	0.13	1	2	58	0.95	6	18-24	ME1.1	MT1.1
		26-28	BT5	0.16	1.2	2.7	62	0.95	5	26-28	ME1.3	MT1.5
		30-36	BT5	0.23	1.6	2.7	64	0.95	8			
		34-40	BT9	0.25	1.7	3.8	66	0.97	10	34-40	ME1.3	MT1.5
40JM/16/2/5/...	2840	10-10	BT9	0.5	3.3	9	68	0.98	20			
		14-16	CT5	0.75	4.9	8.5	71	0.93	20			
		20-22	CT5	1	5.9	11.5	74	0.99	30			
		24-28	CT9	1.4	8.3	27	74	0.99	50			
45JM/16/6/5/...	900	18-24	BT4	0.06	0.6	1	46	0.95	4	18-24	ME1.1	MT1.1
		22-34	BT5	0.09	0.8	1.6	50	0.95	5	22-34	ME1.1	MT1.1
		36-40	BT9	0.12	1.1	2.2	54	0.92	8	36-40	ME1.3	MT1.5
45JM/16/4/5/...	1420	10-14	BT4	0.13	1	2	58	0.95	6	10-14	ME1.1	MT1.1
		18-18	BT5	0.16	1.2	2.7	62	0.95	5	18-18	ME1.3	MT1.5
		22-22	BT5	0.2	1.5	2.7	62	0.95	8	22-22	ME1.3	MT1.5
		24-26	BT9	0.25	1.7	3.8	66	0.97	10	24-26	ME1.3	MT1.5
		24-30	BT9	0.3	2.1	5.3	65	0.95	10	24-30	ME1.3	MT1.5
		36-40	CT5	0.45	2.9	7	68	0.99	15	36-40	ME1.3	MT1.5
45JM/16/2/5/...	2840	8-10	CT5	0.75	4.9	8.5	71	0.93	20			
		12-14	CT5	1	5.9	11.5	74	0.99	30			
		16-18	CT9	1.4	8.3	27	74	0.99	50			
45JM/20/6/3/...	900	8-24	BT5	0.04	0.5	0.7	44	0.91	2	8-24	ME1.1	MT1.1
		24-34	BT4	0.06	0.6	1	46	0.95	4	24-34	ME1.1	MT1.1
		28-36	BT5	0.09	0.8	1.6	50	0.95	5	28-36	ME1.1	MT1.1
45JM/20/4/3/...	1420	10-12	BT5	0.07	0.6	1.8	60	0.92	4	10-12	ME1.1	MT1.1
		16-22	BT4	0.13	1	2	58	0.95	6	16-22	ME1.1	MT1.1
		24-26	BT5	0.16	1.2	2.7	62	0.95	5	24-26	ME1.3	MT1.5
		30-30	BT5	0.2	1.5	2.7	62	0.95	8	30-30	ME1.3	MT1.5
		32-36	BT9	0.25	1.7	3.8	66	0.97	10	32-36	ME1.3	MT1.5
45JM/20/2/3/...	2910	10-10	BT9	0.5	3.3	9	68	0.98	20			
		14-16	CT5	0.75	4.9	8.5	71	0.93	20			
		18-20	CT5	1	5.9	11.5	74	0.99	30			
		22-24	CT9	1.4	8.3	27	74	0.99	50			

Although motors are rated 220/240 V electrical supply capacitors should be rated µf x 450 V AC

JM AEROFOIL

Motor Frame Size Schedules

220-240 V / 50 Hz / 1 ϕ

Code	Speed rev/min	Pitch Angle Range (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø	Capacitor µf	Speed Regulation Details		
										Pitch Angle Range (°)	Speed Controller	
											Electronic	Auto-Transformer
45JM/20/6/6/...	900	16-24	BT4	0.06	0.6	1	46	0.95	4	16-24	ME1.1	MT1.1
		22-32	BT5	0.09	0.8	1.6	50	0.95	5	22-32	ME1.1	MT1.1
		34-40	BT9	0.12	1.1	2.2	54	0.92	8	34-40	ME1.3	MT1.5
45JM/20/4/6/...	1420	10-12	BT4	0.13	1	2	58	0.95	6	10-12	ME1.1	MT1.1
		16-16	BT5	0.16	1.2	2.7	62	0.95	5	16-16	ME1.3	MT1.5
		22-28	BT9	0.3	2.1	5.3	65	0.95	10	22-28	ME1.3	MT1.5
		34-40	CT5	0.45	2.9	7	68	0.99	15	34-40	ME1.3	MT1.5
45JM/20/2/6/...	2910	12-12	CT5	1	5.9	11.5	74	0.99	30			
		14-16	CT9	1.4	8.3	27	74	0.99	50			
50JM/16/6/5/...	915	16-22	BT5	0.09	0.8	1.6	50	0.95	5	16-22	ME1.1	MT1.1
		24-28	BT9	0.12	1.1	2.2	54	0.92	8	24-28	ME1.3	MT1.5
		30-32	BT9	0.14	1.2	2.8	54	0.92	8	30-32	ME1.3	MT1.5
		36-40	CT5	0.19	1.8	3	48	0.96	8	36-40	ME1.3	MT1.5
50JM/16/4/5/...	1420	14-14	BT5	0.2	1.5	2.7	62	0.95	8	14-14	ME1.3	MT1.5
		16-20	BT9	0.3	2.1	5.3	65	0.95	10	16-20	ME1.3	MT1.5
		26-28	CT5	0.45	2.9	7	68	0.99	15	26-28	ME1.3	MT1.5
		32-34	CT5	0.55	3.7	9.5	65	0.99	25	32-34	ME1.6	MT1.5
		38-40	CT9	0.68	4.2	11	76	0.96	25	38-40	ME1.6	MT1.5
50JM/20/6/3/...	915	18-24	BT4	0.06	0.6	1	46	0.95	4	18-24	ME1.1	MT1.1
		22-32	BT5	0.09	0.8	1.6	50	0.95	5	22-32	ME1.1	MT1.1
		34-36	BT9	0.12	1.1	2.2	54	0.92	8	34-36	ME1.3	MT1.5
50JM/20/4/3/...	1420	12-14	BT4	0.13	1	2	58	0.95	6	12-14	ME1.1	MT1.1
		16-18	BT5	0.16	1.2	2.7	62	0.95	5	16-18	ME1.3	MT1.5
		24-30	BT9	0.3	2.1	5.3	65	0.95	10	24-30	ME1.3	MT1.5
		34-36	CT5	0.45	2.9	7	68	0.99	15	34-36	ME1.3	MT1.5
50JM/20/2/3/...	2910	12-12	CT5	1	5.9	11.5	74	0.99	30			
		14-16	CT9	1.4	8.3	27	74	0.99	50			
50JM/20/6/6/...	915	10-14	BT4	0.06	0.6	1	46	0.95	4	10-14	ME1.1	MT1.1
		14-22	BT5	0.09	0.8	1.6	50	0.95	5	14-22	ME1.1	MT1.1
		24-26	BT9	0.12	1.1	2.2	54	0.92	8	24-26	ME1.3	MT1.5
		28-30	BT9	0.14	1.2	2.8	54	0.92	8	28-30	ME1.3	MT1.5
		34-40	CT5	0.19	1.8	3	48	0.96	8	34-40	ME1.3	MT1.5
50JM/20/4/6/...	1420	14-16	BT9	0.25	1.7	3.8	66	0.97	10	14-16	ME1.3	MT1.5
		16-20	BT9	0.3	2.1	5.3	65	0.95	10	16-20	ME1.3	MT1.5
		24-26	CT5	0.45	2.9	7	68	0.99	15	24-26	ME1.3	MT1.5
		30-32	CT5	0.55	3.7	9.5	65	0.99	25	30-32	ME1.6	MT1.5
		36-38	CT9	0.68	4.2	11	76	0.96	25	36-38	ME1.6	MT1.5
		38-40	CT9	0.97	6.2	19	72	0.95	40	38-40	ME1.12	MT1.8
56JM/16/6/5/...	900	8-14	BT5	0.09	0.8	1.6	50	0.95	5	8-14	ME1.1	MT1.1
		20-22	BT9	0.14	1.2	2.8	54	0.92	8	20-22	ME1.3	MT1.5
		24-28	CT5	0.19	1.8	3	48	0.96	8	24-28	ME1.3	MT1.5
		32-34	CT5	0.24	2.1	4	51	0.98	12	32-34	ME1.3	MT1.5
		38-40	CT5	0.3	2.4	4	56	0.98	15	38-40	ME1.3	MT1.5
56JM/16/4/5/...	1420	10-12	BT9	0.3	2.1	5.3	65	0.95	10	10-12	ME1.3	MT1.5
		16-18	CT5	0.45	2.9	7	68	0.99	15	16-18	ME1.3	MT1.5
		22-22	CT5	0.55	3.7	9.5	65	0.99	25	22-22	ME1.6	MT1.5
		24-26	CT9	0.7	5	15	64	0.96	40	24-26	ME1.6	MT1.8
		28-32	CT9	0.97	6.2	19	72	0.95	40	28-32	ME1.12	MT1.8
		36-38	CT9	1.1	7.2	23	70	0.95	50	36-38	N/A	MT1.12
56JM/20/6/3/...	900	12-16	BT4	0.06	0.6	1	46	0.95	4	12-16	ME1.1	MT1.1
		16-22	BT5	0.09	0.8	1.6	50	0.95	5	16-22	ME1.1	MT1.1
		24-28	BT9	0.12	1.1	2.2	54	0.92	8	24-28	ME1.3	MT1.5
		30-30	BT9	0.14	1.2	2.8	54	0.92	8	30-30	ME1.3	MT1.5
		34-36	CT5	0.19	1.8	3	48	0.96	8	34-36	ME1.3	MT1.5

Although motors are rated 220/240 V electrical supply capacitors should be rated µf x 450 V AC

JM AEROFOIL

Motor Frame Size Schedules

220-240 V / 50 Hz / 1 ϕ

Code	Speed rev/min	Pitch Angle Range (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø	Capacitor µf	Speed Regulation Details: Pitch Angle Range (°)	Speed Regulation Details: Speed Controller: Electronic	Speed Regulation Details: Speed Controller: Auto-Transformer
56JM/20/4/3/...	1420	14-14	BT5	0.2	1.5	2.7	62	0.95	8	14-14	ME1.3	MT1.5
		16-20	BT9	0.3	2.1	5.3	65	0.95	10	16-20	ME1.3	MT1.5
		26-28	CT5	0.45	2.9	7	68	0.99	15	26-28	ME1.3	MT1.5
		30-32	CT5	0.55	3.7	9.5	65	0.99	25	30-32	ME1.6	MT1.5
		34-36	CT9	0.68	4.2	11	76	0.96	25	34-36	ME1.6	MT1.5
56JM/20/2/3/...	2910	14-18	F2225	2.7	14	50	84	0.98	90			
56JM/20/6/6/...	900	8-12	BT5	0.09	0.8	1.6	50	0.95	5	8-12	ME1.1	MT1.1
		16-18	BT9	0.12	1.1	2.2	54	0.92	8	16-18	ME1.3	MT1.5
		20-20	BT9	0.14	1.2	2.8	54	0.92	8	20-20	ME1.3	MT1.5
		24-26	CT5	0.19	1.8	3	48	0.96	8	24-26	ME1.3	MT1.5
		30-32	CT5	0.24	2.1	4	51	0.98	12	30-32	ME1.3	MT1.5
		36-38	CT5	0.3	2.4	4	56	0.98	15	36-38	ME1.3	MT1.5
56JM/20/4/6/...	1420	10-10	BT9	0.3	2.1	5.3	65	0.95	10	10-10	ME1.3	MT1.5
		16-18	CT5	0.45	2.9	7	68	0.99	15	16-18	ME1.3	MT1.5
		20-20	CT5	0.55	3.7	9.5	65	0.99	25	20-20	ME1.6	MT1.5
		22-26	CT9	0.7	5	15	64	0.96	40	22-26	ME1.6	MT1.8
		26-30	CT9	0.97	6.2	19	72	0.95	40	26-30	ME1.12	MT1.8
		34-36	CT9	1.1	7.2	23	70	0.95	50	34-36	N/A	MT1.12
63JM/20/6/3/...	900	8-10	BT5	0.09	0.8	1.6	50	0.95	5	8-10	ME1.1	MT1.1
		12-14	BT9	0.12	1.1	2.2	54	0.92	8	12-14	ME1.3	MT1.5
		16-16	BT9	0.14	1.2	2.8	54	0.92	8	16-16	ME1.3	MT1.5
		20-22	CT5	0.19	1.8	3	48	0.96	8	20-22	ME1.3	MT1.5
		26-26	CT5	0.24	2.1	4	51	0.98	12	26-26	ME1.3	MT1.5
		0-32	CT5	0.3	2.4	4	56	0.98	15	30-32	ME1.3	MT1.5
63JM/20/4/3/...	1420	14-14	CT5	0.45	2.9	7	68	0.99	15	14-14	ME1.3	MT1.5
		20-20	CT9	0.68	4.2	11	76	0.96	25	20-20	ME1.6	MT1.5
		20-22	CT9	0.7	5	15	64	0.96	40	20-22	ME1.6	MT1.8
		22-26	CT9	0.97	6.2	19	72	0.95	40	22-26	ME1.12	MT1.8
		28-30	CT9	1.1	7.2	23	70	0.95	50	28-30	N/A	MT1.12
63JM/20/6/6/...	900	12-14	CT5	0.19	1.8	3	48	0.96	8	12-14	ME1.3	MT1.5
		18-18	CT5	0.24	2.1	4	51	0.98	12	18-18	ME1.3	MT1.5
		22-22	CT5	0.3	2.4	4	56	0.98	15	22-22	ME1.3	MT1.5
		28-30	CT9	0.43	3.3	7.5	59	0.96	15	28-30	ME1.6	MT1.5
		34-34	CT9	0.52	4	9.2	59	0.95	20	34-34	ME1.6	MT1.8
63JM/20/4/6/...	1420	12-12	CT9	0.7	5	15	64	0.96	40	12-12	ME1.6	MT1.8
		14-16	CT9	0.97	6.2	19	72	0.95	40	14-16	ME1.12	MT1.8
		20-22	CT9	1.1	7.2	23	70	0.95	50	20-22	N/A	MT1.12
71JM/20/6/3/...	900	12-12	CT5	0.19	1.8	3	48	0.96	8	12-12	ME1.3	MT1.5
		16-18	CT5	0.24	2.1	4	51	0.98	12	16-18	ME1.3	MT1.5
		20-22	CT5	0.3	2.4	4	56	0.98	15	20-22	ME1.3	MT1.5
		26-28	CT9	0.43	3.3	7.5	59	0.96	15	26-28	ME1.6	MT1.5
		32-32	CT9	0.52	4	9.2	59	0.95	20	32-32	ME1.6	MT1.8
71JM/20/4/3/...	1440	12-12	CT9	0.7	5	15	64	0.96	40	12-12	ME1.6	MT1.8
		14-16	CT9	0.97	6.2	19	72	0.95	40	14-16	ME1.12	MT1.8
		20-20	CT9	1.1	7.2	23	70	0.95	50	20-20	N/A	MT1.12
71JM/20/6/6/...	900	12-12	CT5	0.3	2.4	4	56	0.98	15	12-12	ME1.3	MT1.5
		18-18	CT9	0.43	3.3	7.5	59	0.96	15	18-18	ME1.6	MT1.5
		22-22	CT9	0.52	4	9.2	59	0.95	20	22-22	ME1.6	MT1.8
80JM/20/6/3/...	935	14-14	CT5	0.3	2.4	4	56	0.98	15	14-14	ME1.3	MT1.5
		18-20	CT9	0.43	3.3	7.5	59	0.96	15	18-20	ME1.6	MT1.5

Although motors are rated 220/240 V electrical supply capacitors should be rated µf x 450 V AC

JM AEROFOIL

Motor Frame Size Schedules

380-420 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Pitch Angle Range (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø	Speed Regulation Details		
									Pitch Angle Range (°)	Speed Controller	
										Electronic	Auto-Transformer
31JM/16/6/5/...	900	40	BT4	0.06	0.3	0.8	46	0.6	NR at this angle		
31JM/16/4/5/...	1420	40	BT4	0.13	0.5	1.8	58	0.7	34-40	ME3.5S	MT3.0.5
31JM/16/2/5/...	2840	24	BT5	0.35	0.9	3.6	66	0.85			
		36	BT9	0.58	1.4	6	71	0.85			
		40	CT5	0.95	2	9.5	75	0.9			
35JM/16/6/5/...	900	40	BT4	0.06	0.3	0.8	46	0.6	28-40	ME3.5S	MT3.0.5
35JM/16/4/5/...	1420	40	BT4	0.13	0.5	1.8	58	0.7	22-40	ME3.5S	MT3.0.5
35JM/16/2/5/...	2840	14	BT5	0.35	0.9	3.6	66	0.85			
		22	BT9	0.58	1.4	6	71	0.85			
		34	CT5	0.95	2	9.5	75	0.9			
		40	CT9	1.7	3.5	20	78	0.9			
40JM/16/6/5/...	900	38	BT4	0.06	0.3	0.8	46	0.6	18-38	ME3.5S	MT3.0.5
		40	BT5	0.09	0.5	1.2	50	0.58	36-40	ME3.2D	MT3.0.5
40JM/16/4/5/...	1420	24	BT4	0.13	0.5	1.8	58	0.7	14-24	ME3.5S	MT3.0.5
		34	BT5	0.2	0.7	2.4	62	0.7	26-34	ME3.2D	MT3.1
		40	BT9	0.3	0.9	4.6	65	0.75	36-40	ME3.2D	MT3.1
40JM/16/2/5/...	2840	12	BT9	0.58	1.4	6	71	0.85			
		20	CT5	0.95	2	9.5	75	0.9			
		32	CT9	1.7	3.5	20	78	0.9			
45JM/16/6/5/...	900	24	BT4	0.06	0.3	0.8	46	0.6	10-24	ME3.5S	MT3.0.5
		34	BT5	0.09	0.5	1.2	50	0.58	26-34	ME3.2D	MT3.0.5
		40	BT9	0.14	0.6	1.8	54	0.66	36-40	ME3.2D	MT3.1
45JM/16/4/5/...	1420	14	BT4	0.13	0.5	1.8	58	0.7	8-14	ME3.5S	MT3.0.5
		22	BT5	0.2	0.7	2.4	62	0.7	16-22	ME3.2D	MT3.1
		30	BT9	0.3	0.9	4.6	65	0.75	24-30	ME3.2D	MT3.1
		40	CT5	0.58	1.7	6.5	67	0.74	40-40	ME3.2D	MT3.2
45JM/16/2/5/...	2840	12	CT5	0.95	2	9.5	75	0.9			
		20	CT9	1.7	3.5	20	78	0.9			
45JM/20/6/3/...	900	34	BT4	0.06	0.3	0.8	46	0.6	16-34	ME3.5S	MT3.0.5
		36	BT5	0.09	0.5	1.2	50	0.58	32-36	ME3.2D	MT3.0.5
45JM/20/4/3/...	1420	22	BT4	0.13	0.5	1.8	58	0.7	12-22	ME3.5S	MT3.0.5
		30	BT5	0.2	0.7	2.4	62	0.7	22-30	ME3.2D	MT3.1
		36	BT9	0.3	0.9	4.6	65	0.75	32-36	ME3.2D	MT3.1
45JM/20/2/3/...	2910	12	BT9	0.58	1.4	6	71	0.85			
		18	CT5	0.95	2	9.5	75	0.9			
		28	CT9	1.7	3.5	20	78	0.9			
		36	F2225	3.8	7.2	64	88	0.87			
45JM/20/6/6/...	900	24	BT4	0.06	0.3	0.8	46	0.6	10-24	ME3.5S	MT3.0.5
		32	BT5	0.09	0.5	1.2	50	0.58	26-32	ME3.2D	MT3.0.5
		40	BT9	0.14	0.6	1.8	54	0.66	34-40	ME3.2D	MT3.1
45JM/20/4/6/...	1420	12	BT4	0.13	0.5	1.8	58	0.7	8-12	ME3.5S	MT3.0.5
		20	BT5	0.2	0.7	2.4	62	0.7	14-20	ME3.2D	MT3.1
		28	BT9	0.3	0.9	4.6	65	0.75	22-28	ME3.2D	MT3.1
		40	CT5	0.58	1.7	6.5	67	0.74	38-40	ME3.2D	MT3.2

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380-420 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Pitch Angle Range (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø	Speed Regulation Details		
									Pitch Angle Range (°)	Speed Controller	
										Electronic	Auto-Transformer
45JM/20/2/6/...	2910	12	CT5	0.95	2	9.5	75	0.9			
		20	CT9	1.7	3.5	20	78	0.9			
		36	F2225	3.8	7.2	64	88	0.87			
		40	PM112	6.2	11.6	100	88	0.87			
50JM/16/6/5/...	915	16	BT4	0.06	0.3	0.8	46	0.6	8-16	ME3.5S	MT3.0.5
		22	BT5	0.09	0.5	1.2	50	0.58	18-22	ME3.2D	MT3.0.5
		32	BT9	0.14	0.6	1.8	54	0.66	24-32	ME3.2D	MT3.1
		40	CT5	0.22	0.8	2.5	55	0.7	36-40	ME3.2D	MT3.1
50JM/16/4/5/...	1420	14	BT5	0.2	0.7	2.4	62	0.7	10-14	ME3.2D	MT3.1
		20	BT9	0.3	0.9	4.6	65	0.75	16-20	ME3.2D	MT3.1
		34	CT5	0.58	1.7	6.5	67	0.74	28-34	ME3.2D	MT3.2
		40	CT9	0.9	2.3	9	72	0.78	36-40	ME3.2D	MT3.2
50JM/20/6/3/...	915	24	BT4	0.06	0.3	0.8	46	0.6	10-24	ME3.5S	MT3.0.5
		32	BT5	0.09	0.5	1.2	50	0.58	26-32	ME3.2D	MT3.0.5
		36	BT9	0.14	0.6	1.8	54	0.66	34-36	ME3.2D	MT3.1
50JM/20/4/3/...	1420	14	BT4	0.13	0.5	1.8	58	0.7	8-14	ME3.5S	MT3.0.5
		22	BT5	0.2	0.7	2.4	62	0.7	16-22	ME3.2D	MT3.1
		30	BT9	0.3	0.9	4.6	65	0.75	24-30	ME3.2D	MT3.1
		36	CT5	0.58	1.7	6.5	67	0.74	36-36	ME3.2D	MT3.2
50JM/20/2/3/...	2910	12	CT5	0.95	2	9.5	75	0.9			
		20	CT9	1.7	3.5	20	78	0.9			
		34	F2225	3.8	7.2	64	88	0.87			
		36	PM112	6.2	11.6	100	88	0.87			
50JM/20/6/6/...	915	14	BT4	0.06	0.3	0.8	46	0.6	8-14	ME3.5S	MT3.0.5
		22	BT5	0.09	0.5	1.2	50	0.58	18-22	ME3.2D	MT3.0.5
		30	BT9	0.14	0.6	1.8	54	0.66	24-30	ME3.2D	MT3.1
		40	CT5	0.22	0.8	2.5	55	0.7	34-40	ME3.2D	MT3.1
50JM/20/4/6/...	1420	12	BT5	0.2	0.7	2.4	62	0.7	10-12	ME3.2D	MT3.1
		20	BT9	0.3	0.9	4.6	65	0.75	16-20	ME3.2D	MT3.1
		24	BT9	0.39	1.1	4.6	67	0.75			
		32	CT5	0.58	1.7	6.5	67	0.74	26-32	ME3.2D	MT3.2
		36	CT5	0.71	1.9	6.5	71	0.75			
		40	CT9	0.9	2.3	9	72	0.78	34-40	ME3.2D	MT3.2
50JM/20/2/6/...	2910	12	CT9	1.7	3.5	20	78	0.9			
		24	F2225	3.8	7.2	64	88	0.87			
		34	PM112	6.2	11.6	100	88	0.87			
56JM/16/8/5/...	680	12	BT5	0.032	0.2	0.4	34	0.57	10-12	ME3.5S	MT3.0.5
		24	BT5	0.065	0.5	0.8	34	0.57	20-24	ME3.5S	MT3.0.5
		32	BT9	0.09	0.5	0.9	42	0.57	26-32	ME3.2D	MT3.1
		40	CT5	0.13	0.7	1.5	47	0.6	34-40	ME3.2D	MT3.1
56JM/16/6/5/...	900	14	BT5	0.09	0.5	1.2	50	0.58	10-14	ME3.2D	MT3.0.5
		22	BT9	0.14	0.6	1.8	54	0.66	16-22	ME3.2D	MT3.1
		32	CT5	0.22	0.8	2.5	55	0.7	24-32	ME3.2D	MT3.1
		40	CT5	0.3	1.1	3.3	56	0.7	34-40	ME3.2D	MT3.2
56JM/16/4/5/...	1420	12	BT9	0.3	0.9	4.6	65	0.75	10-12	ME3.2D	MT3.1
		24	CT5	0.58	1.7	6.5	67	0.74	18-24	ME3.2D	MT3.2
		32	CT9	0.9	2.3	9	72	0.78	26-32	ME3.2D	MT3.2
		40	CT9	1.15	3	14	71	0.78	34-40	ME3.2D	N/A
56JM/20/6/3/...	900	16	BT4	0.06	0.3	0.8	46	0.6	8-16	ME3.5S	MT3.0.5
		22	BT5	0.09	0.5	1.2	50	0.58	18-22	ME3.2D	MT3.0.5
		30	BT9	0.14	0.6	1.8	54	0.66	24-30	ME3.2D	MT3.1
		36	CT5	0.22	0.8	2.5	55	0.7	34-36	ME3.2D	MT3.1

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Code	Speed rev/min	Pitch Angle Range (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø	Speed Regulation Details		
									Pitch Angle Range (°)	Speed Controller	
										Electronic	Auto-Transformer
56JM/20/4/3/...	1420	14	BT5	0.2	0.7	2.4	62	0.7	10-14	ME3.2D	MT3.1
		20	BT9	0.3	0.9	4.6	65	0.75	16-20	ME3.2D	MT3.1
		24	BT9	0.39	1.1	4.6	67	0.75			
		32	CT5	0.58	1.7	6.5	67	0.74	28-32	ME3.2D	MT3.2
		34	CT5	0.71	1.9	6.5	71	0.75			
		36	CT9	0.9	2.3	9	72	0.78	34-36	ME3.2D	MT3.2
56JM/20/2/3/...	2910	12	CT9	1.7	3.5	20	78	0.9			
		26	F2225	3.8	7.2	64	88	0.87			
		34	PM112	6.2	11.6	100	88	0.87			
56JM/20/6/6/...	900	12	BT5	0.09	0.5	1.2	50	0.58	10-12	ME3.2D	MT3.0.5
		20	BT9	0.14	0.6	1.8	54	0.66	16-20	ME3.2D	MT3.1
		30	CT5	0.22	0.8	2.5	55	0.7	24-30	ME3.2D	MT3.1
		38	CT5	0.3	1.1	3.3	56	0.7	32-38	ME3.2D	MT3.2
		40	CT9	0.4	1.5	5.3	66	0.6	40-40	ME3.2D	MT3.2
56JM/20/4/6/...	1420	10	BT9	0.3	0.9	4.6	65	0.75	10-10	ME3.2D	MT3.1
		14	BT9	0.39	1.1	4.6	67	0.75			
		22	CT5	0.58	1.7	6.5	67	0.74	18-22	ME3.2D	MT3.2
		24	CT5	0.71	1.9	6.5	71	0.75			
		30	CT9	0.9	2.3	9	72	0.78	24-30	ME3.2D	MT3.2
		36	CT9	1.15	3	14	71	0.78	32-36	ME3.2D	N/A
		40	CT9	1.4	3.5	14	74	0.77			
56JM/20/2/6/...	2910	16	F2225	3.8	7.2	64	88	0.87			
		24	PM112	6.2	11.6	100	88	0.87			
63JM/20/8/3/...	680	18	BT5	0.065	0.5	0.8	34	0.57	16-18	ME3.5S	MT3.0.5
		24	BT9	0.09	0.5	0.9	42	0.57	20-24	ME3.2D	MT3.1
		32	CT5	0.13	0.7	1.5	47	0.6	26-32	ME3.2D	MT3.1
		36	CT9	0.18	0.7	1.7	56	0.66	34-36	ME3.2D	MT3.1
63JM/20/6/3/...	900	10	BT5	0.09	0.5	1.2	50	0.58	8-10	ME3.2D	MT3.0.5
		16	BT9	0.14	0.6	1.8	54	0.66	12-16	ME3.2D	MT3.1
		26	CT5	0.22	0.8	2.5	55	0.7	20-26	ME3.2D	MT3.1
		32	CT5	0.3	1.1	3.3	56	0.7	28-32	ME3.2D	MT3.2
		36	CT9	0.4	1.5	5.3	66	0.6	34-36	ME3.2D	MT3.2
63JM/20/4/3/...	1420	18	CT5	0.58	1.7	6.5	67	0.74	14-18	ME3.2D	MT3.2
		20	CT5	0.71	1.9	6.5	71	0.75			
		26	CT9	0.9	2.3	9	72	0.78	20-26	ME3.2D	MT3.2
		30	CT9	1.15	3	14	71	0.78	28-30	ME3.2D	N/A
		34	CT9	1.4	3.5	14	74	0.77			
63JM/20/8/6/...	680	10	BT5	0.065	0.5	0.8	34	0.57	10-10	ME3.5S	MT3.0.5
		16	BT9	0.09	0.5	0.9	42	0.57	14-16	ME3.2D	MT3.1
		22	CT5	0.13	0.7	1.5	47	0.6	18-22	ME3.2D	MT3.1
		30	CT9	0.18	0.7	1.7	56	0.66	24-30	ME3.2D	MT3.1
		36	CT9	0.25	1.2	2.6	50	0.6	32-36	ME3.2D	MT3.2
63JM/20/6/6/...	900	8	BT9	0.14	0.6	1.8	54	0.66	8- 8	ME3.2D	MT3.1
		18	CT5	0.22	0.8	2.5	55	0.7	12-18	ME3.2D	MT3.1
		22	CT5	0.3	1.1	3.3	56	0.7	20-22	ME3.2D	MT3.2
		28	CT9	0.4	1.5	5.3	66	0.6	24-28	ME3.2D	MT3.2
		34	CT9	0.52	1.7	7.5	59	0.74	30-34	ME3.2D	MT3.2
63JM/20/4/6/...	1420	10	CT5	0.58	1.7	6.5	67	0.74	10-10	ME3.2D	MT3.2
		12	CT5	0.71	1.9	6.5	71	0.75			
		18	CT9	0.9	2.3	9	72	0.78	14-18	ME3.2D	MT3.2
		22	CT9	1.15	3	14	71	0.78	20-22	ME3.2D	N/A
		24	CT9	1.4	3.5	14	74	0.77			
		34	F2245	2.1	5	27	79	0.77			
		36	F2245	2.7	5.8	30	82	0.82			

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Code	Speed rev/min	Pitch Angle Range (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø	Speed Regulation Details		
									Pitch Angle Range (°)	Speed Controller	
										Electronic	Auto-Transformer
63JM/25/2/3/...	2910	16	F2225	3.8	7.2	64	88	0.87			
		22	PM112	6.2	11.6	100	88	0.87			
		30	132S	8.6	15.6	98.9	89	0.89			
		32	160M	13	23.1	163	89	0.89			
63JM/25/4/6/...	1440	36	F2245	2.1	5	27	79	0.77			
63JM/25/2/6/...	2910	10	F2225	3.8	7.2	64	88	0.87			
		16	PM112	6.2	11.6	100	88	0.87			
		20	132S	8.6	15.6	98.9	89	0.89			
		26	160M	13	23.1	163	89	0.89			
		34	160M	17	30.1	175	91	0.91			
		36	160L	21	36.1	263	92	0.92			
63JM/25/6/9/...	935	40	F2265	1.35	3.6	15	77	0.71			
63JM/25/4/9/...	1440	32	F2245	2.1	5	27	79	0.77			
		36	F2245	2.7	5.8	30	82	0.82			
		40	PM112	4.4	9.3	55	84	0.81			
63JM/25/2/9/...	2910	10	PM112	6.2	11.6	100	88	0.87			
		16	132S	8.6	15.6	98.9	89	0.89			
		22	160M	13	23.1	163	89	0.89			
		28	160M	17	30.1	175	91	0.91			
		32	160L	21	36.1	263	92	0.92			
71JM/20/8/3/...	680	22	CT5	0.13	0.7	1.5	47	0.6	18-22	ME3.2D	MT3.1
		36	CT9	0.25	1.2	2.6	50	0.6	30-36	ME3.2D	MT3.2
71JM/20/6/3/...	900	22	CT5	0.3	1.1	3.3	56	0.7	18-22	ME3.2D	MT3.2
		26	CT9	0.4	1.5	5.3	66	0.6	24-26	ME3.2D	MT3.2
		32	CT9	0.52	1.7	7.5	59	0.74	28-32	ME3.2D	MT3.2
		36	F2265	1.35	3.6	15	77	0.71			
71JM/20/4/3/...	1440	10	CT5	0.71	1.9	6.5	71	0.75			
		16	CT9	0.9	2.3	9	72	0.78	12-16	ME3.2D	MT3.2
		22	CT9	1.4	3.5	14	74	0.77			
		32	F2245	2.1	5	27	79	0.77			
		36	F2245	2.7	5.8	30	82	0.82			
71JM/20/8/6/...	680	12	CT5	0.13	0.7	1.5	47	0.6	10-12	ME3.2D	MT3.1
		24	CT9	0.25	1.2	2.6	50	0.6	20-24	ME3.2D	MT3.2
		36	F2265	0.65	2.4	8	64	0.62			
71JM/20/6/6/...	900	12	CT5	0.3	1.1	3.3	56	0.7	12-12	ME3.2D	MT3.2
		22	CT9	0.52	1.7	7.5	59	0.74	20-22	ME3.2D	MT3.2
		24	CT9	0.68	2.2	7.5	60	0.73			
		36	F2265	1.35	3.6	15	77	0.71			
71JM/20/4/6/...	1440	12	CT9	1.15	3	14	71	0.78	12-12	ME3.2D	N/A
		22	F2245	2.1	5	27	79	0.77			
		24	F2245	2.7	5.8	30	82	0.82			
		36	PM112	4.4	9.3	55	84	0.81			
71JM/25/4/3/...	1440	32	F2245	2.1	5	27	79	0.77			
71JM/25/8/6/...	695	36	F2265	0.4	1.5	5	63	0.61	30-36	ME3.2D	MT3.2
71JM/25/6/6/...	935	36	F2265	1.35	3.6	15	77	0.71			

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Code	Speed rev/min	Pitch Angle Range (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø	Speed Regulation Details		
									Pitch Angle Range (°)	Speed Controller	
										Electronic	Auto-Transformer
71JM/25/4/6/...	1440	26	F2245	2.1	5	27	79	0.77			
		28	F2245	2.7	5.8	30	82	0.82			
		36	PM112	4.4	9.3	55	84	0.81			
71JM/25/8/9/...	695	36	F2265	0.65	2.4	8	64	0.62			
71JM/25/6/9/...	935	36	F2265	1.35	3.6	15	77	0.71			
71JM/25/4/9/...	1440	18	F2245	2.1	5	27	79	0.77			
		22	F2245	2.7	5.8	30	82	0.82			
		32	PM112	4.4	9.3	55	84	0.81			
		36	132S	6.3	12.7	86	87	0.82			
71JM/31/2/9/...	2910	12	160M	13	23.1	163	89	0.89			
		16	160M	17	30.1	175	91	0.91			
		20	160L	21	36.1	263	92	0.92			
		24	180MA	25	44	313	93	0.89			
80JM/20/8/3/...	695	14	CT5	0.13	0.7	1.5	47	0.6	12-14	ME3.2D	MT3.1
		20	CT9	0.18	0.7	1.7	56	0.66	16-20	ME3.2D	MT3.1
		24	CT9	0.25	1.2	2.6	50	0.6	22-24	ME3.2D	MT3.2
		36	F2265	0.65	2.4	8	64	0.62			
80JM/20/6/3/...	935	14	CT5	0.3	1.1	3.3	56	0.7	12-14	ME3.2D	MT3.2
		22	CT9	0.52	1.7	7.5	59	0.74	20-22	ME3.2D	MT3.2
		36	F2265	1.35	3.6	15	77	0.71			
80JM/20/4/3/...	1440	12	CT9	1.15	3	14	71	0.78	12-12	ME3.2D	N/A
		14	CT9	1.4	3.5	14	74	0.77			
		22	F2245	2.1	5	27	79	0.77			
		24	F2245	2.7	5.8	30	82	0.82			
		36	PM112	4.4	9.3	55	84	0.81			
80JM/20/8/6/...	695	16	CT9	0.25	1.2	2.6	50	0.6	14-16	ME3.2D	MT3.2
		28	F2265	0.65	2.4	8	64	0.62			
		34	F2265	0.8	3	11	66	0.58			
80JM/20/6/6/...	935	12	CT9	0.52	1.7	7.5	59	0.74	12-12	ME3.2D	MT3.2
		14	CT9	0.68	2.2	7.5	60	0.73			
		26	F2265	1.35	3.6	15	77	0.71			
		28	F2265	1.55	4.1	17	76	0.72			
		36	F2269	2.1	5.7	24	77	0.69			
80JM/20/4/6/...	1440	12	F2245	2.1	5	27	79	0.77			
		16	F2245	2.7	5.8	30	82	0.82			
		24	PM112	4.4	9.3	55	84	0.81			
80JM/25/8/3/...	695	32	F2265	0.4	1.5	5	63	0.61	30-32	ME3.2D	MT3.2
80JM/25/6/3/...	935	32	F2265	1.35	3.6	15	77	0.71			
80JM/25/4/3/...	1440	26	F2245	2.1	5	27	79	0.77			
		30	F2245	2.7	5.8	30	82	0.82			
		32	PM112	4.4	9.3	55	84	0.81			
80JM/25/8/6/...	695	32	F2265	0.65	2.4	8	64	0.62			
		36	F2265	0.8	3	11	66	0.58			
80JM/25/6/6/...	935	30	F2265	1.35	3.6	15	77	0.71			
		32	F2265	1.55	4.1	17	76	0.72			
		36	F2269	2.1	5.7	24	77	0.69			

JM AEROFOIL

Motor Frame Size Schedules

380-420 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Pitch Angle Range (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø	Speed Regulation Details		
									Pitch Angle Range (°)	Speed Controller	
										Electronic	Auto-Transformer
80JM/25/4/6/...	1440	16	F2245	2.1	5	27	79	0.77			
		20	F2245	2.7	5.8	30	82	0.82			
		28	PM112	4.4	9.3	55	84	0.81			
		34	132S	6.3	12.7	86	87	0.82			
		36	132M	8.6	16.6	112	89	0.85			
80JM/25/8/9/...	695	26	F2265	0.65	2.4	8	64	0.62			
		36	F2269	0.85	3	11	64	0.64	32-36	ME3.2D	N/A
80JM/25/6/9/...	935	24	F2265	1.35	3.6	15	77	0.71			
		26	F2265	1.55	4.1	17	76	0.72			
		34	F2269	2.1	5.7	24	77	0.69			
		36	F2269	2.5	6.4	26	76	0.74			
80JM/25/4/9/...	1440	10	F2245	2.1	5	27	79	0.77			
		12	F2245	2.7	5.8	30	82	0.82			
		22	PM112	4.4	9.3	55	84	0.81			
		28	132S	6.3	12.7	86	87	0.82			
		34	132M	8.6	16.6	112	89	0.85			
		36	160M	13	23.4	165	91	0.86			
80JM/31/2/9/...	2910	10	160M	17	30.1	175	91	0.91			
		12	160L	21	36.1	263	92	0.92			
		14	180MA	25	44	313	93	0.89			
90JM/25/8/3/...	695	32	F2265	0.65	2.4	8	64	0.62			
90JM/25/6/3/...	935	30	F2265	1.35	3.6	15	77	0.71			
90JM/25/4/3/...	1440	18	F2245	2.1	5	27	79	0.77			
		20	F2245	2.7	5.8	30	82	0.82			
		28	PM112	4.4	9.3	55	84	0.81			
		32	132S	6.3	12.7	86	87	0.82			
90JM/25/8/6/...	695	22	F2265	0.65	2.4	8	64	0.62			
		26	F2265	0.8	3	11	66	0.58			
		32	F2269	0.85	3	11	64	0.64	28-32	ME3.2D	N/A
90JM/25/6/6/...	935	20	F2265	1.35	3.6	15	77	0.71			
		22	F2265	1.55	4.1	17	76	0.72			
		28	F2269	2.1	5.7	24	77	0.69			
		32	F2269	2.5	6.4	26	76	0.74			
90JM/25/4/6/...	1440	8	F2245	2.1	5	27	79	0.77			
		10	F2245	2.7	5.8	30	82	0.82			
		18	PM112	4.4	9.3	55	84	0.81			
		24	132S	6.3	12.7	86	87	0.82			
		30	132M	8.6	16.6	112	89	0.85			
		32	160M	13	23.4	165	91	0.86			
90JM/25/8/9/...	695	16	F2265	0.65	2.4	8	64	0.62			
		18	F2265	0.8	3	11	66	0.58			
		24	F2269	0.85	3	11	64	0.64	20-24	ME3.2D	N/A
		26	F2269	1.1	3.9	13	69	0.59			
		32	F2269	1.4	4.9	18	70	0.59			
		36	132S	2.5	5.8	26.2	82	0.76			
90JM/25/6/9/...	935	14	F2265	1.35	3.6	15	77	0.71			
		16	F2265	1.55	4.1	17	76	0.72			
		20	F2269	2.1	5.7	24	77	0.69			
		26	F2269	2.5	6.4	26	76	0.74			
		30	132S	3.5	7.2	41	86	0.8			
		36	132M	4.6	10.1	58.9	84	0.78			

JM AEROFOIL

Motor Frame Size Schedules

380-420 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Pitch Angle Range (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø	Speed Regulation Details		
									Pitch Angle Range (°)	Speed Controller	
										Electronic	Auto-Transformer
90JM/25/4/9/...	1440	10	PM112	4.4	9.3	55	84	0.81			
		16	132S	6.3	12.7	86	87	0.82			
		22	132M	8.6	16.6	112	89	0.85			
		32	160M	13	23.4	165	91	0.86			
		36	160L	17	32.1	226	91	0.85			
100JM/25/8/3/...	695	24	F2265	0.65	2.4	8	64	0.62			
		28	F2265	0.8	3	11	66	0.58			
		32	F2269	0.85	3	11	64	0.64	28-32	ME3.2D	N/A
		32	F2269	1.1	3.9	13	69	0.59			
100JM/25/6/3/...	935	22	F2265	1.35	3.6	15	77	0.71			
		24	F2265	1.55	4.1	17	76	0.72			
		30	F2269	2.1	5.7	24	77	0.69			
		32	F2269	2.5	6.4	26	76	0.74			
100JM/25/4/3/...	1440	10	F2245	2.1	5	27	79	0.77			
		12	F2245	2.7	5.8	30	82	0.82			
		20	PM112	4.4	9.3	55	84	0.81			
		26	132S	6.3	12.7	86	87	0.82			
		32	132M	8.6	16.6	112	89	0.85			
100JM/25/8/6/...	695	14	F2265	0.65	2.4	8	64	0.62			
		18	F2265	0.8	3	11	66	0.58			
		22	F2269	0.85	3	11	64	0.64	20-22	ME3.2D	N/A
		24	F2269	1.1	3.9	13	69	0.59			
		28	F2269	1.4	4.9	18	70	0.59			
		32	132S	2.5	5.8	26.2	82	0.76			
100JM/25/6/6/...	950	12	F2265	1.35	3.6	15	77	0.71			
		14	F2265	1.55	4.1	17	76	0.72			
		24	F2269	2.5	6.4	26	76	0.74			
		28	132S	3.5	7.2	41	86	0.8			
		32	132M	4.6	10.1	58.9	84	0.78			
100JM/25/4/6/...	1450	10	PM112	4.4	9.3	55	84	0.81			
		16	132S	6.3	12.7	86	87	0.82			
		22	132M	8.6	16.6	112	89	0.85			
		28	160M	13	23.4	165	91	0.86			
		32	160L	17	32.1	226	91	0.85			
100JM/25/8/9/...	695	12	F2265	0.8	3	11	66	0.58			
		16	F2269	0.85	3	11	64	0.64	14-16	ME3.2D	N/A
		18	F2269	1.1	3.9	13	69	0.59			
		22	F2269	1.4	4.9	18	70	0.59			
		34	132S	2.5	5.8	26.2	82	0.76			
		36	132M	3.5	8.7	44.4	84	0.68			
100JM/25/6/9/...	960	8	F2265	1.55	4.1	17	76	0.72			
		14	F2269	2.1	5.7	24	77	0.69			
		18	F2269	2.5	6.4	26	76	0.74			
		20	132S	3.5	7.2	41	86	0.8			
		26	132M	4.6	10.1	58.9	84	0.78			
		34	132M	6.3	13.7	87.2	87	0.77			
		36	160M	8.6	18	112	89	0.78			
100JM/25/4/9/...	1470	10	132S	6.3	12.7	86	87	0.82			
		14	132M	8.6	16.6	112	89	0.85			
		22	160M	13	23.4	165	91	0.86			
		26	160L	17	32.1	226	91	0.85			

JM AEROFOIL

Motor Frame Size Schedules

380-420 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Pitch Angle Range (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø	Speed Regulation Details		
									Pitch Angle Range (°)	Speed Controller	
										Electronic	Auto-Transformer
100JM/31/4/9/...	1470	10	132S	6.3	12.7	86	87	0.82			
		14	132M	8.6	16.6	112	89	0.85			
		22	160M	13	23.4	165	91	0.86			
		26	160L	17	32.1	226	91	0.85			
		32	180MC	21	39.7	249	91	0.85			
		36	180L	25	45.5	307	93	0.87			
100JM/40/4/9/...	1470	12	132M	8.6	16.6	112	89	0.85			
		18	160M	13	23.4	165	91	0.86			
		24	160L	17	32.1	226	91	0.85			
		28	180MC	21	39.7	249	91	0.85			
		32	180L	25	45.5	307	93	0.87			
		40	200LC	35	62.1	428	93	0.86			

Motor Frame Size Schedules

380-420 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
112JM/40/8/6/...	720	24	132S	2.5	5.8	26.2	82	0.76
		30	132M	3.5	8.7	44.4	84	0.68
		32	160M	4.6	10.2	54.5	86	0.76
112JM/40/6/6/...	960	14	132S	3.5	7.2	41	86	0.8
		18	132M	4.6	10.1	58.9	84	0.78
		24	132M	6.3	13.7	87.2	87	0.77
		30	160M	8.6	18	112	89	0.78
		32	160L	13	24.8	165	90	0.82
112JM/40/4/6/...	1470	10	132M	8.6	16.6	112	89	0.85
		14	160M	13	23.4	165	91	0.86
		20	160L	17	32.1	226	91	0.85
		24	180MC	21	39.7	249	91	0.85
		26	180L	25	45.5	307	93	0.87
		32	200LC	35	62.1	428	93	0.86
112JM/40/8/9/...	720	20	132S	2.5	5.8	26.2	82	0.76
		24	132M	3.5	8.7	44.4	84	0.68
		30	160M	4.6	10.2	54.5	86	0.76
		36	160M	6.3	13.6	73.1	87	0.77
112JM/40/6/9/...	960	10	132S	3.5	7.2	41	86	0.8
		14	132M	4.6	10.1	58.9	84	0.78
		20	132M	6.3	13.7	87.2	87	0.77
		24	160M	8.6	18	112	89	0.78
		32	160L	13	24.8	165	90	0.82
		36	180L	17	32.8	191	91	0.84
112JM/40/4/9/...	1470	10	160M	13	23.4	165	91	0.86
		14	160L	17	32.1	226	91	0.85
		18	180MC	21	39.7	249	91	0.85
		22	180L	25	45.5	307	93	0.87
		28	200LC	35	62.1	428	93	0.86
		32	225SC	43	78.3	466	93	0.84
		36	225MC	52	93.8	517	93	0.86
112JM/50/8/12/...	720	18	132S	2.5	5.8	26.2	82	0.76
		24	132M	3.5	8.7	44.4	84	0.68
		28	160M	4.6	10.2	54.5	86	0.76
		36	160M	6.3	13.6	73.1	87	0.77
112JM/50/6/12/...	960	8	132S	3.5	7.2	41	86	0.8
		12	132M	4.6	10.1	58.9	84	0.78
		18	132M	6.3	13.7	87.2	87	0.77
		22	160M	8.6	18	112	89	0.78
		30	160L	13	24.8	165	90	0.82
		36	180L	17	32.8	191	91	0.84
112JM/50/4/12/...	1470	8	160M	13	23.4	165	91	0.86
		12	160L	17	32.1	226	91	0.85
		16	180MC	21	39.7	249	91	0.85
		20	180L	25	45.5	307	93	0.87
		26	200LC	35	62.1	428	93	0.86
		30	225SC	43	78.3	466	93	0.84
		34	225MC	52	93.8	517	93	0.86
		36	250SC	63	113	782	94	0.86
125JM/40/8/6/...	720	18	132S	2.5	5.8	26.2	82	0.76
		22	132M	3.5	8.7	44.4	84	0.68
		26	160M	4.6	10.2	54.5	86	0.76
		32	160M	6.3	13.6	73.1	87	0.77

Motor Frame Size Schedules

380-420 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
125JM/40/6/6/...	960	8	132S	3.5	7.2	41	86	0.8
		12	132M	4.6	10.1	58.9	84	0.78
		16	132M	6.3	13.7	87.2	87	0.77
		20	160M	8.6	18	112	89	0.78
		28	160L	13	24.8	165	90	0.82
		32	180L	17	32.8	191	91	0.84
125JM/40/4/6/...	1470	8	160M	13	23.4	165	91	0.86
		12	160L	17	32.1	226	91	0.85
		16	180MC	21	39.7	249	91	0.85
		18	180L	25	45.5	307	93	0.87
		24	200LC	35	62.1	428	93	0.86
		28	225SC	43	78.3	466	93	0.84
		32	225MC	52	93.8	517	93	0.86
125JM/40/8/9/...	720	12	132S	2.5	5.8	26.2	82	0.76
		16	132M	3.5	8.7	44.4	84	0.68
		20	160M	4.6	10.2	54.5	86	0.76
		26	160M	6.3	13.6	73.1	87	0.77
		32	160L	8.6	18.2	106	88	0.78
		36	180L	13	25.7	164	90	0.79
125JM/40/6/9/...	960	12	132M	6.3	13.7	87.2	87	0.77
		16	160M	8.6	18	112	89	0.78
		22	160L	13	24.8	165	90	0.82
		28	180L	17	32.8	191	91	0.84
		32	200LC	21	39.8	261	92	0.84
		36	200LC	25	47.6	299	93	0.82
125JM/40/4/9/...	1470	10	180MC	21	39.7	249	91	0.85
		14	180L	25	45.5	307	93	0.87
		18	200LC	35	62.1	428	93	0.86
		22	225SC	43	78.3	466	93	0.84
		26	225MC	52	93.8	517	93	0.86
		30	250SC	63	113	782	94	0.86
		36	250MC	86	152	1020	94	0.87
125JM/50/4/6/...	1470	12	160L	17	32.1	226	91	0.85
		16	180MC	21	39.7	249	91	0.85
		18	180L	25	45.5	307	93	0.87
		24	200LC	35	62.1	428	93	0.86
		28	225SC	43	78.3	466	93	0.84
		32	225MC	52	93.8	517	93	0.86
125JM/50/4/9/...	1470	8	160L	17	32.1	226	91	0.85
		12	180MC	21	39.7	249	91	0.85
		14	180L	25	45.5	307	93	0.87
		20	200LC	35	62.1	428	93	0.86
		24	225SC	43	78.3	466	93	0.84
		26	225MC	52	93.8	517	93	0.86
		30	250SC	63	113	782	94	0.86
		36	250MC	86	152	1020	94	0.87
125JM/50/8/12/...	720	8	132S	2.5	5.8	26.2	82	0.76
		14	132M	3.5	8.7	44.4	84	0.68
		18	160M	4.6	10.2	54.5	86	0.76
		24	160M	6.3	13.6	73.1	87	0.77
		30	160L	8.6	18.2	106	88	0.78
		36	180L	13	25.7	164	90	0.79

Motor Frame Size Schedules

380-420 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
125JM/50/6/12/...	960	8	132M	6.3	13.7	87.2	87	0.77
		12	160M	8.6	18	112	89	0.78
		20	160L	13	24.8	165	90	0.82
		24	180L	17	32.8	191	91	0.84
		30	200LC	21	39.8	261	92	0.84
		34	200LC	25	47.6	299	93	0.82
		36	225MC	35	64.9	384	92	0.83
125JM/50/4/12/...	1470	8	180MC	21	39.7	249	91	0.85
		10	180L	25	45.5	307	93	0.87
		16	200LC	35	62.1	428	93	0.86
		20	225SC	43	78.3	466	93	0.84
		22	225MC	52	93.8	517	93	0.86
		26	250SC	63	113	782	94	0.86
		34	250MC	86	152	1020	94	0.87
140JM/40/8/6/...	720	10	132S	2.5	5.8	26.2	82	0.76
		14	132M	3.5	8.7	44.4	84	0.68
		18	160M	4.6	10.2	54.5	86	0.76
		22	160M	6.3	13.6	73.1	87	0.77
		30	160L	8.6	18.2	106	88	0.78
		36	180L	13	25.7	164	90	0.79
140JM/40/6/6/...	960	10	132M	6.3	13.7	87.2	87	0.77
		14	160M	8.6	18	112	89	0.78
		20	160L	13	24.8	165	90	0.82
		24	180L	17	32.8	191	91	0.84
		30	200LC	21	39.8	261	92	0.84
		34	200LC	25	47.6	299	93	0.82
		36	225MC	35	64.9	384	92	0.83
140JM/40/8/9/...	720	12	160M	4.6	10.2	54.5	86	0.76
		18	160M	6.3	13.6	73.1	87	0.77
		24	160L	8.6	18.2	106	88	0.78
		32	180L	13	25.7	164	90	0.79
		36	200LC	17	35.6	192	89	0.78
140JM/40/6/9/...	960	14	160L	13	24.8	165	90	0.82
		20	180L	17	32.8	191	91	0.84
		24	200LC	21	39.8	261	92	0.84
		26	200LC	25	47.6	299	93	0.82
		34	225MC	35	64.9	384	92	0.83
		36	250SC	43	77.4	495	93	0.86
140JM/50/4/9/...	1470	8	180L	25	45.5	307	93	0.87
		12	200LC	35	62.1	428	93	0.86
		16	225SC	43	78.3	466	93	0.84
		18	225MC	52	93.8	517	93	0.86
		22	250SC	63	113	782	94	0.86
		28	250MC	86	152	1020	94	0.87
140JM/50/8/12/...	720	10	160M	4.6	10.2	54.5	86	0.76
		14	160M	6.3	13.6	73.1	87	0.77
		20	160L	8.6	18.2	106	88	0.78
		28	180L	13	25.7	164	90	0.79
		34	200LC	17	35.6	192	89	0.78
		36	225SC	21	42.7	190	92	0.79
140JM/50/6/12/...	960	12	160L	13	24.8	165	90	0.82
		16	180L	17	32.8	191	91	0.84
		20	200LC	21	39.8	261	92	0.84
		24	200LC	25	47.6	299	93	0.82
		30	225MC	35	64.9	384	92	0.83
		36	250SC	43	77.4	495	93	0.86

Motor Frame Size Schedules

380-420 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
140JM/50/4/12/...	1470	8	200LC	35	62.1	428	93	0.86
		12	225SC	43	78.3	466	93	0.84
		14	225MC	52	93.8	517	93	0.86
		18	250SC	63	113	782	94	0.86
		24	250MC	86	152	1020	94	0.87
160JM/40/8/6/...	720	8	160M	4.6	10.2	54.5	86	0.76
		14	160M	6.3	13.6	73.1	87	0.77
		18	160L	8.6	18.2	106	88	0.78
		24	180L	13	25.7	164	90	0.79
		30	200LC	17	35.6	192	89	0.78
		32	225SC	21	42.7	190	92	0.79
160JM/40/6/6/...	960	10	160L	13	24.8	165	90	0.82
		16	180L	17	32.8	191	91	0.84
		18	200LC	21	39.8	261	92	0.84
		22	200LC	25	47.6	299	93	0.82
		26	225MC	35	64.9	384	92	0.83
		30	250SC	43	77.4	495	93	0.86
		32	250MC	52	95.4	601	93	0.84
160JM/40/8/9/...	720	8	160M	6.3	13.6	73.1	87	0.77
		14	160L	8.6	18.2	106	88	0.78
		20	180L	13	25.7	164	90	0.79
		24	200LC	17	35.6	192	89	0.78
		28	225SC	21	42.7	190	92	0.79
		32	225MC	25	52.8	269	92	0.75
		36	250SC	35	72.5	423	91	0.76
160JM/40/6/9/...	960	10	180L	17	32.8	191	91	0.84
		12	200LC	21	39.8	261	92	0.84
		16	200LC	25	47.6	299	93	0.82
		20	225MC	35	64.9	384	92	0.83
		24	250SC	43	77.4	495	93	0.86
		28	250MC	52	95.4	601	93	0.84
160JM/50/6/9/...	960	10	180L	17	32.8	191	91	0.84
		14	200LC	21	39.8	261	92	0.84
		16	200LC	25	47.6	299	93	0.82
		22	225MC	35	64.9	384	92	0.83
		26	250SC	43	77.4	495	93	0.86
		28	250MC	52	95.4	601	93	0.84
160JM/50/8/12/...	720	10	160L	8.6	18.2	106	88	0.78
		16	180L	13	25.7	164	90	0.79
		20	200LC	17	35.6	192	89	0.78
		24	225SC	21	42.7	190	92	0.79
		28	225MC	25	52.8	269	92	0.75
		36	250SC	35	72.5	423	91	0.76
160JM/50/6/12/...	960	10	200LC	21	39.8	261	92	0.84
		12	200LC	25	47.6	299	93	0.82
		18	225MC	35	64.9	384	92	0.83
		22	250SC	43	77.4	495	93	0.86
		24	250MC	52	95.4	601	93	0.84

JM AEROFOIL

Motor Frame Size Schedules : Two Speed (Full and Half Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
31JM/16/6-12/5/...	900	40	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
31JM/16/4-8/5/...	1420	40	BT5	0.165	700	0.025	0.63/0.3	2/0.6	51/22	0.75/0.59
31JM/16/2-4/5/...	2840	16	BT5	0.25	1440	0.03	0.86/0.22	2.8/1.1	51/43	0.81/0.46
		26	BT9	0.44	1440	0.055	1.2/0.35	4.5/1.2	68/55	0.76/0.41
		40	CT5	0.8	1440	0.1	2.3/0.75	9/3	67/37	0.77/0.5
35JM/16/6-12/5/...	900	40	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
35JM/16/4-8/5/...	1420	40	BT5	0.165	700	0.025	0.63/0.3	2/0.6	51/22	0.75/0.59
35JM/16/2-4/5/...	2840	8	BT5	0.25	1440	0.03	0.86/0.22	2.8/1.1	51/43	0.81/0.46
		16	BT9	0.44	1440	0.055	1.2/0.35	4.5/1.2	68/55	0.76/0.41
		28	CT5	0.8	1440	0.1	2.3/0.75	9/3	67/37	0.77/0.5
		40	CT9	1.4	1440	0.17	3.1/1.1	16.5/5	78/50	0.84/0.45
40JM/16/6-12/5/...	900	40	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
40JM/16/4-8/5/...	1420	26	BT5	0.165	700	0.025	0.63/0.3	2/0.6	51/22	0.75/0.59
		38	BT9	0.28	720	0.035	0.9/0.6	3/0.9	58/18	0.77/0.48
		40	CT5	0.5	700	0.06	1.28/0.5	3.7/1	71/31	0.79/0.56
40JM/16/2-4/5/...	2840	8	BT9	0.44	1440	0.055	1.2/0.35	4.5/1.2	68/55	0.76/0.41
		16	CT5	0.8	1440	0.1	2.3/0.75	9/3	67/37	0.77/0.5
		26	CT9	1.4	1440	0.17	3.1/1.1	16.5/5	78/50	0.84/0.45
45JM/16/6-12/5/...	900	40	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
45JM/16/4-8/5/...	1420	16	BT5	0.165	700	0.025	0.63/0.3	2/0.6	51/22	0.75/0.59
		24	BT9	0.28	720	0.035	0.9/0.6	3/0.9	58/18	0.77/0.48
		38	CT5	0.5	700	0.06	1.28/0.5	3.7/1	71/31	0.79/0.56
		40	CT9	0.9	700	0.12	2.5/1.0	9/2.5	62/40	0.80/0.47
45JM/16/2-4/5/...	2840	10	CT5	0.8	1440	0.1	2.3/0.75	9/3	67/37	0.77/0.5
		16	CT9	1.4	1440	0.17	3.1/1.1	16.5/5	78/50	0.84/0.45
45JM/20/6-12/3/...	900	36	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
45JM/20/4-8/3/...	1420	22	BT5	0.165	700	0.025	0.63/0.3	2/0.6	51/22	0.75/0.59
		34	BT9	0.28	720	0.035	0.9/0.6	3/0.9	58/18	0.77/0.48
		36	CT5	0.5	700	0.06	1.28/0.5	3.7/1	71/31	0.79/0.56
45JM/20/2-4/3/...	2910	8	BT9	0.44	1440	0.055	1.2/0.35	4.5/1.2	68/55	0.76/0.41
		16	CT5	0.8	1440	0.1	2.3/0.75	9/3	67/37	0.77/0.5
		24	CT9	1.4	1440	0.17	3.1/1.1	16.5/5	78/50	0.84/0.45
		36	F2225	2.7	1440	0.34	5.5/2.5	32/9	79/49	0.90/0.41
45JM/20/6-12/6/...	900	40	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
45JM/20/4-8/6/...	1420	14	BT5	0.165	700	0.025	0.63/0.3	2/0.6	51/22	0.75/0.59
		24	BT9	0.28	720	0.035	0.9/0.6	3/0.9	58/18	0.77/0.48
		38	CT5	0.5	700	0.06	1.28/0.5	3.7/1	71/31	0.79/0.56
		40	CT9	0.9	700	0.12	2.5/1.0	9/2.5	62/40	0.80/0.47
45JM/20/2-4/6/...	2910	8	CT5	0.8	1440	0.1	2.3/0.75	9/3	67/37	0.77/0.5
		16	CT9	1.4	1440	0.17	3.1/1.1	16.5/5	78/50	0.84/0.45
		26	F2225	2.7	1440	0.34	5.5/2.5	32/9	79/49	0.90/0.41
		40	PM112	5	1440	0.65	9.5/4.8	80/23	83/54	0.84/0.41
50JM/16/6-12/5/...	915	36	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
		40	CT9	0.41	470	0.05	1.6/0.7	2.8/0.9	53/20	0.7/0.54

JM AEROFOIL

Motor Frame Size Schedules : Two Speed (Full and Half Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
50JM/16/4-8/5/...	1420	8	BT5	0.165	700	0.025	0.63/0.3	2/0.6	51/22	0.75/0.59
		16	BT9	0.28	720	0.035	0.9/0.6	3/0.9	58/18	0.77/0.48
		26	CT5	0.5	700	0.06	1.28/0.5	3.7/1	71/31	0.79/0.56
		40	CT9	0.9	700	0.12	2.5/1.0	9/2.5	62/40	0.80/0.47
50JM/20/6-12/3/...	915	36	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
50JM/20/4-8/3/...	1420	14	BT5	0.165	700	0.025	0.63/0.3	2/0.6	51/22	0.75/0.59
		24	BT9	0.28	720	0.035	0.9/0.6	3/0.9	58/18	0.77/0.48
		36	CT5	0.5	700	0.06	1.28/0.5	3.7/1	71/31	0.79/0.56
50JM/20/2-4/3/...	2910	10	CT5	0.8	1440	0.1	2.3/0.75	9/3	67/37	0.77/0.5
		16	CT9	1.4	1440	0.17	3.1/1.1	16.5/5	78/50	0.84/0.45
		28	F2225	2.7	1440	0.34	5.5/2.5	32/9	79/49	0.90/0.41
		36	PM112	5	1440	0.65	9.5/4.8	80/23	83/54	0.84/0.41
50JM/20/6-12/6/...	915	34	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
		40	CT9	0.41	470	0.05	1.6/0.7	2.8/0.9	53/20	0.7/0.54
50JM/20/4-8/6/...	1420	14	BT9	0.28	720	0.035	0.9/0.6	3/0.9	58/18	0.77/0.48
		26	CT5	0.5	700	0.06	1.28/0.5	3.7/1	71/31	0.79/0.56
		40	CT9	0.9	700	0.12	2.5/1.0	9/2.5	62/40	0.80/0.47
50JM/20/2-4/6/...	2910	8	CT9	1.4	1440	0.17	3.1/1.1	16.5/5	78/50	0.84/0.45
		18	F2225	2.7	1440	0.34	5.5/2.5	32/9	79/49	0.90/0.41
		30	PM112	5	1440	0.65	9.5/4.8	80/23	83/54	0.84/0.41
56JM/16/6-12/5/...	900	24	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
		40	CT9	0.41	470	0.05	1.6/0.7	2.8/0.9	53/20	0.7/0.54
56JM/16/4-8/5/...	1420	8	BT9	0.28	720	0.035	0.9/0.6	3/0.9	58/18	0.77/0.48
		18	CT5	0.5	700	0.06	1.28/0.5	3.7/1	71/31	0.79/0.56
		28	CT9	0.9	700	0.12	2.5/1.0	9/2.5	62/40	0.80/0.47
56JM/20/6-12/3/...	900	34	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
		36	CT9	0.41	470	0.05	1.6/0.7	2.8/0.9	53/20	0.7/0.54
56JM/20/4-8/3/...	1420	8	BT5	0.165	700	0.025	0.63/0.3	2/0.6	51/22	0.75/0.59
		16	BT9	0.28	720	0.035	0.9/0.6	3/0.9	58/18	0.77/0.48
		26	CT5	0.5	700	0.06	1.28/0.5	3.7/1	71/31	0.79/0.56
		36	CT9	0.9	700	0.12	2.5/1.0	9/2.5	62/40	0.80/0.47
56JM/20/2-4/3/...	2910	10	CT9	1.4	1440	0.17	3.1/1.1	16.5/5	78/50	0.84/0.45
		18	F2225	2.7	1440	0.34	5.5/2.5	32/9	79/49	0.90/0.41
		30	PM112	5	1440	0.65	9.5/4.8	80/23	83/54	0.84/0.41
56JM/20/6-12/6/...	900	24	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
		38	CT9	0.41	470	0.05	1.6/0.7	2.8/0.9	53/20	0.7/0.54
		40	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
56JM/20/4-8/6/...	1420	16	CT5	0.5	700	0.06	1.28/0.5	3.7/1	71/31	0.79/0.56
		26	CT9	0.9	700	0.12	2.5/1.0	9/2.5	62/40	0.80/0.47
		40	F2265	1.8	720	0.23	4.2/1.8	35936	77/47	0.80/0.40
56JM/20/2-4/6/...	2910	10	F2225	2.7	1440	0.34	5.5/2.5	32/9	79/49	0.90/0.41
		20	PM112	5	1440	0.65	9.5/4.8	80/23	83/54	0.84/0.41
63JM/20/6-12/3/...	900	20	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
		32	CT9	0.41	470	0.05	1.6/0.7	2.8/0.9	53/20	0.7/0.54
		36	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45

Motor Frame Size Schedules : Two Speed (Full and Half Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed		Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
					rev/min	(kW)				
63JM/20/4-8/3/...	1420	12	CT5	0.5	700	0.06	1.28/0.5	3.7/1	71/31	0.79/0.56
		22	CT9	0.9	700	0.12	2.5/1.0	9/2.5	62/40	0.80/0.47
		36	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
63JM/20/6-12/6/...	900	10	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
		22	CT9	0.41	470	0.05	1.6/0.7	2.8/0.9	53/20	0.7/0.54
		36	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
63JM/20/4-8/6/...	1420	14	CT9	0.9	700	0.12	2.5/1.0	9/2.5	62/40	0.80/0.47
		26	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
		36	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
63JM/25/2-4/3/...	2910	12	F2225	2.7	1440	0.34	5.5/2.5	32/9	79/49	0.90/0.41
		18	PM112	5	1440	0.65	9.5/4.8	80/23	83/54	0.84/0.41
		18	D132/14	4.8	1480	0.6	9.5/2.4	56/16.5	80/68	0.91/0.56
		24	D132/19	7.15	1470	0.9	13.5/3.3	88/26	83/72	0.92/0.56
		32	D160/23	12	1480	1.49	21.8/5.9	175/50	89/78	0.89/0.47
63JM/25/4-8/6/...	1440	30	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
		36	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
63JM/25/2-4/6/...	2910	12	PM112	5	1440	0.65	9.5/4.8	80/23	83/54	0.84/0.41
		12	D132/14	4.8	1480	0.6	9.5/2.4	56/16.5	80/68	0.91/0.56
		16	D132/19	7.15	1470	0.9	13.5/3.3	88/26	83/72	0.92/0.56
		26	D160/23	12	1480	1.49	21.8/5.9	175/50	89/78	0.89/0.47
		32	D160/28	15.5	1480	1.94	28/7.7	224/65	90/79	0.90/0.48
		36	D160/32	19.4	1480	2.42	34.2/9.1	273/78	90/78	0.91/0.49
63JM/25/6-12/9/...	935	40	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
63JM/25/4-8/9/...	1440	26	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
		38	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
		40	D132/19	4.5	730	0.56	10.5/2.4	58/12.5	79/67	0.78/0.50
63JM/25/2-4/9/...	2910	8	PM112	5	1440	0.65	9.5/4.8	80/23	83/54	0.84/0.41
		8	D132/14	4.8	1480	0.6	9.5/2.4	56/16.5	80/68	0.91/0.56
		14	D132/19	7.15	1470	0.9	13.5/3.3	88/26	83/72	0.92/0.56
		22	D160/23	12	1480	1.49	21.8/5.9	175/50	89/78	0.89/0.47
		26	D160/28	15.5	1480	1.94	28/7.7	224/65	90/79	0.90/0.48
		32	D160/32	19.4	1480	2.42	34.2/9.1	273/78	90/78	0.91/0.49
71JM/20/6-12/3/...	900	10	CT5	0.21	470	0.026	0.85/0.3	1.7/0.45	44/19	0.81/0.67
		22	CT9	0.41	470	0.05	1.6/0.7	2.8/0.9	53/20	0.7/0.54
		36	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
71JM/20/4-8/3/...	1440	12	CT9	0.9	700	0.12	2.5/1.0	9/2.5	62/40	0.80/0.47
		26	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
		36	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
71JM/20/6-12/6/...	900	12	CT9	0.41	470	0.05	1.6/0.7	2.8/0.9	53/20	0.7/0.54
		28	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
		36	F2269	1.6	460	0.2	4.8/1.95	23/4.5	70/37	0.69/0.42
71JM/20/4-8/6/...	1440	16	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
		26	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
71JM/25/4-8/3/...	1440	30	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
		32	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
71JM/25/6-12/6/...	935	34	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
		36	F2269	1.6	460	0.2	4.8/1.95	23/4.5	70/37	0.69/0.42

JM AEROFOIL

Motor Frame Size Schedules : Two Speed (Full and Half Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
71JM/25/4-8/6/...	1440	20	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
		30	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
		36	D132/19	4.5	730	0.56	10.5/2.4	58/12.5	79/67	0.78/0.50
71JM/25/6-12/9/...	935	26	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
		36	F2269	1.6	460	0.2	4.8/1.95	23/4.5	70/37	0.69/0.42
71JM/25/4-8/9/...	1440	12	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
		24	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
		32	D132/19	4.5	730	0.56	10.5/2.4	58/12.5	79/67	0.78/0.50
		36	D132/26	6.3	730	0.82	14.5/3.5	87/19	81/69	0.76/0.50
71JM/31/2-4/9/...	2910	12	D160/23	12	1480	1.49	21.8/5.9	175/50	89/78	0.89/0.47
		16	D160/28	15.5	1480	1.94	28/7.7	224/65	90/79	0.90/0.48
		20	D160/32	19.4	1480	2.42	34.2/9.1	273/78	90/78	0.91/0.49
		22	D180/31	23.9	1480	2.98	42.5/8.8	255/71	90/82	0.91/0.61
80JM/20/6-12/3/...	935	14	CT9	0.41	470	0.05	1.6/0.7	2.8/0.9	53/20	0.7/0.54
		28	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
		36	F2269	1.6	460	0.2	4.8/1.95	23/4.5	70/37	0.69/0.42
80JM/20/4-8/3/...	1440	18	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
		26	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
80JM/20/6-12/6/...	935	18	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
		30	F2269	1.6	460	0.2	4.8/1.95	23/4.5	70/37	0.69/0.42
80JM/20/4-8/6/...	1440	8	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
		16	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
80JM/25/6-12/3/...	935	32	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
80JM/25/4-8/3/...	1440	20	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
		32	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
80JM/25/6-12/6/...	935	22	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
		34	F2269	1.6	460	0.2	4.8/1.95	23/4.5	70/37	0.69/0.42
		36	D132/19	3.3	480	0.41	10.2/2.7	52/9.5	73/55	0.64/0.40
80JM/25/4-8/6/...	1440	12	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
		20	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
		28	D132/19	4.5	730	0.56	10.5/2.4	58/12.5	79/67	0.78/0.50
		34	D132/26	6.3	730	0.82	14.5/3.5	87/19	81/69	0.76/0.50
		36	D160/23	9.7	740	1.19	18.5/5.5	145/33	87/74	0.86/0.46
80JM/25/6-12/9/...	935	16	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
		28	F2269	1.6	460	0.2	4.8/1.95	23/4.5	70/37	0.69/0.42
		36	D132/19	3.3	480	0.41	10.2/2.7	52/9.5	73/55	0.64/0.40
80JM/25/4-8/9/...	1440	14	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
		22	D132/19	4.5	730	0.56	10.5/2.4	58/12.5	79/67	0.78/0.50
		28	D132/26	6.3	730	0.82	14.5/3.5	87/19	81/69	0.76/0.50
		36	D160/23	9.7	740	1.19	18.5/5.5	145/33	87/74	0.86/0.46
80JM/31/2-4/9/...	2910	8	D160/28	15.5	1480	1.94	28/7.7	224/65	90/79	0.90/0.48
		12	D160/32	19.4	1480	2.42	34.2/9.1	273/78	90/78	0.91/0.49
		14	D180/31	23.9	1480	2.98	42.5/8.8	255/71	90/82	0.91/0.61
90JM/25/6-12/3/...	935	22	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
		32	F2269	1.6	460	0.2	4.8/1.95	23/4.5	70/37	0.69/0.42

JM AEROFOIL

Motor Frame Size Schedules : Two Speed (Full and Half Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
90JM/25/4-8/3/...	1440	12	F2265	1.8	720	0.23	4.2/1.8	21/5	77/47	0.80/0.40
		22	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
		28	D132/19	4.5	730	0.56	10.5/2.4	58/12.5	79/67	0.78/0.50
		32	D132/26	6.3	730	0.82	14.5/3.5	87/19	81/69	0.76/0.50
90JM/25/6-12/6/...	935	14	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
		24	F2269	1.6	460	0.2	4.8/1.95	23/4.5	70/37	0.69/0.42
		32	D132/19	3.3	480	0.41	10.2/2.7	52/9.5	73/55	0.64/0.40
90JM/25/4-8/6/...	1440	12	F2265	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
		18	D132/19	4.5	730	0.56	10.5/2.4	58/12.5	79/67	0.78/0.50
		24	D132/26	6.3	730	0.82	14.5/3.5	87/19	81/69	0.76/0.50
		32	D160/23	9.7	740	1.19	18.5/5.5	145/33	87/74	0.86/0.46
90JM/25/6-12/9/...	935	16	F2269	1.6	460	0.2	4.8/1.95	23/4.5	70/37	0.69/0.42
		28	D132/19	3.3	480	0.41	10.2/2.7	52/9.5	73/55	0.64/0.40
		36	D132/26	4.7	480	0.56	11.5/2.8	61/10	77/62	0.77/0.47
90JM/25/4-8/9/...	1440	10	D132/19	4.5	730	0.56	10.5/2.4	58/12.5	79/67	0.78/0.50
		16	D132/26	6.3	730	0.82	14.5/3.5	87/19	81/69	0.76/0.50
		24	D160/23	9.7	740	1.19	18.5/5.5	145/33	87/74	0.86/0.46
		32	D160/30	13.4	730	1.68	26.8/8.8	208/47	87/72	0.82/0.38
100JM/25/6-12/3/...	935	16	F2265	0.95	470	0.12	2.9/1.05	10/2.2	68/36	0.70/0.45
		26	F2269	1.6	460	0.2	4.8/1.95	23/4.5	70/37	0.69/0.42
		32	D132/19	3.3	480	0.41	10.2/2.7	52/9.5	73/55	0.64/0.40
100JM/25/4-8/3/...	1440	14	F2269	3.1	700	0.39	7/2.6	40/10	81/58	0.79/0.38
		20	D132/19	4.5	730	0.56	10.5/2.4	58/12.5	79/67	0.78/0.50
		26	D132/26	6.3	730	0.82	14.5/3.5	87/19	81/69	0.76/0.50
		32	D160/23	9.7	740	1.19	18.5/5.5	145/33	87/74	0.86/0.46
100JM/25/6-12/6/...	950	16	F2269	1.6	460	0.2	4.8/1.95	23/4.5	70/37	0.69/0.42
		26	D132/19	3.3	480	0.41	10.2/2.7	52/9.5	73/55	0.64/0.40
		32	D132/26	4.7	480	0.56	11.5/2.8	61/10	77/62	0.77/0.47
100JM/25/4-8/6/...	1450	10	D132/19	4.5	730	0.56	10.5/2.4	58/12.5	79/67	0.78/0.50
		16	D132/26	6.3	730	0.82	14.5/3.5	87/19	81/69	0.76/0.50
		24	D160/23	9.7	740	1.19	18.5/5.5	145/33	87/74	0.86/0.46
		30	D160/30	13.4	730	1.68	26.8/8.8	208/47	87/72	0.82/0.38
100JM/25/6-12/9/...	960	10	F2269	1.6	460	0.2	4.8/1.95	23/4.5	70/37	0.69/0.42
		18	D132/19	3.3	480	0.41	10.2/2.7	52/9.5	73/55	0.64/0.40
		26	D132/26	4.7	480	0.56	11.5/2.8	61/10	77/62	0.77/0.47
		36	D160/27	7.46	490	0.93	17.3/4.8	91/17.5	82/64	0.76/0.44
100JM/25/4-8/9/...	1470	10	D132/26	6.3	730	0.82	14.5/3.5	87/19	81/69	0.76/0.50
		16	D160/23	9.7	740	1.19	18.5/5.5	145/33	87/74	0.86/0.46
		22	D160/30	13.4	730	1.68	26.8/8.8	208/47	87/72	0.82/0.38
100JM/31/4-8/9/...	1470	10	D132/26	6.3	730	0.82	14.5/3.5	87/19	81/69	0.76/0.50
		16	D160/23	9.7	740	1.19	18.5/5.5	145/33	87/74	0.86/0.46
		22	D160/30	13.4	730	1.68	26.8/8.8	208/47	87/72	0.82/0.38
		26	D180/29	15.7	730	1.94	29.9/5.7	210/35	89/82	0.85/0.60
		30	D180/35	20.1	735	2.54	38/10.9	266/60	90/78	0.86/0.43
100JM/40/4-8/9/...	1470	12	D160/23	9.7	740	1.19	18.5/5.5	145/33	87/74	0.86/0.46
		20	D160/30	13.4	730	1.68	26.8/8.8	208/47	87/72	0.82/0.38
		22	D180/29	15.7	730	1.94	29.9/5.7	210/35	89/82	0.85/0.60
		26	D180/35	20.1	735	2.54	38/10.9	266/60	90/78	0.86/0.43
		30	D200/36	23.9	735	2.98	46/13.5	330/61	90/80	0.83/0.40
		38	D200/46	32.8	735	4.1	62/18.5	450/96	91/81	0.84/0.40
		40	W200/LFR	37	730	7	69/22	448/110	91.5/85	0.85/0.54

JM AEROFOIL

Motor Frame Size Schedules : Two Speed (Full and Half Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
112JM/40/6-12/6/...	960	12	D132/19	3.3	480	0.41	10.2/2.7	52/9.5	73/55	0.64/0.40
		20	D132/26	4.7	480	0.56	11.5/2.8	61/10	77/62	0.77/0.47
		26	D160/27	7.46	490	0.93	17.3/4.8	91/17.5	82/64	0.76/0.44
		32	D160/34	11.2	480	1.42	25.5/7	135/26	83/65	0.77/0.45
112JM/40/4-8/6/...	1470	10	D160/23	9.7	740	1.19	18.5/5.5	145/33	87/74	0.86/0.46
		16	D160/30	13.4	730	1.68	26.8/8.8	208/47	87/72	0.82/0.38
		18	D180/29	15.7	730	1.94	29.9/5.7	210/35	89/82	0.85/0.60
		22	D180/35	20.1	735	2.54	38/10.9	266/60	90/78	0.86/0.43
		26	D200/36	23.9	735	2.98	46/13.5	330/61	90/80	0.83/0.40
		32	D200/46	32.8	735	4.1	62/18.5	450/96	91/81	0.84/0.40
112JM/40/6-12/9/...	960	8	D132/19	3.3	480	0.41	10.2/2.7	52/9.5	73/55	0.64/0.40
		14	D132/26	4.7	480	0.56	11.5/2.8	61/10	77/62	0.77/0.47
		22	D160/27	7.46	490	0.93	17.3/4.8	91/17.5	82/64	0.76/0.44
		30	D160/34	11.2	480	1.42	25.5/7	135/26	83/65	0.77/0.45
		36	D180/35	16.4	490	2.05	35/9.1	228.38	85/71	0.79/0.46
112JM/40/4-8/9/...	1470	10	D160/30	13.4	730	1.68	26.8/8.8	208/47	87/72	0.82/0.38
		14	D180/29	15.7	730	1.94	29.9/5.7	210/35	89/82	0.85/0.60
		18	D180/35	20.1	735	2.54	38/10.9	266/60	90/78	0.86/0.43
		20	D200/36	23.9	735	2.98	46/13.5	330/61	90/80	0.83/0.40
		26	D200/46	32.8	735	4.1	62/18.5	450/96	91/81	0.84/0.40
		28	W200/LFR	37	730	7	69/22	448/110	91.5/85	0.85/0.54
		34	W225/M	45	730	9	83/25	581/125	92/86	0.85/0.61
		36	W225/MF	55	730	11	101/29	707/145	92.5/88	0.85/0.62
112JM/50/6-12/12/...	960	12	D132/26	4.7	480	0.56	11.5/2.8	61/10	77/62	0.77/0.47
		20	D160/27	7.46	490	0.93	17.3/4.8	91/17.5	82/64	0.76/0.44
		28	D160/34	11.2	480	1.42	25.5/7	135/26	83/65	0.77/0.45
		36	D180/35	16.4	490	2.05	35/9.1	228.38	85/71	0.79/0.46
112JM/50/4-8/12/...	1470	8	D160/30	13.4	730	1.68	26.8/8.8	208/47	87/72	0.82/0.38
		12	D180/29	15.7	730	1.94	29.9/5.7	210/35	89/82	0.85/0.60
		16	D180/35	20.1	735	2.54	38/10.9	266/60	90/78	0.86/0.43
		20	D200/36	23.9	735	2.98	46/13.5	330/61	90/80	0.83/0.40
		24	D200/46	32.8	735	4.1	62/18.5	450/96	91/81	0.84/0.40
		26	W200/LFR	37	730	7	69/22	448/110	91.5/85	0.85/0.54
		32	W225/M	45	730	9	83/25	581/125	92/86	0.85/0.61
		36	W225/MF	55	730	11	101/29	707/145	92.5/88	0.85/0.62
125JM/40/6-12/6/...	960	8	D132/19	3.3	480	0.41	10.2/2.7	52/9.5	73/55	0.64/0.40
		12	D132/26	4.7	480	0.56	11.5/2.8	61/10	77/62	0.77/0.47
		18	D160/27	7.46	490	0.93	17.3/4.8	91/17.5	82/64	0.76/0.44
		26	D160/34	11.2	480	1.42	25.5/7	135/26	83/65	0.77/0.45
		32	D180/35	16.4	490	2.05	35/9.1	228.38	85/71	0.79/0.46
125JM/40/4-8/6/...	1470	10	D160/30	13.4	730	1.68	26.8/8.8	208/47	87/72	0.82/0.38
		12	D180/29	15.7	730	1.94	29.9/5.7	210/35	89/82	0.85/0.60
		16	D180/35	20.1	735	2.54	38/10.9	266/60	90/78	0.86/0.43
		18	D200/36	23.9	735	2.98	46/13.5	330/61	90/80	0.83/0.40
		22	D200/46	32.8	735	4.1	62/18.5	450/96	91/81	0.84/0.40
		24	W200/LFR	37	730	7	69/22	448/110	91.5/85	0.85/0.54
		28	W225/M	45	730	9	83/25	581/125	92/86	0.85/0.61
		32	W225/MF	55	730	11	101/29	707/145	92.5/88	0.85/0.62
125JM/40/6-12/9/...	960	8	D132/26	4.7	480	0.56	11.5/2.8	61/10	77/62	0.77/0.47
		14	D160/27	7.46	490	0.93	17.3/4.8	91/17.5	82/64	0.76/0.44
		20	D160/34	11.2	480	1.42	25.5/7	135/26	83/65	0.77/0.45
		28	D180/35	16.4	490	2.05	35/9.1	228.38	85/71	0.79/0.46
		32	D200/38	20.5	490	2.54	45/13	272/55	86/71	0.76/0.40
		34	D200/46	23.1	490	2.91	51/15	308/63	86/71	0.76/0.40
		36	W200/LFR	24	475	5	46/17	345/85	89/81	0.88/0.53

JM AEROFOIL

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125JM/40/4-8/9/...	1470	10	D180/35	20.1	735	2.54	38/10.9	266/60	90/78	0.86/0.43
		12	D200/36	23.9	735	2.98	46/13.5	330/61	90/80	0.83/0.40
		18	D200/46	32.8	735	4.1	62/18.5	450/96	91/81	0.84/0.40
		20	W200/LFR	37	730	7	69/22	448/110	91.5/85	0.85/0.54
		22	W225/M	45	730	9	83/25	581/125	92/86	0.85/0.61
		26	W225/MF	55	730	11	101/29	707/145	92.5/88	0.85/0.62
		32	W250/M	75	735	15	137/41	1027/205	93.2/89	0.85/0.6
		36	W250/MF	90	735	18	162/48	1215/240	93.5/89.5	0.86/0.61
125JM/50/4-8/6/...	1470	10	D160/30	13.4	730	1.68	26.8/8.8	208/47	87/72	0.82/0.38
		12	D180/29	15.7	730	1.94	29.9/5.7	210/35	89/82	0.85/0.60
		14	D180/35	20.1	735	2.54	38/10.9	266/60	90/78	0.86/0.43
		18	D200/36	23.9	735	2.98	46/13.5	330/61	90/80	0.83/0.40
		22	D200/46	32.8	735	4.1	62/18.5	450/96	91/81	0.84/0.40
		24	W200/LFR	37	730	7	69/22	448/110	91.5/85	0.85/0.54
		28	W225/M	45	730	9	83/25	581/125	92/86	0.85/0.61
		32	W225/MF	55	730	11	101/29	707/145	92.5/88	0.85/0.62
125JM/50/4-8/9/...	1470	10	D180/35	20.1	735	2.54	38/10.9	266/60	90/78	0.86/0.43
		14	D200/36	23.9	735	2.98	46/13.5	330/61	90/80	0.83/0.40
		18	D200/46	32.8	735	4.1	62/18.5	450/96	91/81	0.84/0.40
		20	W200/LFR	37	730	7	69/22	448/110	91.5/85	0.85/0.54
		24	W225/M	45	730	9	83/25	581/125	92/86	0.85/0.61
		28	W225/MF	55	730	11	101/29	707/145	92.5/88	0.85/0.62
		34	W250/M	75	735	15	137/41	1027/205	93.2/89	0.85/0.6
		36	W250/MF	90	735	18	162/48	1215/240	93.5/89.5	0.86/0.61
125JM/50/6-12/12/...	960	10	D160/27	7.46	490	0.93	17.3/4.8	91/17.5	82/64	0.76/0.44
		18	D160/34	11.2	480	1.42	25.5/7	135/26	83/65	0.77/0.45
		24	D180/35	16.4	490	2.05	35/9.1	228.38	85/71	0.79/0.46
		28	D200/38	20.5	490	2.54	45/13	272/55	86/71	0.76/0.40
		32	D200/46	23.1	490	2.91	51/15	308/63	86/71	0.76/0.40
		34	W200/LFR	24	475	5	46/17	345/85	89/81	0.88/0.53
		36	W225/M	30	485	6	57/20	400/100	89.5/82	0.85/0.52
125JM/50/4-8/12/...	1470	10	D200/36	23.9	735	2.98	46/13.5	330/61	90/80	0.83/0.40
		16	D200/46	32.8	735	4.1	62/18.5	450/96	91/81	0.84/0.40
		16	W200/LFR	37	730	7	69/22	448/110	91.5/85	0.85/0.54
		20	W225/M	45	730	9	83/25	581/125	92/86	0.85/0.61
		24	W225/MF	55	730	11	101/29	707/145	92.5/88	0.85/0.62
		30	W250/M	75	735	15	137/41	1027/205	93.2/89	0.85/0.6
		34	W250/MF	90	735	18	162/48	1215/240	93.5/89.5	0.86/0.61
140JM/40/6-12/6/...	960	12	D160/27	7.46	490	0.93	17.3/4.8	91/17.5	82/64	0.76/0.44
		18	D160/34	11.2	480	1.42	25.5/7	135/26	83/65	0.77/0.45
		24	D180/35	16.4	490	2.05	35/9.1	228.38	85/71	0.79/0.46
		28	D200/38	20.5	490	2.54	45/13	272/55	86/71	0.76/0.40
		32	D200/46	23.1	490	2.91	51/15	308/63	86/71	0.76/0.40
		34	W200/LFR	24	475	5	46/17	345/85	89/81	0.88/0.53
		36	W225/M	30	485	6	57/20	400/100	89.5/82	0.85/0.52
140JM/50/6-12/9/...	960	8	D160/27	7.46	490	0.93	17.3/4.8	91/17.5	82/64	0.76/0.44
		14	D160/34	11.2	480	1.42	25.5/7	135/26	83/65	0.77/0.45
		20	D180/35	16.4	490	2.05	35/9.1	228.38	85/71	0.79/0.46
		24	D200/38	20.5	490	2.54	45/13	272/55	86/71	0.76/0.40
		26	D200/46	23.1	490	2.91	51/15	308/63	86/71	0.76/0.40
		28	W200/LFR	24	475	5	46/17	345/85	89/81	0.88/0.53
		32	W225/M	30	485	6	57/20	400/100	89.5/82	0.85/0.52
		36	W225/MF	37	485	7.4	70/25	490/125	89.5/82	0.85/0.5

JM AEROFOIL

Motor Frame Size Schedules : Two Speed (Full and Half Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
140JM/50/4-8/9/...	1470	10	D200/46	32.8	735	4.1	62/18.5	450/96	91/81	0.84/0.40
		12	W200/LFR	37	730	7	69/22	448/110	91.5/85	0.85/0.54
		16	W225/M	45	730	9	83/25	581/125	92/86	0.85/0.61
		20	W225/MF	55	730	11	101/29	707/145	92.5/88	0.85/0.62
		24	W250/M	75	735	15	137/41	1027/205	93.2/89	0.85/0.6
		28	W250/MF	90	735	18	162/48	1215/240	93.5/89.5	0.86/0.61
140JM/50/6-12/12/...	960	10	D160/34	11.2	480	1.42	25.5/7	135/26	83/65	0.77/0.45
		16	D180/35	16.4	490	2.05	35/9.1	228.38	85/71	0.79/0.46
		20	D200/38	20.5	490	2.54	45/13	272/55	86/71	0.76/0.40
		22	D200/46	23.1	490	2.91	51/15	308/63	86/71	0.76/0.40
		24	W200/LFR	24	475	5	46/17	345/85	89/81	0.88/0.53
		28	W225/M	30	485	6	57/20	400/100	89.5/82	0.85/0.52
		32	W225/MF	37	485	7.4	70/25	490/125	89.5/82	0.85/0.52
		36	W250/M	45	485	9	83/27	623/135	91.5/85.5	0.86/0.56
140JM/50/4-8/12/...	1470	8	D200/46	32.8	735	4.1	62/18.5	450/96	91/81	0.84/0.40
		10	W200/LFR	37	730	7	69/22	448/110	91.5/85	0.85/0.54
		12	W225/M	45	730	9	83/25	581/125	92/86	0.85/0.61
		16	W225/MF	55	730	11	101/29	707/145	92.5/88	0.85/0.62
		20	W250/M	75	735	15	137/41	1027/205	93.2/89	0.85/0.6
		24	W250/MF	90	735	18	162/48	1215/240	93.5/89.5	0.86/0.61
160JM/40/6-12/6/...	960	10	D160/34	11.2	480	1.42	25.5/7	135/26	83/65	0.77/0.45
		14	D180/35	16.4	490	2.05	35/9.1	228.38	85/71	0.79/0.46
		18	D200/38	20.5	490	2.54	45/13	272/55	86/71	0.76/0.40
		20	D200/46	23.1	490	2.91	51/15	308/63	86/71	0.76/0.40
		22	W200/LFR	24	475	5	46/17	345/85	89/81	0.88/0.53
		24	W225/M	30	485	6	57/20	400/100	89.5/82	0.85/0.52
		28	W225/MF	37	485	7.4	70/25	490/125	89.5/82	0.85/0.52
		32	W250/M	45	485	9	83/27	623/135	91.5/85.5	0.86/0.56
160JM/40/6-12/9/...	960	10	D180/35	16.4	490	2.05	35/9.1	228.38	85/71	0.79/0.46
		12	D200/38	20.5	490	2.54	45/13	272/55	86/71	0.76/0.40
		14	D200/46	23.1	490	2.91	51/15	308/63	86/71	0.76/0.40
		16	W200/LFR	24	475	5	46/17	345/85	89/81	0.88/0.53
		18	W225/M	30	485	6	57/20	400/100	89.5/82	0.85/0.52
		22	W225/MF	37	485	7.4	70/25	490/125	89.5/82	0.85/0.52
		26	W250/M	45	485	9	83/27	623/135	91.5/85.5	0.86/0.56
		30	W250/MF	55	490	11	100/33	750/165	92.1/86.2	0.86/0.56
160JM/50/6-12/9/...	960	10	D180/35	16.4	490	2.05	35/9.1	228.38	85/71	0.79/0.46
		12	D200/38	20.5	490	2.54	45/13	272/55	86/71	0.76/0.40
		14	D200/46	23.1	490	2.91	51/15	308/63	86/71	0.76/0.40
		16	W200/LFR	24	475	5	46/17	345/85	89/81	0.88/0.53
		20	W225/M	30	485	6	57/20	400/100	89.5/82	0.85/0.52
		22	W225/MF	37	485	7.4	70/25	490/125	89.5/82	0.85/0.52
		26	W250/M	45	485	9	83/27	623/135	91.5/85.5	0.86/0.56
		30	W250/MF	55	490	11	100/33	750/165	92.1/86.2	0.86/0.56
160JM/50/6-12/12/...	960	10	D200/38	20.5	490	2.54	45/13	272/55	86/71	0.76/0.40
		10	D200/46	23.1	490	2.91	51/15	308/63	86/71	0.76/0.40
		12	W200/LFR	24	475	5	46/17	345/85	89/81	0.88/0.53
		16	W225/M	30	485	6	57/20	400/100	89.5/82	0.85/0.52
		20	W225/MF	37	485	7.4	70/25	490/125	89.5/82	0.85/0.52
		22	W250/M	45	485	9	83/27	623/135	91.5/85.5	0.86/0.56
		26	W250/MF	55	490	11	100/33	750/165	92.1/86.2	0.86/0.56

Motor Frame Size Schedules: Two Speed (Full and Half Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
45JM/20/6-12/3/...	900	36	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
45JM/20/4-8/3/...	1420	36	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
45JM/20/2-4/3/...	2910	32 36	F2245 PM112	2.15 3.7	1440 1440	0.27 0.46	4.9/0.9 8.5/1.4	29/3.2 50/6.7	74/60 74/61	0.85/0.77 0.85/0.76
45JM/20/6-12/6/...	900	40	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
45JM/20/4-8/6/...	1420	40	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
45JM/20/2-4/6/...	2910	22 34	F2245 PM112	2.15 3.7	1440 1440	0.27 0.46	4.9/0.9 8.5/1.4	29/3.2 50/6.7	74/60 74/61	0.85/0.77 0.85/0.76
50JM/20/6-12/3/...	915	36	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
50JM/20/4-8/3/...	1420	36	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
50JM/20/2-4/3/...	2910	24 34	F2245 PM112	2.15 3.7	1440 1440	0.27 0.46	4.9/0.9 8.5/1.4	29/3.2 50/6.7	74/60 74/61	0.85/0.77 0.85/0.76
50JM/20/6-12/6/...	915	40	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
50JM/20/4-8/6/...	1420	40	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
50JM/20/2-4/6/...	2910	14 24	F2245 PM112	2.15 3.7	1440 1440	0.27 0.46	4.9/0.9 8.5/1.4	29/3.2 50/6.7	74/60 74/61	0.85/0.77 0.85/0.76
56JM/20/6-12/3/...	900	36	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
56JM/20/4-8/3/...	1420	36	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
56JM/20/2-4/3/...	2910	16 24	F2245 PM112	2.15 3.7	1440 1440	0.27 0.46	4.9/0.9 8.5/1.4	29/3.2 50/6.7	74/60 74/61	0.85/0.77 0.85/0.76
56JM/20/6-12/6/...	900	40	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
56JM/20/4-8/6/...	1420	40	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
56JM/20/2-4/6/...	2910	8 14	F2245 PM112	2.15 3.7	1440 1440	0.27 0.46	4.9/0.9 8.5/1.4	29/3.2 50/6.7	74/60 74/61	0.85/0.77 0.85/0.76
63JM/20/6-12/3/...	900	36	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
63JM/20/4-8/3/...	1420	34 36	F2265 F2269	1.6 2.7	700 700	0.2 0.33	3.6/1 6.7/1.6	22/2.5 37/4	84/44 77/48	0.76/0.65 0.77/0.65
63JM/20/6-12/6/...	900	36	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
63JM/20/4-8/6/...	1420	24 36	F2265 F2269	1.6 2.7	700 700	0.2 0.33	3.6/1 6.7/1.6	22/2.5 37/4	84/44 77/48	0.76/0.65 0.77/0.65
63JM/25/2-4/3/...	2910	10 16 16 22 30 32	F2245 PM112 D132/14 D132/19 D160/23 D160/28	2.15 3.7 4.1 6 9.3 12	1440 1440 1400 1460 1470 1480	0.27 0.46 0.51 0.75 1.19 1.49	4.9/0.9 8.5/1.4 7.7/2.1 11.6/2.2 17.6/3.4 21.8/4.2	29/3.2 50/6.7 48/12 81/15 155/27 196/33	74/60 74/61 82/59 82/69 88/72 89/73	0.85/0.77 0.85/0.76 0.80/0.56 0.91/0.72 0.87/0.69 0.88/0.70
63JM/25/4-8/6/...	1440	28 36	F2265 F2269	1.6 2.7	700 700	0.2 0.33	3.6/1 6.7/1.6	22/2.5 37/4	84/44 77/48	0.76/0.65 0.77/0.65

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Half Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed		Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
					rev/min	(kW)				
63JM/25/2-4/6/...	2910	8	PM112	3.7	1440	0.46	8.5/1.4	50/6.7	74/61	0.85/0.76
		10	D132/14	4.1	1400	0.51	7.7/2.1	48/12	82/59	0.80/0.56
		14	D132/19	6	1460	0.75	11.6/2.2	81/15	82/69	0.91/0.72
		20	D160/23	9.3	1470	1.19	17.6/3.4	155/27	88/72	0.87/0.69
		26	D160/28	12	1480	1.49	21.8/4.2	196/33	89/73	0.88/0.70
		30	D160/32	14.9	1480	1.86	27.5/5.2	248/42	89/73	0.88/0.70
63JM/25/6-12/9/...	935	36	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
		40	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63
63JM/25/4-8/9/...	1440	24	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
		34	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
		40	D132/19	4.1	725	0.51	9.5/2.2	55/9	79/54	0.79/0.64
63JM/25/2-4/9/...	2910	10	D132/19	6	1460	0.75	11.6/2.2	81/15	82/69	0.91/0.72
		16	D160/23	9.3	1470	1.19	17.6/3.4	155/27	88/72	0.87/0.69
		20	D160/28	12	1480	1.49	21.8/4.2	196/33	89/73	0.88/0.70
		24	D160/32	14.9	1480	1.86	27.5/5.2	248/42	89/73	0.88/0.70
71JM/20/6-12/3/...	900	36	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
71JM/20/4-8/3/...	1440	24	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
		34	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
71JM/20/6-12/6/...	900	24	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
		36	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63
71JM/20/4-8/6/...	1440	14	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
		24	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
71JM/25/4-8/3/...	1440	28	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
		32	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
71JM/25/6-12/6/...	935	28	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
		36	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63
71JM/25/4-8/6/...	1440	18	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
		28	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
		36	D132/19	4.1	725	0.51	9.5/2.2	55/9	79/54	0.79/0.64
71JM/25/6-12/9/...	935	22	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
		34	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63
		36	D132/19	3	480	0.37	8.4/2.3	50/6.5	75/39	0.69/0.60
71JM/25/4-8/9/...	1440	10	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
		20	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
		30	D132/19	4.1	725	0.51	9.5/2.2	55/9	79/54	0.79/0.64
		36	D132/26	5.6	730	0.7	11.5/3.2	69/13.5	81/51	0.87/0.62
71JM/31/2-4/9/...	2910	8	D160/23	9.3	1470	1.19	17.6/3.4	155/27	88/72	0.87/0.69
		10	D160/28	12	1480	1.49	21.8/4.2	196/33	89/73	0.88/0.70
		14	D160/32	14.9	1480	1.86	27.5/5.2	248/42	89/73	0.88/0.70
		16	D180/31	17.9	1480	2.24	33/6.6	249/53	89/77	0.87/0.63
80JM/20/6-12/3/...	935	24	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
		36	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63
80JM/20/4-8/3/...	1440	16	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
		24	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
80JM/20/6-12/6/...	935	14	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
		24	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Half Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
80JM/20/4-8/6/...	1440	14	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
80JM/25/6-12/3/...	935	28	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
		32	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63
80JM/25/4-8/3/...	1440	18	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
		28	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
		32	D132/19	4.1	725	0.51	9.5/2.2	55/9	79/54	0.79/0.64
80JM/25/6-12/6/...	935	18	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
		28	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63
		36	D132/19	3	480	0.37	8.4/2.3	50/6.5	75/39	0.69/0.60
80JM/25/4-8/6/...	1440	10	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
		18	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
		26	D132/19	4.1	725	0.51	9.5/2.2	55/9	79/54	0.79/0.64
		32	D132/26	5.6	730	0.7	11.5/3.2	69/13.5	81/51	0.87/0.62
		36	D160/23	8.95	730	1.11	16.6/4.5	108/18	87/62	0.89/0.58
80JM/25/6-12/9/...	935	12	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
		22	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63
		36	D132/19	3	480	0.37	8.4/2.3	50/6.5	75/39	0.69/0.60
80JM/25/4-8/9/...	1440	12	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
		20	D132/19	4.1	725	0.51	9.5/2.2	55/9	79/54	0.79/0.64
		26	D132/26	5.6	730	0.7	11.5/3.2	69/13.5	81/51	0.87/0.62
		36	D160/23	8.95	730	1.11	16.6/4.5	108/18	87/62	0.89/0.58
80JM/31/2-4/9/...	2910	8	D160/32	14.9	1480	1.86	27.5/5.2	248/42	89/73	0.88/0.70
		10	D180/31	17.9	1480	2.24	33/6.6	249/53	89/77	0.87/0.63
90JM/25/6-12/3/...	935	20	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
		28	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63
		32	D132/19	3	480	0.37	8.4/2.3	50/6.5	75/39	0.69/0.60
90JM/25/4-8/3/...	1440	12	F2265	1.6	700	0.2	3.6/1	22/2.5	84/44	0.76/0.65
		20	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
		26	D132/19	4.1	725	0.51	9.5/2.2	55/9	79/54	0.79/0.64
		32	D132/26	5.6	730	0.7	11.5/3.2	69/13.5	81/51	0.87/0.62
90JM/25/6-12/6/...	935	10	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
		18	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63
		32	D132/19	3	480	0.37	8.4/2.3	50/6.5	75/39	0.69/0.60
90JM/25/4-8/6/...	1440	10	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
		16	D132/19	4.1	725	0.51	9.5/2.2	55/9	79/54	0.79/0.64
		22	D132/26	5.6	730	0.7	11.5/3.2	69/13.5	81/51	0.87/0.62
		30	D160/23	8.95	730	1.11	16.6/4.5	108/18	87/62	0.89/0.58
		32	D160/30	13.1	730	1.64	27/5.8	202/32	87/66	0.80/0.62
90JM/25/6-12/9/...	935	12	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63
		26	D132/19	3	480	0.37	8.4/2.3	50/6.5	75/39	0.69/0.60
		36	D132/26	4.48	480	0.56	10.5/3.4	63/10	79/43	0.75/0.58
90JM/25/4-8/9/...	1440	10	D132/19	4.1	725	0.51	9.5/2.2	55/9	79/54	0.79/0.64
		14	D132/26	5.6	730	0.7	11.5/3.2	69/13.5	81/51	0.87/0.62
		22	D160/23	8.95	730	1.11	16.6/4.5	108/18	87/62	0.89/0.58
		32	D160/30	13.1	730	1.64	27/5.8	202/32	87/66	0.80/0.62
100JM/25/6-12/3/...	935	12	F2265	0.77	460	0.1	2.8/1	8/1.8	62/27	0.64/0.53
		20	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63
		32	D132/19	3	480	0.37	8.4/2.3	50/6.5	75/39	0.69/0.60

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Half Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
100JM/25/4-8/3/...	1440	12	F2269	2.7	700	0.33	6.7/1.6	37/4	77/48	0.77/0.65
		18	D132/19	4.1	725	0.51	9.5/2.2	55/9	79/54	0.79/0.64
		24	D132/26	5.6	730	0.7	11.5/3.2	69/13.5	81/51	0.87/0.62
		32	D160/23	8.95	730	1.11	16.6/4.5	108/18	87/62	0.89/0.58
100JM/25/6-12/6/...	950	10	F2269	1.3	460	0.15	4/1.4	14/2.4	68/25	0.70/0.63
		24	D132/19	3	480	0.37	8.4/2.3	50/6.5	75/39	0.69/0.60
		32	D132/26	4.48	480	0.56	10.5/3.4	63/10	79/43	0.75/0.58
100JM/25/4-8/6/...	1450	10	D132/19	4.1	725	0.51	9.5/2.2	55/9	79/54	0.79/0.64
		14	D132/26	5.6	730	0.7	11.5/3.2	69/13.5	81/51	0.87/0.62
		22	D160/23	8.95	730	1.11	16.6/4.5	108/18	87/62	0.89/0.58
		30	D160/30	13.1	730	1.64	27/5.8	202/32	87/66	0.80/0.62
100JM/25/6-12/9/...	960	18	D132/19	3	480	0.37	8.4/2.3	50/6.5	75/39	0.69/0.60
		24	D132/26	4.48	480	0.56	10.5/3.4	63/10	79/43	0.75/0.58
		34	D160/27	6.71	480	0.82	15.6/4.6	93/14	81/50	0.76/0.52
		36	D160/34	9.33	480	1.12	21/5.7	125/18	83/52	0.78/0.54
100JM/25/4-8/9/...	1470	8	D132/26	5.6	730	0.7	11.5/3.2	69/13.5	81/51	0.87/0.62
		14	D160/23	8.95	730	1.11	16.6/4.5	108/18	87/62	0.89/0.58
		22	D160/30	13.1	730	1.64	27/5.8	202/32	87/66	0.80/0.62
100JM/31/4-8/9/...	1470	8	D132/26	5.6	730	0.7	11.5/3.2	69/13.5	81/51	0.87/0.62
		14	D160/23	8.95	730	1.11	16.6/4.5	108/18	87/62	0.89/0.58
		22	D160/30	13.1	730	1.64	27/5.8	202/32	87/66	0.80/0.62
		22	D180/29	13.8	740	1.72	27/6.2	189/31	88/69	0.84/0.59
		28	D180/35	17.9	740	1.24	34.2/7.8	238/39	89/70	0.85/0.59
100JM/40/4-8/9/...	1470	12	D160/23	8.95	730	1.11	16.6/4.5	108/18	87/62	0.89/0.58
		20	D160/30	13.1	730	1.64	27/5.8	202/32	87/66	0.80/0.62
		20	D180/29	13.8	740	1.72	27/6.2	189/31	88/69	0.84/0.59
		24	D180/35	17.9	740	1.24	34.2/7.8	238/39	89/70	0.85/0.59
		28	D200/36	20.9	740	2.61	40/9.3	283/47	89/74	0.84/0.54
		36	D200/46	29.1	740	3.58	55/12.5	385/62	90/75	0.85/0.55
		40	W225/M	40	735	6	75/22	563/132	91.5/83.5	0.84/0.63
112JM/40/6-12/6/...	960	12	D132/19	3	480	0.37	8.4/2.3	50/6.5	75/39	0.69/0.60
		18	D132/26	4.48	480	0.56	10.5/3.4	63/10	79/43	0.75/0.58
		24	D160/27	6.71	480	0.82	15.6/4.6	93/14	81/50	0.76/0.52
		32	D160/34	9.33	480	1.12	21/5.7	125/18	83/52	0.78/0.54
112JM/40/4-8/6/...	1470	10	D160/23	8.95	730	1.11	16.6/4.5	108/18	87/62	0.89/0.58
		16	D160/30	13.1	730	1.64	27/5.8	202/32	87/66	0.80/0.62
		16	D180/29	13.8	740	1.72	27/6.2	189/31	88/69	0.84/0.59
		20	D180/35	17.9	740	1.24	34.2/7.8	238/39	89/70	0.85/0.59
		22	D200/36	20.9	740	2.61	40/9.3	283/47	89/74	0.84/0.54
		30	D200/46	29.1	740	3.58	55/12.5	385/62	90/75	0.85/0.55
		32	W225/M	40	735	6	75/22	563/132	91.5/83.5	0.84/0.63
112JM/40/6-12/9/...	960	12	D132/26	4.48	480	0.56	10.5/3.4	63/10	79/43	0.75/0.58
		20	D160/27	6.71	480	0.82	15.6/4.6	93/14	81/50	0.76/0.52
		26	D160/34	9.33	480	1.12	21/5.7	125/18	83/52	0.78/0.54
		32	D180/35	13.1	485	1.64	28/6.2	173/21	86/62	0.78/0.62
		36	D200/38	16.4	490	2.05	35/7.1	230/23	86/71	0.78/0.59
112JM/40/4-8/9/...	1470	10	D160/30	13.1	730	1.64	27/5.8	202/32	87/66	0.80/0.62
		10	D180/29	13.8	740	1.72	27/6.2	189/31	88/69	0.84/0.59
		16	D180/35	17.9	740	1.24	34.2/7.8	238/39	89/70	0.85/0.59
		18	D200/36	20.9	740	2.61	40/9.3	283/47	89/74	0.84/0.54
		24	D200/46	29.1	740	3.58	55/12.5	385/62	90/75	0.85/0.55
		30	W225/M	40	735	6	75/22	563/132	91.5/83.5	0.84/0.63
		34	W225/MF	48	735	9.5	91/26	683/156	92.0/84.5	0.83/0.63

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Half Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
112JM/50/6-12/12/...	960	10	D132/26	4.48	480	0.56	10.5/3.4	63/10	79/43	0.75/0.58
		18	D160/27	6.71	480	0.82	15.6/4.6	93/14	81/50	0.76/0.52
		24	D160/34	9.33	480	1.12	21/5.7	125/18	83/52	0.78/0.54
		30	D180/35	13.1	485	1.64	28/6.2	173/21	86/62	0.78/0.62
		36	D200/38	16.4	490	2.05	35/7.1	230/23	86/71	0.78/0.59
112JM/50/4-8/12/...	1470	8	D160/30	13.1	730	1.64	27/5.8	202/32	87/66	0.80/0.62
		8	D180/29	13.8	740	1.72	27/6.2	189/31	88/69	0.84/0.59
		14	D180/35	17.9	740	1.24	34.2/7.8	238/39	89/70	0.85/0.59
		16	D200/36	20.9	740	2.61	40/9.3	283/47	89/74	0.84/0.54
		22	D200/46	29.1	740	3.58	55/12.5	385/62	90/75	0.85/0.55
		28	W225/M	40	735	6	75/22	563/132	91.5/83.5	0.84/0.63
		32	W225/MF	48	735	9.5	91/26	683/156	92.0/84.5	0.83/0.63
		36	W250/M	67	735	13	123/37	861/204	92.5/85.0	0.85/0.60
125JM/40/6-12/6/...	960	10	D132/26	4.48	480	0.56	10.5/3.4	63/10	79/43	0.75/0.58
		16	D160/27	6.71	480	0.82	15.6/4.6	93/14	81/50	0.76/0.52
		22	D160/34	9.33	480	1.12	21/5.7	125/18	83/52	0.78/0.54
		28	D180/35	13.1	485	1.64	28/6.2	173/21	86/62	0.78/0.62
		32	D200/38	16.4	490	2.05	35/7.1	230/23	86/71	0.78/0.59
125JM/40/4-8/6/...	1470	10	D160/30	13.1	730	1.64	27/5.8	202/32	87/66	0.80/0.62
		10	D180/29	13.8	740	1.72	27/6.2	189/31	88/69	0.84/0.59
		14	D180/35	17.9	740	1.24	34.2/7.8	238/39	89/70	0.85/0.59
		16	D200/36	20.9	740	2.61	40/9.3	283/47	89/74	0.84/0.54
		20	D200/46	29.1	740	3.58	55/12.5	385/62	90/75	0.85/0.55
		26	W225/M	40	735	6	75/22	563/132	91.5/83.5	0.84/0.63
		30	W225/MF	48	735	9.5	91/26	683/156	92.0/84.5	0.83/0.63
		32	W250/M	67	735	13	123/37	861/204	92.5/85.0	0.85/0.6
125JM/40/6-12/9/...	960	12	D160/27	6.71	480	0.82	15.6/4.6	93/14	81/50	0.76/0.52
		18	D160/34	9.33	480	1.12	21/5.7	125/18	83/52	0.78/0.54
		22	D180/35	13.1	485	1.64	28/6.2	173/21	86/62	0.78/0.62
		26	D200/38	16.4	490	2.05	35/7.1	230/23	86/71	0.78/0.59
		32	D200/46	20.9	485	2.61	46/10.7	300/37	87/65	0.75/0.54
		34	W225/M	22.5	485	4.5	44/17	286/85	89/72	0.83/0.54
		36	W225/MF	28	485	5.6	54/21	351/105	89.5/72.5	0.83/0.54
125JM/40/4-8/9/...	1470	8	D180/35	17.9	740	1.24	34.2/7.8	238/39	89/70	0.85/0.59
		10	D200/36	20.9	740	2.61	40/9.3	283/47	89/74	0.84/0.54
		16	D200/46	29.1	740	3.58	55/12.5	385/62	90/75	0.85/0.55
		20	W225/M	40	735	6	75/22	563/132	91.5/83.5	0.84/0.63
		24	W225/MF	48	735	9.5	91/26	683/156	92.0/84.5	0.83/0.63
		30	W250/M	67	735	13	123/37	861/204	92.5/85.0	0.85/0.60
		34	W250/MF	81	735	18	146/45	1022/248	93.0/88.0	0.86/0.60
125JM/50/4-8/6/...	1470	10	D160/30	13.1	730	1.64	27/5.8	202/32	87/66	0.80/0.62
		10	D180/29	13.8	740	1.72	27/6.2	189/31	88/69	0.84/0.59
		12	D180/35	17.9	740	1.24	34.2/7.8	238/39	89/70	0.85/0.59
		16	D200/36	20.9	740	2.61	40/9.3	283/47	89/74	0.84/0.54
		20	D200/46	29.1	740	3.58	55/12.5	385/62	90/75	0.85/0.55
		26	W225/M	40	735	6	75/22	563/132	91.5/83.5	0.84/0.63
		30	W225/MF	48	735	9.5	91/26	683/156	92.0/84.5	0.83/0.63
		32	W250/M	67	735	13	123/37	861/204	92.5/85.0	0.85/0.60
125JM/50/4-8/9/...	1470	8	D180/35	17.9	740	1.24	34.2/7.8	238/39	89/70	0.85/0.59
		10	D200/36	20.9	740	2.61	40/9.3	283/47	89/74	0.84/0.54
		16	D200/46	29.1	740	3.58	55/12.5	385/62	90/75	0.85/0.55
		22	W225/M	40	735	6	75/22	563/132	91.5/83.5	0.84/0.63
		24	W225/MF	48	735	9.5	91/26	683/156	92.0/84.5	0.83/0.63
		32	W250/M	67	735	13	123/37	861/204	92.5/85.0	0.85/0.60
		36	W250/MF	81	735	18	146/45	1022/248	93.0/88.0	0.86/0.60

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Half Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
125JM/50/6-12/12/...	960	8	D160/27	6.71	480	0.82	15.6/4.6	93/14	81/50	0.76/0.52
		14	D160/34	9.33	480	1.12	21/5.7	125/18	83/52	0.78/0.54
		20	D180/35	13.1	485	1.64	28/6.2	173/21	86/62	0.78/0.62
		24	D200/38	16.4	490	2.05	35/7.1	230/23	86/71	0.78/0.59
		28	D200/46	20.9	485	2.61	46/10.7	300/37	87/65	0.75/0.54
		30	W225/M	22.5	485	4.5	44/17	286/85	89/72	0.83/0.54
		36	W225/MF	28	485	5.6	54/21	351/105	89.5/72.5	0.83/0.54
125JM/50/4-8/12/...	1470	8	D200/36	20.9	740	2.61	40/9.3	283/47	89/74	0.84/0.54
		12	D200/46	29.1	740	3.58	55/12.5	385/62	90/75	0.85/0.55
		18	W225/M	40	735	6	75/22	563/132	91.5/83.5	0.84/0.63
		20	W225/MF	48	735	9.5	91/26	683/156	92.0/84.5	0.83/0.63
		28	W250/M	67	735	13	123/37	861/204	92.5/85.0	0.85/0.60
		32	W250/MF	81	735	18	146/45	1022/248	93.0/88.0	0.86/0.60
140JM/40/6-12/6/...	960	10	D160/27	6.71	480	0.82	15.6/4.6	93/14	81/50	0.76/0.52
		14	D160/34	9.33	480	1.12	21/5.7	125/18	83/52	0.78/0.54
		20	D180/35	13.1	485	1.64	28/6.2	173/21	86/62	0.78/0.62
		24	D200/38	16.4	490	2.05	35/7.1	230/23	86/71	0.78/0.59
		30	D200/46	20.9	485	2.61	46/10.7	300/37	87/65	0.75/0.54
		30	W225/M	22.5	485	4.5	44/17	286/85	89/72	0.83/0.54
		36	W225/MF	28	485	5.6	54/21	351/105	89.5/72.5	0.83/0.54
140JM/50/6-12/9/...	960	10	D160/34	9.33	480	1.12	21/5.7	125/18	83/52	0.78/0.54
		16	D180/35	13.1	485	1.64	28/6.2	173/21	86/62	0.78/0.62
		20	D200/38	16.4	490	2.05	35/7.1	230/23	86/71	0.78/0.59
		24	D200/46	20.9	485	2.61	46/10.7	300/37	87/65	0.75/0.54
		24	W225/M	22.5	485	4.5	44/17	286/85	89/72	0.83/0.54
		30	W225/MF	28	485	5.6	54/21	351/105	89.5/72.5	0.83/0.54
		36	W250/M	36	485	7.2	69/26	483/143	90.3/74	0.84/0.55
140JM/50/4-8/9/...	1470	10	D200/46	29.1	740	3.58	55/12.5	385/62	90/75	0.85/0.55
		14	W225/M	40	735	6	75/22	563/132	91.5/83.5	0.84/0.63
		16	W225/MF	48	735	9.5	91/26	683/156	92.0/84.5	0.83/0.63
		22	W250/M	67	735	13	123/37	861/204	92.5/85.0	0.85/0.60
		26	W250/MF	81	735	18	146/45	1022/248	93.0/88.0	0.86/0.60
140JM/50/6-12/12/...	960	8	D160/34	9.33	480	1.12	21/5.7	125/18	83/52	0.78/0.54
		12	D180/35	13.1	485	1.64	28/6.2	173/21	86/62	0.78/0.62
		16	D200/38	16.4	490	2.05	35/7.1	230/23	86/71	0.78/0.59
		20	D200/46	20.9	485	2.61	46/10.7	300/37	87/65	0.75/0.54
		22	W225/M	22.5	485	4.5	44/17	286/85	89/72	0.83/0.54
		26	W225/MF	28	485	5.6	54/21	351/105	89.5/72.5	0.83/0.54
		32	W250/M	36	485	7.2	69/26	483/143	90.3/74	0.84/0.55
		34	W250/MF	42	490	8.4	79/28	553/154	90.9/75	0.84/0.55
140JM/50/4-8/12/...	1470	10	W225/M	40	735	6	75/22	563/132	91.5/83.5	0.84/0.63
		12	W225/MF	48	735	9.5	91/26	683/156	92.0/84.5	0.83/0.63
		20	W250/M	67	735	13	123/37	861/204	92.5/85.0	0.85/0.60
		22	W250/MF	81	735	18	146/45	1022/248	93.0/88.0	0.86/0.60
160JM/40/6-12/6/...	960	10	D180/35	13.1	485	1.64	28/6.2	173/21	86/62	0.78/0.62
		14	D200/38	16.4	490	2.05	35/7.1	230/23	86/71	0.78/0.59
		18	D200/46	20.9	485	2.61	46/10.7	300/37	87/65	0.75/0.54
		20	W225/M	22.5	485	4.5	44/17	286/85	89/72	0.83/0.54
		22	W225/MF	28	485	5.6	54/21	351/105	89.5/72.5	0.83/0.54
		28	W250/M	36	485	7.2	69/26	483/143	90.3/74	0.84/0.55
		30	W250/MF	42	490	8.4	79/28	553/154	90.9/75	0.84/0.55

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Half Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
160JM/40/6-12/9/...	960	8	D200/38	16.4	490	2.05	35/7.1	230/23	86/71	0.78/0.59
		12	D200/46	20.9	485	2.61	46/10.7	300/37	87/65	0.75/0.54
		14	W225/M	22.5	485	4.5	44/17	286/85	89/72	0.83/0.54
		18	W225/MF	28	485	5.6	54/21	351/105	89.5/72.5	0.83/0.54
		22	W250/M	36	485	7.2	69/26	483/143	90.3/74	0.84/0.55
		24	W250/MF	42	490	8.4	79/28	553/154	90.9/75	0.84/0.55
160JM/50/6-12/9/...	960	10	D200/38	16.4	490	2.05	35/7.1	230/23	86/71	0.78/0.59
		14	D200/46	20.9	485	2.61	46/10.7	300/37	87/65	0.75/0.54
		14	W225/M	22.5	485	4.5	44/17	286/85	89/72	0.83/0.54
		18	W225/MF	28	485	5.6	54/21	351/105	89.5/72.5	0.83/0.54
		22	W250/M	36	485	7.2	69/26	483/143	90.3/74	0.84/0.55
		24	W250/MF	42	490	8.4	79/28	553/154	90.9/75	0.84/0.55
160JM/50/6-12/12/...	960	10	D200/46	20.9	485	2.61	46/10.7	300/37	87/65	0.75/0.54
		10	W225/M	22.5	485	4.5	44/17	286/85	89/72	0.83/0.54
		14	W225/MF	28	485	5.6	54/21	351/105	89.5/72.5	0.83/0.54
		18	W250/M	36	485	7.2	69/26	483/143	90.3/74	0.84/0.55
		22	W250/MF	42	490	8.4	79/28	553/154	90.9/75	0.84/0.55

Motor Frame Size Schedules: Two Speed (Full and Other Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
31JM/16/6-8/5/...	900	40	CT5	0.28	700	0.12	1.5/0.67	4.2/1.3	47/34	0.60/0.76
31JM/16/4-6/5/...	1420	40	BT5	0.15	900	0.04	0.6/0.3	2.3/0.7	58/30	0.63/0.65
35JM/16/6-8/5/...	900	40	CT5	0.28	700	0.12	1.5/0.67	4.2/1.3	47/34	0.60/0.76
35JM/16/4-6/5/...	1420	38 40	BT5 BT9	0.15 0.26	900 900	0.04 0.065	0.6/0.3 0.95/0.45	2.3/0.7 3.3/1	58/30 58/30	0.63/0.65 0.65/0.7
40JM/16/6-8/5/...	900	40	CT5	0.28	700	0.12	1.5/0.67	4.2/1.3	47/34	0.60/0.76
40JM/16/4-6/5/...	1420	24 36 40	BT5 BT9 CT5	0.15 0.26 0.5	900 900 900	0.04 0.065 0.14	0.6/0.3 0.95/0.45 1.3/0.65	2.3/0.7 3.3/1 4.8/1.4	58/30 58/30 78/48	0.63/0.65 0.65/0.7 0.71/0.65
45JM/16/6-8/5/...	900	40	CT5	0.28	700	0.12	1.5/0.67	4.2/1.3	47/34	0.60/0.76
45JM/16/4-6/5/...	1420	14 24 38 40	BT5 BT9 CT5 CT9	0.15 0.26 0.5 0.9	900 900 900 940	0.04 0.065 0.14 0.27	0.6/0.3 0.95/0.45 1.3/0.65 2.4/1.5	2.3/0.7 3.3/1 4.8/1.4 10.8/3.2	58/30 58/30 78/48 75/45	0.63/0.65 0.65/0.7 0.71/0.65 0.72/0.58
45JM/20/6-8/3/...	900	36	CT5	0.28	700	0.12	1.5/0.67	4.2/1.3	47/34	0.60/0.76
45JM/20/4-6/3/...	1420	20 32 36	BT5 BT9 CT5	0.15 0.26 0.5	900 900 900	0.04 0.065 0.14	0.6/0.3 0.95/0.45 1.3/0.65	2.3/0.7 3.3/1 4.8/1.4	58/30 58/30 78/48	0.63/0.65 0.65/0.7 0.71/0.65
45JM/20/6-8/6/...	900	40	CT5	0.28	700	0.12	1.5/0.67	4.2/1.3	47/34	0.60/0.76
45JM/20/4-6/6/...	1420	12 22 38 40	BT5 BT9 CT5 CT9	0.15 0.26 0.5 0.9	900 900 900 940	0.04 0.065 0.14 0.27	0.6/0.3 0.95/0.45 1.3/0.65 2.4/1.5	2.3/0.7 3.3/1 4.8/1.4 10.8/3.2	58/30 58/30 78/48 75/45	0.63/0.65 0.65/0.7 0.71/0.65 0.72/0.58
50JM/16/6-8/5/...	915	40	CT5	0.28	700	0.12	1.5/0.67	4.2/1.3	47/34	0.60/0.76
50JM/16/4-6/5/...	1420	14 26 40	BT9 CT5 CT9	0.26 0.5 0.9	900 900 940	0.065 0.14 0.27	0.95/0.45 1.3/0.65 2.4/1.5	3.3/1 4.8/1.4 10.8/3.2	58/30 78/48 75/45	0.65/0.7 0.71/0.65 0.72/0.58
50JM/20/6-8/3/...	915	36	CT5	0.28	700	0.12	1.5/0.67	4.2/1.3	47/34	0.60/0.76
50JM/20/4-6/3/...	1420	14 22 36	BT5 BT9 CT5	0.15 0.26 0.5	900 900 900	0.04 0.065 0.14	0.6/0.3 0.95/0.45 1.3/0.65	2.3/0.7 3.3/1 4.8/1.4	58/30 58/30 78/48	0.63/0.65 0.65/0.7 0.71/0.65
50JM/20/6-8/6/...	915	40	CT5	0.28	700	0.12	1.5/0.67	4.2/1.3	47/34	0.60/0.76
50JM/20/4-6/6/...	1420	14 26 40	BT9 CT5 CT9	0.26 0.5 0.9	900 900 940	0.065 0.14 0.27	0.95/0.45 1.3/0.65 2.4/1.5	3.3/1 4.8/1.4 10.8/3.2	58/30 78/48 75/45	0.65/0.7 0.71/0.65 0.72/0.58
56JM/16/6-8/5/...	900	30 40	CT5 CT9	0.28 0.48	700 700	0.12 0.2	1.5/0.67 2.4/1.2	4.2/1.3 4.9/1.4	47/34 58/39	0.60/0.76 0.50/0.61
56JM/16/4-6/5/...	1420	18 28	CT5 CT9	0.5 0.9	900 940	0.14 0.27	1.3/0.65 2.4/1.5	4.8/1.4 10.8/3.2	78/48 75/45	0.71/0.65 0.72/0.58

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Other Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
56JM/20/6-8/3/...	900	36	CT5	0.28	700	0.12	1.5/0.67	4.2/1.3	47/34	0.60/0.76
56JM/20/4-6/3/...	1420	14 26 36	BT9 CT5 CT9	0.26 0.5 0.9	900 900 940	0.065 0.14 0.27	0.95/0.45 1.3/0.65 2.4/1.5	3.3/1 4.8/1.4 10.8/3.2	58/30 78/48 75/45	0.65/0.7 0.71/0.65 0.72/0.58
56JM/20/6-8/6/...	900	28 40	CT5 CT9	0.28 0.48	700 700	0.12 0.2	1.5/0.67 2.4/1.2	4.2/1.3 4.9/1.4	47/34 58/39	0.60/0.76 0.50/0.61
56JM/20/4-6/6/...	1420	16 26 40	CT5 CT9 F2225	0.5 0.9 2	900 940 960	0.14 0.27 0.6	1.3/0.65 2.4/1.5 5.3/2.1	4.8/1.4 10.8/3.2 28/7	78/48 75/45 74/64	0.71/0.65 0.72/0.58 0.74/0.66
63JM/20/6-8/3/...	900	24 36	CT5 CT9	0.28 0.48	700 700	0.12 0.2	1.5/0.67 2.4/1.2	4.2/1.3 4.9/1.4	47/34 58/39	0.60/0.76 0.50/0.61
63JM/20/4-6/3/...	1420	12 22 36	CT5 CT9 F2225	0.5 0.9 2	900 940 960	0.14 0.27 0.6	1.3/0.65 2.4/1.5 5.3/2.1	4.8/1.4 10.8/3.2 28/7	78/48 75/45 74/64	0.71/0.65 0.72/0.58 0.74/0.66
63JM/20/6-8/6/...	900	16 26 36	CT5 CT9 F2265	0.28 0.48 1	700 700 700	0.12 0.2 0.42	1.5/0.67 2.4/1.2 3.2/1.7	4.2/1.3 4.9/1.4 14/3.9	47/34 58/39 72/54	0.60/0.76 0.50/0.61 0.62/0.66
63JM/20/4-6/6/...	1420	14 28 36	CT9 F2225 PM112	0.9 2 3.5	940 960 940	0.27 0.6 1.04	2.4/1.5 5.3/2.1 8/7	10.8/3.2 28/7 46/14	75/45 74/64 81/80	0.72/0.58 0.74/0.66 0.78/0.47
63JM/25/4-6/6/...	1440	34 36	F2225 PM112	2 3.5	960 940	0.6 1.04	5.3/2.1 8/4	28/7 46/14	74/64 81/80	0.74/0.66 0.78/0.47
63JM/25/6-8/9/...	935	40	F2265	1	700	0.42	3.2/1.7	14/3.9	72/54	0.62/0.66
63JM/25/4-6/9/...	1440	28 40	F2225 PM112	2 3.5	960 940	0.6 1.04	5.3/2.1 8/4	28/7 46/14	74/64 81/80	0.74/0.66 0.78/0.47
71JM/20/6-8/3/...	900	14 24 36	CT5 CT9 F2265	0.28 0.48 1	700 700 700	0.12 0.2 0.42	1.5/0.67 2.4/1.2 3.2/1.7	4.2/1.3 4.9/1.4 14/3.9	47/34 58/39 72/54	0.60/0.76 0.50/0.61 0.62/0.66
71JM/20/4-6/3/...	1440	12 28 36	CT9 F2225 PM112	0.9 2 3.5	940 960 940	0.27 0.6 1.04	2.4/1.5 5.3/2.1 8/4	10.8/3.2 28/7 46/14	75/45 74/64 81/80	0.72/0.58 0.74/0.66 0.78/0.47
71JM/20/6-8/6/...	900	16 30 36	CT9 F2265 F2269	0.48 1 1.8	700 700 690	0.2 0.42 0.76	2.4/1.2 3.2/1.7 5.8/3	4.9/1.4 14/3.9 25/7	58/39 72/54 73/54	0.50/0.61 0.62/0.66 0.61/0.65
71JM/20/4-6/6/...	1440	18 30	F2225 PM112	2 3.5	960 940	0.6 1.04	5.3/2.1 8/4	28/7 46/14	74/64 81/80	0.74/0.66 0.78/0.47
71JM/25/4-6/3/...	1440	32	F2225	2	960	0.6	5.3/2.1	28/7	74/64	0.74/0.66
71JM/25/6-8/6/...	935	34 36	F2265 F2269	1 1.8	700 690	0.42 0.76	3.2/1.7 5.8/3	14/3.9 25/7	72/54 73/54	0.62/0.66 0.61/0.65
71JM/25/4-6/6/...	1440	22 34 36	F2225 PM112 D132/21	2 3.5 5.6	960 940 970	0.6 1.04 1.64	5.3/2.1 8/4 11/4.5	28/7 46/14 66/19	74/64 81/80 84/74	0.74/0.66 0.78/0.47 0.88/0.71

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Other Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
71JM/25/6-8/9/...	935	28	F2265	1	700	0.42	3.2/1.7	14/3.9	72/54	0.62/0.66
		36	F2269	1.8	690	0.76	5.8/3	25/7	73/54	0.61/0.65
71JM/25/4-6/9/...	1440	16	F2225	2	960	0.6	5.3/2.1	28/7	74/64	0.74/0.66
		26	PM112	3.5	940	1.04	8/7	46/14	81/80	0.78/0.47
		36	D132/21	5.6	970	1.64	11/4.5	66/19	84/74	0.88/0.71
80JM/20/6-8/3/...	935	8	CT5	0.28	700	0.12	1.5/0.67	4.2/1.3	47/34	0.60/0.76
		16	CT9	0.48	700	0.2	2.4/1.2	4.9/1.4	58/39	0.50/0.61
		30	F2265	1	700	0.42	3.2/1.7	14/3.9	72/54	0.62/0.66
		36	F2269	1.8	690	0.76	5.8/3	25/7	73/54	0.61/0.65
80JM/20/4-6/3/...	1440	18	F2225	2	960	0.6	5.3/2.1	28/7	74/64	0.74/0.66
		28	PM112	3.5	940	1.04	8/4	46/14	81/80	0.78/0.47
80JM/20/6-8/6/...	935	8	CT9	0.48	700	0.2	2.4/1.2	4.9/1.4	58/39	0.50/0.61
		18	F2265	1	700	0.42	3.2/1.7	14/3.9	72/54	0.62/0.66
		32	F2269	1.8	690	0.76	5.8/3	25/7	73/54	0.61/0.65
80JM/20/4-6/6/...	1440	10	F2225	2	960	0.6	5.3/2.1	28/7	74/64	0.74/0.66
		18	PM112	3.5	940	1.04	8/4	46/14	81/80	0.78/0.47
80JM/25/6-8/3/...	935	32	F2265	1	700	0.42	3.2/1.7	14/3.9	72/54	0.62/0.66
80JM/25/4-6/3/...	1440	22	F2225	2	960	0.6	5.3/2.1	28/7	74/64	0.74/0.66
		32	PM112	3.5	940	1.04	8/4	46/14	81/80	0.78/0.47
80JM/25/6-8/6/...	935	24	F2265	1	700	0.42	3.2/1.7	14/3.9	72/54	0.62/0.66
		36	F2269	1.8	690	0.76	5.8/3	25/7	73/54	0.61/0.65
80JM/25/4-6/6/...	1440	12	F2225	2	960	0.6	5.3/2.1	28/7	74/64	0.74/0.66
		24	PM112	3.5	940	1.04	8/4	46/14	81/80	0.78/0.47
		32	D132/21	5.6	970	1.64	11/4.5	66/19	84/74	0.88/0.71
		36	D132/24	7	970	2.09	13.8/5.6	81/23.8	82/75	0.87/0.72
80JM/25/6-8/9/...	935	18	F2265	1	700	0.42	3.2/1.7	14/3.9	72/54	0.62/0.66
		30	F2269	1.8	690	0.76	5.8/3	25/7	73/54	0.61/0.65
		36	D132/19	3	725	1.27	11/3.9	70/17.5	73/70	0.54/0.67
80JM/25/4-6/9/...	1440	8	F2225	2	960	0.6	5.3/2.1	28/7	74/64	0.74/0.66
		16	PM112	3.5	940	1.04	8/4	46/14	81/80	0.78/0.47
		26	D132/21	5.6	970	1.64	11/4.5	66/19	84/74	0.88/0.71
		30	D132/24	7	970	2.09	13.8/5.6	81/23.8	82/75	0.87/0.72
		32	D160/27	8.21	960	2.42	15.6/5	97.5/20	86/83	0.90/0.86
		36	D160/34	11.2	950	3.36	21.8/7.1	142/28	86/83	0.90/0.86
90JM/25/6-8/3/...	935	24	F2265	1	700	0.42	3.2/1.7	14/3.9	72/54	0.62/0.66
		32	F2269	1.8	690	0.76	5.8/3	25/7	73/54	0.61/0.65
90JM/25/4-6/3/...	1440	14	F2225	2	960	0.6	5.3/2.1	28/7	74/64	0.74/0.66
		24	PM112	3.5	940	1.04	8/4	46/14	81/80	0.78/0.47
		32	D132/21	5.6	970	1.64	11/4.5	66/19	84/74	0.88/0.71
90JM/25/6-8/6/...	935	14	F2265	1	700	0.42	3.2/1.7	14/3.9	72/54	0.62/0.66
		26	F2269	1.8	690	0.76	5.8/3	25/7	73/54	0.61/0.65
		32	D132/19	3	725	1.27	11/3.9	70/17.5	73/70	0.54/0.67

Motor Frame Size Schedules: Two Speed (Full and Other Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
90JM/25/4-6/6/...	1440	14	PM112	3.5	940	1.04	8/4	46/14	81/80	0.78/0.47
		22	D132/21	5.6	970	1.64	11/4.5	66/19	84/74	0.88/0.71
		26	D132/24	7	970	2.09	13.8/5.6	81/23.8	82/75	0.87/0.72
		28	D160/27	8.21	960	2.42	15.6/5	97.5/20	86/83	0.90/0.86
		32	D160/34	11.2	950	3.36	21.8/7.1	142/28	86/83	0.90/0.86
90JM/25/6-8/9/...	935	8	F2265	1	700	0.42	3.2/1.7	14/3.9	72/54	0.62/0.66
		18	F2269	1.8	690	0.76	5.8/3	25/7	73/54	0.61/0.65
		24	D132/19	3	725	1.27	11/3.9	70/17.5	73/70	0.54/0.67
		36	D132/26	4.55	720	1.9	11.9/5.2	77.8/20.8	79/73	0.69/0.72
90JM/25/4-6/9/...	1440	8	PM112	3.5	940	1.04	8/4	46/14	81/80	0.78/0.47
		14	D132/21	5.6	970	1.64	11/4.5	66/19	84/74	0.88/0.71
		18	D132/24	7	970	2.09	13.8/5.6	81/23.8	82/75	0.87/0.72
		20	D160/27	8.21	960	2.42	15.6/5	97.5/20	86/83	0.90/0.86
		28	D160/34	11.2	950	3.36	21.8/7.1	142/28	86/83	0.90/0.86
100JM/25/6-8/3/...	935	16	F2265	1	700	0.42	3.2/1.7	14/3.9	72/54	0.62/0.66
		28	F2269	1.8	690	0.76	5.8/3	25/7	73/54	0.61/0.65
		32	D132/19	3	725	1.27	11/3.9	70/17.5	73/70	0.54/0.67
100JM/25/4-6/3/...	1440	8	F2225	2	960	0.6	5.3/2.1	28/7	74/64	0.74/0.66
		16	PM112	3.5	940	1.04	8/4	46/14	81/80	0.78/0.47
		24	D132/21	5.6	970	1.64	11/4.5	66/19	84/74	0.88/0.71
		28	D132/24	7	970	2.09	13.8/5.6	81/23.8	82/75	0.87/0.72
		30	D160/27	8.21	960	2.42	15.6/5	97.5/20	86/83	0.90/0.86
		32	D160/34	11.2	950	3.36	21.8/7.1	142/28	86/83	0.90/0.86
100JM/25/6-8/6/...	950	8	F2265	1	700	0.42	3.2/1.7	14/3.9	72/54	0.62/0.66
		18	F2269	1.8	690	0.76	5.8/3	25/7	73/54	0.61/0.65
		24	D132/19	3	725	1.27	11/3.9	70/17.5	73/70	0.54/0.67
		32	D132/26	4.55	720	1.9	11.9/5.2	77.8/20.8	79/73	0.69/0.72
100JM/25/4-6/6/...	1450	8	PM112	3.5	940	1.04	8/4	46/14	81/80	0.78/0.47
		14	D132/21	5.6	970	1.64	11/4.5	66/19	84/74	0.88/0.71
		18	D132/24	7	970	2.09	13.8/5.6	81/23.8	82/75	0.87/0.72
		20	D160/27	8.21	960	2.42	15.6/5	97.5/20	86/83	0.90/0.86
		26	D160/34	11.2	950	3.36	21.8/7.1	142/28	86/83	0.90/0.86
100JM/25/6-8/9/...	960	12	F2269	1.8	690	0.76	5.8/3	25/7	73/54	0.61/0.65
		18	D132/19	3	725	1.27	11/3.9	70/17.5	73/70	0.54/0.67
		26	D132/26	4.55	720	1.9	11.9/5.2	77.8/20.8	79/73	0.69/0.72
		28	DF132/MK	5.1	710	2.2	12.3/6.5	74/19.8	82/71	0.73/0.68
		36	DF160/LM	7.5	710	3.2	16.2/8.2	105/32.8	85/78	0.78/0.72
100JM/25/4-6/9/...	1470	8	D132/21	5.6	970	1.64	11/4.5	66/19	84/74	0.88/0.71
		12	D132/24	7	970	2.09	13.8/5.6	81/23.8	82/75	0.87/0.72
		14	D160/27	8.21	960	2.42	15.6/5	97.5/20	86/83	0.90/0.86
		20	D160/34	11.2	950	3.36	21.8/7.1	142/28	86/83	0.90/0.86
100JM/31/4-6/9/...	1470	8	D132/21	5.6	970	1.64	11/4.5	66/19	84/74	0.88/0.71
		12	D132/24	7	970	2.09	13.8/5.6	81/23.8	82/75	0.87/0.72
		14	D160/27	8.21	960	2.42	15.6/5	97.5/20	86/83	0.90/0.86
		18	D160/34	11.2	950	3.36	21.8/7.1	142/28	86/83	0.90/0.86
		22	D180/29	12.7	960	3.73	23.8/7.5	156/30	87/85	0.89/0.85
		26	D180/35	16.4	960	4.85	30/9.8	195/39	88/86	0.90/0.86

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Other Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
100JM/40/4-6/9/...	1470	8	D132/24	7	970	2.09	13.8/5.6	81/23.8	82/75	0.87/0.72
		10	D160/27	8.21	960	2.42	15.6/5	97.5/20	86/83	0.90/0.86
		16	D160/34	11.2	950	3.36	21.8/7.1	142/28	86/83	0.90/0.86
		18	D180/29	12.7	960	3.73	23.8/7.5	156/30	87/85	0.89/0.85
		22	D180/35	16.4	960	4.85	30/9.8	195/39	88/86	0.90/0.86
		28	D200/38	22.4	970	6.64	41.5/13.3	270/53	89/87	0.88/0.83
		34	D200/46	28.3	970	8.39	51.9/17.1	337/68	90/88	0.89/0.84
		38	W200/LF	31	960	10	57/24	370/132	90.8/85.3	0.86/0.70
		40	W200/LFR	38	960	12	70/29	455/160	91/85.5	0.86/0.70
112JM/40/6-8/6/...	960	12	D132/19	3	725	1.27	11/3.9	70/17.5	73/70	0.54/0.67
		18	D132/26	4.55	720	1.9	11.9/5.2	77.8/20.8	79/73	0.69/0.72
		20	DF132/MK	5.1	710	2.2	12.3/6.5	74/19.8	82/71	0.73/0.68
		26	DF160/LM	7.5	710	3.2	16.2/8.2	105/32.8	85/78	0.78/0.72
		32	DF160/L	10	710	4.3	21/10.5	137/42	87/79	0.80/0.75
112JM/40/4-6/6/...	1470	8	D160/27	8.21	960	2.42	15.6/5	97.5/20	86/83	0.90/0.86
		12	D160/34	11.2	950	3.36	21.8/7.1	142/28	86/83	0.90/0.86
		14	D180/29	12.7	960	3.73	23.8/7.5	156/30	87/85	0.89/0.85
		18	D180/35	16.4	960	4.85	30/9.8	195/39	88/86	0.90/0.86
		24	D200/38	22.4	970	6.64	41.5/13.3	270/53	89/87	0.88/0.83
		28	D200/46	28.3	970	8.39	51.9/17.1	337/68	90/88	0.89/0.84
		30	W200/LF	31	960	10	57/24	370/132	90.8/85.3	0.86/0.70
		32	W200/LFR	38	960	12	70/29	455/160	91/85.5	0.86/0.70
112JM/40/6-8/9/...	960	14	D132/26	4.55	720	1.9	11.9/5.2	77.8/20.8	79/73	0.69/0.72
		16	DF132/MK	5.1	710	2.2	12.3/6.5	74/19.8	82/71	0.73/0.68
		22	DF160/LM	7.5	710	3.2	16.2/8.2	105/32.8	85/78	0.78/0.72
		26	DF160/L	10	710	4.3	21/10.5	137/42	87/79	0.80/0.75
		34	DF180/LM	14	720	6	28/14.6	182/59	87/78	0.81/0.77
		36	DF180/L	17	720	7.3	34/17.8	221/71	87/78	0.84/0.76
112JM/40/4-6/9/...	1470	8	D160/34	11.2	950	3.36	21.8/7.1	142/28	86/83	0.90/0.86
		10	D180/29	12.7	960	3.73	23.8/7.5	156/30	87/85	0.89/0.85
		14	D180/35	16.4	960	4.85	30/9.8	195/39	88/86	0.90/0.86
		20	D200/38	22.4	970	6.64	41.5/13.3	270/53	89/87	0.88/0.83
		24	D200/46	28.3	970	8.39	51.9/17.1	337/68	90/88	0.89/0.84
		26	W200/LF	31	960	10	57/24	370/132	90.8/85.3	0.86/0.70
		30	W200/LFR	38	960	12	70/29	455/160	91/85.5	0.86/0.70
		34	W225/M	47	970	15	86/35	602/210	92/87.5	0.86/0.70
		36	W225/MF	58	980	19	104/44	728/264	92.5/89	0.86/0.70
112JM/50/6-8/12/...	960	10	D132/26	4.55	720	1.9	11.9/5.2	77.8/20.8	79/73	0.69/0.72
		14	DF132/MK	5.1	710	2.2	12.3/6.5	74/19.8	82/71	0.73/0.68
		20	DF160/LM	7.5	710	3.2	16.2/8.2	105/32.8	85/78	0.78/0.72
		26	DF160/L	10	710	4.3	21/10.5	137/42	87/79	0.80/0.75
		32	DF180/LM	14	720	6	28/14.6	182/59	87/78	0.81/0.77
		36	DF180/L	17	720	7.3	34/17.8	221/71	87/78	0.84/0.76
112JM/50/4-6/12/...	1470	8	D180/29	12.7	960	3.73	23.8/7.5	156/30	87/85	0.89/0.85
		12	D180/35	16.4	960	4.85	30/9.8	195/39	88/86	0.90/0.86
		18	D200/38	22.4	970	6.64	41.5/13.3	270/53	89/87	0.88/0.83
		22	D200/46	28.3	970	8.39	51.9/17.1	337/68	90/88	0.89/0.84
		24	W200/LF	31	960	10	57/24	370/132	90.8/85.3	0.86/0.70
		28	W200/LFR	38	960	12	70/29	455/160	91/85.5	0.86/0.70
		32	W225/M	47	970	15	86/35	602/210	92/87.5	0.86/0.70
		36	W225/MF	58	980	19	104/44	728/264	92.5/89	0.86/0.70

Motor Frame Size Schedules: Two Speed (Full and Other Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
125JM/40/6-8/6/...	960	12	D132/26	4.55	720	1.9	11.9/5.2	77.8/20.8	79/73	0.69/0.72
		12	DF132/MK	5.1	710	2.2	12.3/6.5	74/19.8	82/71	0.73/0.68
		18	DF160/LM	7.5	710	3.2	16.2/8.2	105/32.8	85/78	0.78/0.72
		24	DF160/L	10	710	4.3	21/10.5	137/42	87/79	0.80/0.75
		30	DF180/LM	14	720	6	28/14.6	182/59	87/78	0.81/0.77
		32	DF180/L	17	720	7.3	34/17.8	221/71	87/78	0.84/0.76
125JM/40/4-6/6/...	1470	8	D160/34	11.2	950	3.36	21.8/7.1	142/28	86/83	0.90/0.86
		8	D180/29	12.7	960	3.73	23.8/7.5	156/30	87/85	0.89/0.85
		12	D180/35	16.4	960	4.85	30/9.8	195/39	88/86	0.90/0.86
		16	D200/38	22.4	970	6.64	41.5/13.3	270/53	89/87	0.88/0.83
		20	D200/46	28.3	970	8.39	51.9/17.1	337/68	90/88	0.89/0.84
		22	W200/LF	31	960	10	57/24	370/132	90.8/85.3	0.86/0.70
		26	W200/LFR	38	960	12	70/29	455/160	91/85.5	0.86/0.70
		30	W225/M	47	970	15	86/35	602/210	92/87.5	0.86/0.70
		32	W225/MF	58	980	19	104/44	728/264	92.5/89	0.86/0.70
125JM/40/6-8/9/...	960	8	DF132/MK	5.1	710	2.2	12.3/6.5	74/19.8	82/71	0.73/0.68
		14	DF160/LM	7.5	710	3.2	16.2/8.2	105/32.8	85/78	0.78/0.72
		18	DF160/L	10	710	4.3	21/10.5	137/42	87/79	0.80/0.75
		24	DF180/LM	14	720	6	28/14.6	182/59	87/78	0.81/0.77
		28	DF180/L	17	720	7.3	34/17.8	221/71	87/78	0.84/0.76
		30	W200/LFG	18.6	720	8	38/22	266/99	89/82	0.78/0.65
		34	W200/LF	22	730	9.5	45/25	315/113	90/83	0.78/0.65
		36	W200/LFR	27	730	12	55/31	385/140	90/84	0.79/0.65
125JM/40/4-6/9/...	1470	12	D200/38	22.4	970	6.64	41.5/13.3	270/53	89/87	0.88/0.83
		16	D200/46	28.3	970	8.39	51.9/17.1	337/68	90/88	0.89/0.84
		16	W200/LF	31	960	10	57/24	370/132	90.8/85.3	0.86/0.70
		20	W200/LFR	38	960	12	70/29	455/160	91/85.5	0.86/0.70
		24	W225/M	47	970	15	86/35	602/210	92/87.5	0.86/0.70
		28	W225/MF	58	980	19	104/44	728/264	92.5/89	0.86/0.70
		34	W250/M	79	980	26	142/62	994/372	93.2/89.2	0.86/0.68
		36	W250/MF	95	985	31	171/74	1197/444	93.5/89.4	0.86/0.68
125JM/50/4-6/6/...	1470	8	D180/29	12.7	960	3.73	23.8/7.5	156/30	87/85	0.89/0.85
		12	D180/35	16.4	960	4.85	30/9.8	195/39	88/86	0.90/0.86
		16	D200/38	22.4	970	6.64	41.5/13.3	270/53	89/87	0.88/0.83
		20	D200/46	28.3	970	8.39	51.9/17.1	337/68	90/88	0.89/0.84
		22	W200/LF	31	960	10	57/24	370/132	90.8/85.3	0.86/0.70
		26	W200/LFR	38	960	12	70/29	455/160	91/85.5	0.86/0.70
		30	W225/M	47	970	15	86/35	602/210	92/87.5	0.86/0.70
		32	W225/MF	58	980	19	104/44	728/264	92.5/89	0.86/0.70
125JM/50/6-8/9/...	960	8	DF132/MK	5.1	710	2.2	12.3/6.5	74/19.8	82/71	0.73/0.68
		14	DF160/LM	7.5	710	3.2	16.2/8.2	105/32.8	85/78	0.78/0.72
		20	DF160/L	10	710	4.3	21/10.5	137/42	87/79	0.80/0.75
		24	DF180/LM	14	720	6	28/14.6	182/59	87/78	0.81/0.77
		28	DF180/L	17	720	7.3	34/17.8	221/71	87/78	0.84/0.76
		30	W200/LFG	18.6	720	8	38/22	266/99	89/82	0.78/0.65
		34	W200/LF	22	730	9.5	45/25	315/113	90/83	0.78/0.65
		36	W200/LFR	27	730	12	55/31	385/140	90/84	0.79/0.65
125JM/50/6-8/12/...	960	10	DF160/LM	7.5	710	3.2	16.2/8.2	105/32.8	85/78	0.78/0.72
		16	DF160/L	10	710	4.3	21/10.5	137/42	87/79	0.80/0.75
		22	DF180/LM	14	720	6	28/14.6	182/59	87/78	0.81/0.77
		24	DF180/L	17	720	7.3	34/17.8	221/71	87/78	0.84/0.76
		26	W200/LFG	18.6	720	8	38/22	266/99	89/82	0.78/0.65
		30	W200/LF	22	730	9.5	45/25	315/113	90/83	0.78/0.65
		36	W200/LFR	27	730	12	55/31	385/140	90/84	0.79/0.65

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Other Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
125JM/50/4-6/12/...	1470	8	D200/38	22.4	970	6.64	41.5/13.3	270/53	89/87	0.88/0.83
		12	D200/46	28.3	970	8.39	51.9/17.1	337/68	90/88	0.89/0.84
		14	W200/LF	31	960	10	57/24	370/132	90.8/85.3	0.86/0.70
		18	W200/LFR	38	960	12	70/29	455/160	91/85.5	0.86/0.70
		20	W225/M	47	970	15	86/35	602/210	92/87.5	0.86/0.70
		24	W225/MF	58	980	19	104/44	728/264	92.5/89	0.86/0.70
		32	W250/M	79	980	26	142/62	994/372	93.2/89.2	0.86/0.68
		36	W250/MF	95	985	31	171/74	1197/444	93.5/89.4	0.86/0.68
140JM/40/6-8/6/...	960	12	DF160/LM	7.5	710	3.2	16.2/8.2	105/32.8	85/78	0.78/0.72
		16	DF160/L	10	710	4.3	21/10.5	137/42	87/79	0.80/0.75
		20	DF180/LM	14	720	6	28/14.6	182/59	87/78	0.81/0.77
		24	DF180/L	17	720	7.3	34/17.8	221/71	87/78	0.84/0.76
		26	W200/LFG	18.6	720	8	38/22	266/99	89/82	0.78/0.65
		30	W200/LF	22	730	9.5	45/25	315/113	90/83	0.78/0.65
		36	W200/LFR	27	730	12	55/31	385/140	90/84	0.79/0.65
140JM/40/6-8/9/...	960	8	DF160/LM	7.5	710	3.2	16.2/8.2	105/32.8	85/78	0.78/0.72
		10	DF160/L	10	710	4.3	21/10.5	137/42	87/79	0.80/0.75
		16	DF180/LM	14	720	6	28/14.6	182/59	87/78	0.81/0.77
		18	DF180/L	17	720	7.3	34/17.8	221/71	87/78	0.84/0.76
		20	W200/LFG	18.6	720	8	38/22	266/99	89/82	0.78/0.65
		24	W200/LF	22	730	9.5	45/25	315/113	90/83	0.78/0.65
		30	W200/LFR	27	730	12	55/31	385/140	90/84	0.79/0.65
		32	W225/M	30	730	13	63/34	441/153	91/84	0.76/0.65
		36	W225/MF	37	730	18	77/42	539/189	91/84	0.76/0.65
140JM/50/4-6/9/...	1470	10	D200/46	28.3	970	8.39	51.9/17.1	337/68	90/88	0.89/0.84
		10	W200/LF	31	960	10	57/24	370/132	90.8/85.3	0.86/0.70
		14	W200/LFR	38	960	12	70/29	455/160	91/85.5	0.86/0.70
		16	W225/M	47	970	15	86/35	602/210	92/87.5	0.86/0.70
		20	W225/MF	58	980	19	104/44	728/264	92.5/89	0.86/0.70
		26	W250/M	79	980	26	142/62	994/372	93.2/89.2	0.86/0.68
		30	W250/MF	95	985	31	171/74	1197/444	93.5/89.4	0.86/0.68
140JM/50/6-8/12/...	960	8	DF160/L	10	710	4.3	21/10.5	137/42	87/79	0.80/0.75
		14	DF180/LM	14	720	6	28/14.6	182/59	87/78	0.81/0.77
		16	DF180/L	17	720	7.3	34/17.8	221/71	87/78	0.84/0.76
		18	W200/LFG	18.6	720	8	38/22	266/99	89/82	0.78/0.65
		22	W200/LF	22	730	9.5	45/25	315/113	90/83	0.78/0.65
		26	W200/LFR	27	730	12	55/31	385/140	90/84	0.79/0.65
		28	W225/M	30	730	13	63/34	441/153	91/84	0.76/0.65
		34	W225/MF	37	730	18	77/42	539/189	91/84	0.76/0.65
		36	W250/M	45	730	20	88/48	616/216	92/88	0.80/0.66
140JM/50/4-6/12/...	1470	8	W200/LF	31	960	10	57/24	370/132	90.8/85.3	0.86/0.70
		10	W200/LFR	38	960	12	70/29	455/160	91/85.5	0.86/0.70
		12	W225/M	47	970	15	86/35	602/210	92/87.5	0.86/0.70
		16	W225/MF	58	980	19	104/44	728/264	92.5/89	0.86/0.70
		22	W250/M	79	980	26	142/62	994/372	93.2/89.2	0.86/0.68
		26	W250/MF	95	985	31	171/74	1197/444	93.5/89.4	0.86/0.68
160JM/40/6-8/6/...	960	8	DF160/L	10	710	4.3	21/10.5	137/42	87/79	0.80/0.75
		12	DF180/LM	14	720	6	28/14.6	182/59	87/78	0.81/0.77
		14	DF180/L	17	720	7.3	34/17.8	221/71	87/78	0.84/0.76
		16	W200/LFG	18.6	720	8	38/22	266/99	89/82	0.78/0.65
		18	W200/LF	22	730	9.5	45/25	315/113	90/83	0.78/0.65
		24	W200/LFR	27	730	12	55/31	385/140	90/84	0.79/0.65
		26	W225/M	30	730	13	63/34	441/153	91/84	0.76/0.65
		30	W225/MF	37	730	18	77/42	539/189	91/84	0.76/0.65
		32	W250/M	45	730	20	88/48	616/216	92/88	0.80/0.66

Motor Frame Size Schedules: Two Speed (Full and Other Pole Change)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed		Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
					rev/min	(kW)				
160JM/40/6-8/9/...	960	8	DF180/LM	14	720	6	28/14.6	182/59	87/78	0.81/0.77
		10	DF180/L	17	720	7.3	34/17.8	221/71	87/78	0.84/0.76
		10	W200/LFG	18.6	720	8	38/22	266/99	89/82	0.78/0.65
		14	W200/LF	22	730	9.5	45/25	315/113	90/83	0.78/0.65
		18	W200/LFR	27	730	12	55/31	385/140	90/84	0.79/0.65
		20	W225/M	30	730	13	63/34	441/153	91/84	0.76/0.65
		24	W225/MF	37	730	18	77/42	539/189	91/84	0.76/0.65
		26	W250/M	45	730	20	88/48	616/216	92/88	0.80/0.66
		30	W250/MF	55	740	24	107/59	749/266	93/88	0.80/0.66
160JM/50/6-8/9/...	960	8	DF180/LM	14	720	6	28/14.6	182/59	87/78	0.81/0.77
		10	DF180/L	17	720	7.3	34/17.8	221/71	87/78	0.84/0.76
		12	W200/LFG	18.6	720	8	38/22	266/99	89/82	0.78/0.65
		14	W200/LF	22	730	9.5	45/25	315/113	90/83	0.78/0.65
		18	W200/LFR	27	730	12	55/31	385/140	90/84	0.79/0.65
		20	W225/M	30	730	13	63/34	441/153	91/84	0.76/0.65
		24	W225/MF	37	730	18	77/42	539/189	91/84	0.76/0.65
		26	W250/M	45	730	20	88/48	616/216	92/88	0.80/0.66
		30	W250/MF	55	740	24	107/59	749/266	93/88	0.80/0.66
160JM/50/6-8/12/...	960	8	W200/LFG	18.6	720	8	38/22	266/99	89/82	0.78/0.65
		10	W200/LF	22	730	9.5	45/25	315/113	90/83	0.78/0.65
		14	W200/LFR	27	730	12	55/31	385/140	90/84	0.79/0.65
		16	W225/M	30	730	13	63/34	441/153	91/84	0.76/0.65
		20	W225/MF	37	730	18	77/42	539/189	91/84	0.76/0.65
		24	W250/M	45	730	20	88/48	616/216	92/88	0.80/0.66
		26	W250/MF	55	740	24	107/59	749/266	93/88	0.80/0.66

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Other Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed		Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
					rev/min	(kW)				
45JM/20/6-8/3/...	900	36	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
45JM/20/4-6/3/...	1420	36	F2265	1.4	940	0.42	3.5/1.25	20/4.2	77/65	0.75/0.75
45JM/20/6-8/6/...	900	40	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
45JM/20/4-6/6/...	1420	40	F2265	1.4	940	0.42	3.5/1.25	20/4.2	77/65	0.75/0.75
50JM/20/6-8/3/...	915	36	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
50JM/20/4-6/3/...	1420	36	F2265	1.4	940	0.42	3.5/1.25	20/4.2	77/65	0.75/0.75
50JM/20/6-8/6/...	915	40	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
50JM/20/4-6/6/...	1420	40	F2265	1.4	940	0.42	3.5/1.25	20/4.2	77/65	0.75/0.75
56JM/20/6-8/3/...	900	36	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
56JM/20/4-6/3/...	1420	36	F2265	1.4	940	0.42	3.5/1.25	20/4.2	77/65	0.75/0.75
56JM/20/6-8/6/...	900	40	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
56JM/20/4-6/6/...	1420	36 40	F2265 F2269	1.4 2.35	940 940	0.42 0.7	3.5/1.25 5.5/2.2	20/4.2 28/8	77/65 78/67	0.75/0.75 0.79/0.69
63JM/20/6-8/3/...	900	36	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
63JM/20/4-6/3/...	1420	30 36	F2265 F2269	1.4 2.35	940 940	0.42 0.7	3.5/1.25 5.5/2.2	20/4.2 28/8	77/65 78/67	0.75/0.75 0.79/0.69
63JM/20/6-8/6/...	900	34 36	F2265 F2269	0.55 1	680 680	0.23 0.42	2.3/1.3 3.3/1.7	6.8/3 14.2/4	48/42 73/54	0.72/0.61 0.61/0.65
63JM/20/4-6/6/...	1420	22 32	F2265 F2269	1.4 2.35	940 940	0.42 0.7	3.5/1.25 5.5/2.2	20/4.2 28/8	77/65 78/67	0.75/0.75 0.79/0.69
63JM/25/4-6/6/...	1440	26 36	F2265 F2269	1.4 2.35	940 940	0.42 0.7	3.5/1.25 5.5/2.2	20/4.2 28/8	77/65 78/67	0.75/0.75 0.79/0.69
63JM/25/6-8/9/...	935	32 40	F2265 F2269	0.55 1	680 680	0.23 0.42	2.3/1.3 3.3/1.7	6.8/3 14.2/4	48/42 73/54	0.72/0.61 0.61/0.65
63JM/25/4-6/9/...	1440	20 30 40	F2265 F2269 D132/21	1.4 2.35 4.5	940 940 970	0.42 0.7 1.34	3.5/1.25 5.5/2.2 11.2/4.2	20/4.2 28/8 74/24	77/65 78/67 80/65	0.75/0.75 0.79/0.69 0.73/0.70
71JM/20/6-8/3/...	900	32 36	F2265 F2269	0.55 1	680 680	0.23 0.42	2.3/1.3 3.3/1.7	6.8/3 14.2/4	48/42 73/54	0.72/0.61 0.61/0.65
71JM/20/4-6/3/...	1440	20 32	F2265 F2269	1.4 2.35	940 940	0.42 0.7	3.5/1.25 5.5/2.2	20/4.2 28/8	77/65 78/67	0.75/0.75 0.79/0.69
71JM/20/6-8/6/...	900	22 36	F2265 F2269	0.55 1	680 680	0.23 0.42	2.3/1.3 3.3/1.7	6.8/3 14.2/4	48/42 73/54	0.72/0.61 0.61/0.65
71JM/20/4-6/6/...	1440	12 20	F2265 F2269	1.4 2.35	940 940	0.42 0.7	3.5/1.25 5.5/2.2	20/4.2 28/8	77/65 78/67	0.75/0.75 0.79/0.69

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Other Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed		Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
					rev/min	(kW)				
71JM/25/4-6/3/...	1440	24	F2265	1.4	940	0.42	3.5/1.25	20/4.2	77/65	0.75/0.75
		32	F2269	2.35	940	0.7	5.5/2.2	28/8	78/67	0.79/0.69
71JM/25/6-8/6/...	935	26	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
		36	F2269	1	680	0.42	3.3/1.7	14.2/4	73/54	0.61/0.65
71JM/25/4-6/6/...	1440	16	F2265	1.4	940	0.42	3.5/1.25	20/4.2	77/65	0.75/0.75
		26	F2269	2.35	940	0.7	5.5/2.2	28/8	78/67	0.79/0.69
		36	D132/21	4.5	970	1.34	11.2/4.2	74/24	80/65	0.73/0.70
71JM/25/6-8/9/...	935	20	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
		34	F2269	1	680	0.42	3.3/1.7	14.2/4	73/54	0.61/0.65
		36	D132/19	2.24	725	0.97	6.4/3.4	42/19	75/64	0.71/0.65
71JM/25/4-6/9/...	1440	8	F2265	1.4	940	0.42	3.5/1.25	20/4.2	77/65	0.75/0.75
		18	F2269	2.35	940	0.7	5.5/2.2	28/8	78/67	0.79/0.69
		32	D132/21	4.5	970	1.34	11.2/4.2	74/24	80/65	0.73/0.70
		36	D132/24	5.8	970	1.7	12.8/5.0	80/28	81/70	0.81/0.70
80JM/20/6-8/3/...	935	22	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
		36	F2269	1	680	0.42	3.3/1.7	14.2/4	73/54	0.61/0.65
80JM/20/4-6/3/...	1440	12	F2265	1.4	940	0.42	3.5/1.25	20/4.2	77/65	0.75/0.75
		22	F2269	2.35	940	0.7	5.5/2.2	28/8	78/67	0.79/0.69
80JM/20/6-8/6/...	935	12	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
		24	F2269	1	680	0.42	3.3/1.7	14.2/4	73/54	0.61/0.65
80JM/20/4-6/6/...	1440	12	F2269	2.35	940	0.7	5.5/2.2	28/8	78/67	0.79/0.69
80JM/25/6-8/3/...	935	26	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
		32	F2269	1	680	0.42	3.3/1.7	14.2/4	73/54	0.61/0.65
80JM/25/4-6/3/...	1440	16	F2265	1.4	940	0.42	3.5/1.25	20/4.2	77/65	0.75/0.75
		26	F2269	2.35	940	0.7	5.5/2.2	28/8	78/67	0.79/0.69
		32	D132/21	4.5	970	1.34	11.2/4.2	74/24	80/65	0.73/0.70
80JM/25/6-8/6/...	935	16	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
		28	F2269	1	680	0.42	3.3/1.7	14.2/4	73/54	0.61/0.65
		36	D132/19	2.24	725	0.97	6.4/3.4	42/19	75/64	0.71/0.65
80JM/25/4-6/6/...	1440	8	F2265	1.4	940	0.42	3.5/1.25	20/4.2	77/65	0.75/0.75
		16	F2269	2.35	940	0.7	5.5/2.2	28/8	78/67	0.79/0.69
		26	D132/21	4.5	970	1.34	11.2/4.2	74/24	80/65	0.73/0.70
		32	D132/24	5.8	970	1.7	12.8/5.0	80/28	81/70	0.81/0.70
		36	D160/27	8.21	970	2.61	16.2/5.2	113/34	85/75	0.86/0.82
80JM/25/6-8/9/...	935	10	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
		22	F2269	1	680	0.42	3.3/1.7	14.2/4	73/54	0.61/0.65
		32	D132/19	2.24	725	0.97	6.4/3.4	42/19	75/64	0.71/0.65
		36	D132/26	3.58	730	1.49	9.9/4.9	59/25	76/66	0.70/0.67
80JM/25/4-6/9/...	1440	10	F2269	2.35	940	0.7	5.5/2.2	28/8	78/67	0.79/0.69
		20	D132/21	4.5	970	1.34	11.2/4.2	74/24	80/65	0.73/0.70
		26	D132/24	5.8	970	1.7	12.8/5.0	80/28	81/70	0.81/0.70
		32	D160/27	8.21	970	2.61	16.2/5.2	113/34	85/75	0.86/0.82
		36	D160/34	11.2	970	3.36	21.3/7.4	149/48	86/78	0.88/0.84

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Other Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed		Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
					rev/min	(kW)				
90JM/25/6-8/3/...	935	18	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
		28	F2269	1	680	0.42	3.3/1.7	14.2/4	73/54	0.61/0.65
		32	D132/19	2.24	725	0.97	6.4/3.4	42/19	75/64	0.71/0.65
90JM/25/4-6/3/...	1440	10	F2265	1.4	940	0.42	3.5/1.25	20/4.2	77/65	0.75/0.75
		16	F2269	2.35	940	0.7	5.5/2.2	28/8	78/67	0.79/0.69
		28	D132/21	4.5	970	1.34	11.2/4.2	74/24	80/65	0.73/0.70
		32	D132/24	5.8	970	1.7	12.8/5.0	80/28	81/70	0.81/0.70
90JM/25/6-8/6/...	935	18	F2269	1	680	0.42	3.3/1.7	14.2/4	73/54	0.61/0.65
		28	D132/19	2.24	725	0.97	6.4/3.4	42/19	75/64	0.71/0.65
		32	D132/26	3.58	730	1.49	9.9/4.9	59/25	76/66	0.70/0.67
90JM/25/4-6/6/...	1440	8	F2269	2.35	940	0.7	5.5/2.2	28/8	78/67	0.79/0.69
		18	D132/21	4.5	970	1.34	11.2/4.2	74/24	80/65	0.73/0.70
		22	D132/24	5.8	970	1.7	12.8/5.0	80/28	81/70	0.81/0.70
		28	D160/27	8.21	970	2.61	16.2/5.2	113/34	85/75	0.86/0.82
		32	D160/34	11.2	970	3.36	21.3/7.4	149/48	86/78	0.88/0.84
90JM/25/6-8/9/...	935	12	F2269	1	680	0.42	3.3/1.7	14.2/4	73/54	0.61/0.65
		20	D132/19	2.24	725	0.97	6.4/3.4	42/19	75/64	0.71/0.65
		30	D132/26	3.58	730	1.49	9.9/4.9	59/25	76/66	0.70/0.67
		36	D160/27	5.6	720	1.9	12.8/5.3	83/28	81/73	0.78/0.71
90JM/25/4-6/9/...	1440	10	D132/21	4.5	970	1.34	11.2/4.2	74/24	80/65	0.73/0.70
		16	D132/24	5.8	970	1.7	12.8/5.0	80/28	81/70	0.81/0.70
		20	D160/27	8.21	970	2.61	16.2/5.2	113/34	85/75	0.86/0.82
		28	D160/34	11.2	970	3.36	21.3/7.4	149/48	86/78	0.88/0.84
100JM/25/6-8/3/...	935	10	F2265	0.55	680	0.23	2.3/1.3	6.8/3	48/42	0.72/0.61
		20	F2269	1	680	0.42	3.3/1.7	14.2/4	73/54	0.61/0.65
		28	D132/19	2.24	725	0.97	6.4/3.4	42/19	75/64	0.71/0.65
		32	D132/26	3.58	730	1.49	9.9/4.9	59/25	76/66	0.70/0.67
100JM/25/4-6/3/...	1440	10	F2269	2.35	940	0.7	5.5/2.2	28/8	78/67	0.79/0.69
		20	D132/21	4.5	970	1.34	11.2/4.2	74/24	80/65	0.73/0.70
		24	D132/24	5.8	970	1.7	12.8/5.0	80/28	81/70	0.81/0.70
		30	D160/27	8.21	970	2.61	16.2/5.2	113/34	85/75	0.86/0.82
		32	D160/34	11.2	970	3.36	21.3/7.4	149/48	86/78	0.88/0.84
100JM/25/6-8/6/...	950	10	F2269	1	680	0.42	3.3/1.7	14.2/4	73/54	0.61/0.65
		18	D132/19	2.24	725	0.97	6.4/3.4	42/19	75/64	0.71/0.65
		28	D132/26	3.58	730	1.49	9.9/4.9	59/25	76/66	0.70/0.67
		32	D160/27	5.6	720	1.9	12.8/5.3	83/28	81/73	0.78/0.71
100JM/25/4-6/6/...	1450	10	D132/21	4.5	970	1.34	11.2/4.2	74/24	80/65	0.73/0.70
		14	D132/24	5.8	970	1.7	12.8/5.0	80/28	81/70	0.81/0.70
		20	D160/27	8.21	970	2.61	16.2/5.2	113/34	85/75	0.86/0.82
		26	D160/34	11.2	970	3.36	21.3/7.4	149/48	86/78	0.88/0.84
100JM/25/6-8/9/...	960	12	D132/19	2.24	725	0.97	6.4/3.4	42/19	75/64	0.71/0.65
		20	D132/26	3.58	730	1.49	9.9/4.9	59/25	76/66	0.70/0.67
		30	D160/27	5.6	720	1.9	12.8/5.3	83/28	81/73	0.78/0.71
		36	D160/34	8.2	720	3.5	20/10.4	130/54	82/73	0.72/0.67
100JM/25/4-6/9/...	1470	8	D132/24	5.8	970	1.7	12.8/5.0	80/28	81/70	0.81/0.70
		14	D160/27	8.21	970	2.61	16.2/5.2	113/34	85/75	0.86/0.82
		20	D160/34	11.2	970	3.36	21.3/7.4	149/48	86/78	0.88/0.84

Motor Frame Size Schedules: Two Speed (Full and Other Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
100JM/31/4-6/9/...	1470	8	D132/24	5.8	970	1.7	12.8/5.0	80/28	81/70	0.81/0.70
		14	D160/27	8.21	970	2.61	16.2/5.2	113/34	85/75	0.86/0.82
		18	D160/34	11.2	970	3.36	21.3/7.4	149/48	86/78	0.88/0.84
		22	D180/29	12.7	970	3.73	23.9/8.2	156/65	87/80	0.88/0.82
		26	D180/35	16.4	980	4.85	30/10.3	195/82	88/82	0.89/0.83
100JM/40/4-6/9/...	1470	10	D160/27	8.21	970	2.61	16.2/5.2	113/34	85/75	0.86/0.82
		16	D160/34	11.2	970	3.36	21.3/7.4	149/48	86/78	0.88/0.84
		18	D180/29	12.7	970	3.73	23.9/8.2	156/65	87/80	0.88/0.82
		22	D180/35	16.4	980	4.85	30/10.3	195/82	88/82	0.89/0.83
		26	D200/36	20.1	980	5.97	39.5/13.5	296/121	88/83	0.84/0.77
		34	D200/46	28.3	980	8.21	54/18.3	405/164	89/84	0.85/0.77
		36	W200/LFR	30	975	10	57/24	371/144	89.0/83.5	0.85/0.72
		40	W225/M	40	980	13	75/30	488/195	90.5/85	0.85/0.73
112JM/40/6-8/6/...	960	8	D132/19	2.24	725	0.97	6.4/3.4	42/19	75/64	0.71/0.65
		14	D132/26	3.58	730	1.49	9.9/4.9	59/25	76/66	0.70/0.67
		22	D160/27	5.6	720	1.9	12.8/5.3	83/28	81/73	0.78/0.71
		30	D160/34	8.2	720	3.5	20/10.4	130/54	82/73	0.72/0.67
		32	D160/38	10.5	720	4.4	22.5/10.6	124/44.5	82/77	0.82/0.78
112JM/40/4-6/6/...	1470	8	D160/27	8.21	970	2.61	16.2/5.2	113/34	85/75	0.86/0.82
		12	D160/34	11.2	970	3.36	21.3/7.4	149/48	86/78	0.88/0.84
		14	D180/29	12.7	970	3.73	23.9/8.2	156/65	87/80	0.88/0.82
		18	D180/35	16.4	980	4.85	30/10.3	195/82	88/82	0.89/0.83
		22	D200/36	20.1	980	5.97	39.5/13.5	296/121	88/83	0.84/0.77
		28	D200/46	28.3	980	8.21	54/18.3	405/164	89/84	0.85/0.77
		30	W200/LFR	30	975	10	57/24	371/144	89.0/83.5	0.85/0.72
		32	W225/M	40	980	13	75/30	488/195	90.5/85	0.85/0.73
112JM/40/6-8/9/...	960	8	D132/26	3.58	730	1.49	9.9/4.9	59/25	76/66	0.70/0.67
		18	D160/27	5.6	720	1.9	12.8/5.3	83/28	81/73	0.78/0.71
		24	D160/34	8.2	720	3.5	20/10.4	130/54	82/73	0.72/0.67
		30	D160/38	10.5	720	4.4	22.5/10.6	124/44.5	82/77	0.82/0.78
		30	D180/35	11.2	730	4.7	23.5/11.7	153/70	84/81	0.82/0.72
		36	D200/38	15	730	6.3	30.4/16	182/88	87/81	0.82/0.70
112JM/40/4-6/9/...	1470	8	D160/34	11.2	970	3.36	21.3/7.4	149/48	86/78	0.88/0.84
		10	D180/29	12.7	970	3.73	23.9/8.2	156/65	87/80	0.88/0.82
		14	D180/35	16.4	980	4.85	30/10.3	195/82	88/82	0.89/0.83
		18	D200/36	20.1	980	5.97	39.5/13.5	296/121	88/83	0.84/0.77
		24	D200/46	28.3	980	8.21	54/18.3	405/164	89/84	0.85/0.77
		24	W200/LFR	30	975	10	57/24	371/144	89.0/83.5	0.85/0.72
		30	W225/M	40	980	13	75/30	488/195	90.5/85	0.85/0.73
		34	W225/MF	49	980	16	90/37	585/241	91/86	0.86/0.73
112JM/50/6-8/12/...	960	16	D160/27	5.6	720	1.9	12.8/5.3	83/28	81/73	0.78/0.71
		22	D160/34	8.2	720	3.5	20/10.4	130/54	82/73	0.72/0.67
		28	D160/38	10.5	720	4.4	22.5/10.6	124/44.5	82/77	0.82/0.78
		28	D180/35	11.2	730	4.7	23.5/11.7	153/70	84/81	0.82/0.72
		34	D200/38	15	730	6.3	30.4/16	182/88	87/81	0.82/0.70
		36	W200/LFR	19	735	8.3	40/21	280/126	88.7/84.4	0.77/0.68
112JM/50/4-6/12/...	1470	8	D180/29	12.7	970	3.73	23.9/8.2	156/65	87/80	0.88/0.82
		12	D180/35	16.4	980	4.85	30/10.3	195/82	88/82	0.89/0.83
		16	D200/36	20.1	980	5.97	39.5/13.5	296/121	88/83	0.84/0.77
		22	D200/46	28.3	980	8.21	54/18.3	405/164	89/84	0.85/0.77
		24	W200/LFR	30	975	10	57/24	371/144	89.0/83.5	0.85/0.72
		28	W225/M	40	980	13	75/30	488/195	90.5/85	0.85/0.73
		32	W225/MF	49	980	16	90/37	585/241	91/86	0.86/0.73
		36	W250/M	66	985	22	121/50	787/325	91.5/87	0.86/0.73

Motor Frame Size Schedules: Two Speed (Full and Other Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed		Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
					rev/min	(kW)				
125JM/40/6-8/6/...	960	8	D132/26	3.58	730	1.49	9.9/4.9	59/25	76/66	0.70/0.67
		14	D160/27	5.6	720	1.9	12.8/5.3	83/28	81/73	0.78/0.71
		20	D160/34	8.2	720	3.5	20/10.4	130/54	82/73	0.72/0.67
		26	D160/38	10.5	720	4.4	22.5/10.6	124/44.5	82/77	0.82/0.78
		26	D180/35	11.2	730	4.7	23.5/11.7	153/70	84/81	0.82/0.72
		32	D200/38	15	730	6.3	30.4/16	182/88	87/81	0.82/0.70
125JM/40/4-6/6/...	1470	8	D160/34	11.2	970	3.36	21.3/7.4	149/48	86/78	0.88/0.84
		8	D180/29	12.7	970	3.73	23.9/8.2	156/65	87/80	0.88/0.82
		12	D180/35	16.4	980	4.85	30/10.3	195/82	88/82	0.89/0.83
		16	D200/36	20.1	980	5.97	39.5/13.5	296/121	88/83	0.84/0.77
		20	D200/46	28.3	980	8.21	54/18.3	405/164	89/84	0.85/0.77
		22	W200/LFR	30	975	10	57/24	371/144	89.0/83.5	0.85/0.72
		26	W225/M	40	980	13	75/30	488/195	90.5/85	0.85/0.73
		30	W225/MF	49	980	16	90/37	585/241	91/86	0.86/0.73
		32	W250/M	66	985	22	121/50	787/325	91.5/87	0.86/0.73
125JM/40/6-8/9/...	960	10	D160/27	5.6	720	1.9	12.8/5.3	83/28	81/73	0.78/0.71
		16	D160/34	8.2	720	3.5	20/10.4	130/54	82/73	0.72/0.67
		20	D160/38	10.5	720	4.4	22.5/10.6	124/44.5	82/77	0.82/0.78
		20	D180/35	11.2	730	4.7	23.5/11.7	153/70	84/81	0.82/0.72
		26	D200/38	15	730	6.3	30.4/16	182/88	87/81	0.82/0.70
		30	W200/LFR	19	735	8.3	40/21	280/126	88.7/84.4	0.77/0.68
		32	W225/M	22	735	9.5	48/24	336/192	89.4/86.2	0.74/0.66
		36	W225/MF	26	735	11.3	56/28	392/168	89.4/86.2	0.74/0.66
125JM/40/4-6/9/...	1470	10	D200/36	20.1	980	5.97	39.5/13.5	296/121	88/83	0.84/0.77
		16	D200/46	28.3	980	8.21	54/18.3	405/164	89/84	0.85/0.77
		16	W200/LFR	30	975	10	57/24	371/144	89.0/83.5	0.85/0.72
		20	W225/M	40	980	13	75/30	488/195	90.5/85	0.85/0.73
		24	W225/MF	49	980	16	90/37	585/241	91/86	0.86/0.73
		30	W250/M	66	985	22	121/50	787/325	91.5/87	0.86/0.73
		34	W250/MF	78	985	26	142/58	923/377	92/88	0.86/0.73
125JM/50/4-6/6/...	1470	8	D180/29	12.7	970	3.73	23.9/8.2	156/65	87/80	0.88/0.82
		12	D180/35	16.4	980	4.85	30/10.3	195/82	88/82	0.89/0.83
		14	D200/36	20.1	980	5.97	39.5/13.5	296/121	88/83	0.84/0.77
		20	D200/46	28.3	980	8.21	54/18.3	405/164	89/84	0.85/0.77
		22	W200/LFR	30	975	10	57/24	371/144	89.0/83.5	0.85/0.72
		26	W225/M	40	980	13	75/30	488/195	90.5/85	0.85/0.73
		30	W225/MF	49	980	16	90/37	585/241	91/86	0.86/0.73
		32	W250/M	66	985	22	121/50	787/325	91.5/87	0.86/0.73
125JM/50/4-6/9/...	1470	8	D180/35	16.4	980	4.85	30/10.3	195/82	88/82	0.89/0.83
		10	D200/36	20.1	980	5.97	39.5/13.5	296/121	88/83	0.84/0.77
		16	D200/46	28.3	980	8.21	54/18.3	405/164	89/84	0.85/0.77
		16	W200/LFR	30	975	10	57/24	371/144	89.0/83.5	0.85/0.72
		22	W225/M	40	980	13	75/30	488/195	90.5/85	0.85/0.73
		26	W225/MF	49	980	16	90/37	585/241	91/86	0.86/0.73
		30	W250/M	66	985	22	121/50	787/325	91.5/87	0.86/0.73
		34	W250/MF	78	985	26	142/58	923/377	92/88	0.86/0.73
125JM/50/6-8/12/...	960	14	D160/34	8.2	720	3.5	20/10.4	130/54	82/73	0.72/0.67
		18	D160/38	10.5	720	4.4	22.5/10.6	124/44.5	82/77	0.82/0.78
		18	D180/35	11.2	730	4.7	23.5/11.7	153/70	84/81	0.82/0.72
		22	D200/38	15	730	6.3	30.4/16	182/88	87/81	0.82/0.70
		26	W200/LFR	19	735	8.3	40/21	280/126	88.7/84.4	0.77/0.68
		30	W225/M	22	735	9.5	48/24	336/192	89.4/86.2	0.74/0.66
		34	W225/MF	26	735	11.3	56/28	392/168	89.4/86.2	0.74/0.66
		36	W250/M	38	735	15.4	73/36	511/216	91.2/88.9	0.78/0.69

JM AEROFOIL

Motor Frame Size Schedules: Two Speed (Full and Other Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed		Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
					rev/min	(kW)				
125JM/50/4-6/12/...	1470	12	D200/46	28.3	980	8.21	54/18.3	405/164	89/84	0.85/0.77
		14	W200/LFR	30	975	10	57/24	371/144	89.0/83.5	0.85/0.72
		18	W225/M	40	980	13	75/30	488/195	90.5/85	0.85/0.73
		22	W225/MF	49	980	16	90/37	585/241	91/86	0.86/0.73
		26	W250/M	66	985	22	121/50	787/325	91.5/87	0.86/0.73
		30	W250/MF	78	985	26	142/58	923/377	92/88	0.86/0.73
140JM/40/6-8/6/...	960	8	D160/27	5.6	720	1.9	12.8/5.3	83/28	81/73	0.78/0.71
		14	D160/34	8.2	720	3.5	20/10.4	130/54	82/73	0.72/0.67
		18	D160/38	10.5	720	4.4	22.5/10.6	124/44.5	82/77	0.82/0.78
		18	D180/35	11.2	730	4.7	23.5/11.7	153/70	84/81	0.82/0.72
		22	D200/38	15	730	6.3	30.4/16	182/88	87/81	0.82/0.70
		26	W200/LFR	19	735	8.3	40/21	280/126	88.7/84.4	0.77/0.68
		30	W225/M	22	735	9.5	48/24	336/192	89.4/86.2	0.74/0.66
		34	W225/MF	26	735	11.3	56/28	392/168	89.4/86.2	0.74/0.66
		36	W250/M	38	735	15.4	73/36	511/216	91.2/88.9	0.78/0.69
140JM/40/6-8/9/...	960	8	D160/34	8.2	720	3.5	20/10.4	130/54	82/73	0.72/0.67
		12	D160/38	10.5	720	4.4	22.5/10.6	124/44.5	82/77	0.82/0.78
		12	D180/35	11.2	730	4.7	23.5/11.7	153/70	84/81	0.82/0.72
		18	D200/38	15	730	6.3	30.4/16	182/88	87/81	0.82/0.70
		20	W200/LFR	19	735	8.3	40/21	280/126	88.7/84.4	0.77/0.68
		24	W225/M	22	735	9.5	48/24	336/192	89.4/86.2	0.74/0.66
		26	W225/MF	26	735	11.3	56/28	392/168	89.4/86.2	0.74/0.66
		36	W250/M	38	735	15.4	73/36	511/216	91.2/88.9	0.78/0.69
140JM/50/4-6/9/...	1470	10	D200/46	28.3	980	8.21	54/18.3	405/164	89/84	0.85/0.77
		10	W200/LFR	30	975	10	57/24	371/144	89.0/83.5	0.85/0.72
		14	W225/M	40	980	13	75/30	488/195	90.5/85	0.85/0.73
		18	W225/MF	49	980	16	90/37	585/241	91/86	0.86/0.73
		22	W250/M	66	985	22	121/50	787/325	91.5/87	0.86/0.73
		26	W250/MF	78	985	26	142/58	923/377	92/88	0.86/0.73
140JM/50/6-8/12/...	960	10	D160/38	10.5	720	4.4	22.5/10.6	124/44.5	82/77	0.82/0.78
		10	D180/35	11.2	730	4.7	23.5/11.7	153/70	84/81	0.82/0.72
		14	D200/38	15	730	6.3	30.4/16	182/88	87/81	0.82/0.70
		18	W200/LFR	19	735	8.3	40/21	280/126	88.7/84.4	0.77/0.68
		20	W225/M	22	735	9.5	48/24	336/192	89.4/86.2	0.74/0.66
		24	W225/MF	26	735	11.3	56/28	392/168	89.4/86.2	0.74/0.66
		32	W250/M	38	735	15.4	73/36	511/216	91.2/88.9	0.78/0.69
		34	W250/MF	40	735	17.3	81/41	567/246	91.7/88.2	0.79/0.69
140JM/50/4-6/12/...	1470	10	W225/M	40	980	13	75/30	488/195	90.5/85	0.85/0.73
		14	W225/MF	49	980	16	90/37	585/241	91/86	0.86/0.73
		18	W250/M	66	985	22	121/50	787/325	91.5/87	0.86/0.73
		22	W250/MF	78	985	26	142/58	923/377	92/88	0.86/0.73
160JM/40/6-8/6/...	960	8	D160/38	10.5	720	4.4	22.5/10.6	124/44.5	82/77	0.82/0.78
		8	D180/35	11.2	730	4.7	23.5/11.7	153/70	84/81	0.82/0.72
		14	D200/38	15	730	6.3	30.4/16	182/88	87/81	0.82/0.70
		16	W200/LFR	19	735	8.3	40/21	280/126	88.7/84.4	0.77/0.68
		18	W225/M	22	735	9.5	48/24	336/192	89.4/86.2	0.74/0.66
		22	W225/MF	26	735	11.3	56/28	392/168	89.4/86.2	0.74/0.66
		28	W250/M	38	735	15.4	73/36	511/216	91.2/88.9	0.78/0.69
		30	W250/MF	40	735	17.3	81/41	567/246	91.7/88.2	0.79/0.69
160JM/40/6-8/9/...	960	8	D200/38	15	730	6.3	30.4/16	182/88	87/81	0.82/0.70
		12	W200/LFR	19	735	8.3	40/21	280/126	88.7/84.4	0.77/0.68
		14	W225/M	22	735	9.5	48/24	336/192	89.4/86.2	0.74/0.66
		16	W225/MF	26	735	11.3	56/28	392/168	89.4/86.2	0.74/0.66
		22	W250/M	38	735	15.4	73/36	511/216	91.2/88.9	0.78/0.69
		24	W250/MF	40	735	17.3	81/41	567/246	91.7/88.2	0.79/0.69

Motor Frame Size Schedules: Two Speed (Full and Other Dual Wound)

400 V / 50 Hz / 3 ϕ

Code	Speed rev/min	Max. Pitch Angle (°)	Motor	Motor Rating (kW)	Low Speed rev/min	Low Speed (kW)	Full Load Current (A)	Starting Current d.o.l. (A)	Efficiency %	Power Factor cos Ø
160JM/50/6-8/9/...	960	8	D200/38	15	730	6.3	30.4/16	182/88	87/81	0.82/0.70
		12	W200/LFR	19	735	8.3	40/21	280/126	88.7/84.4	0.77/0.68
		14	W225/M	22	735	9.5	48/24	336/192	89.4/86.2	0.74/0.66
		16	W225/MF	26	735	11.3	56/28	392/168	89.4/86.2	0.74/0.66
		22	W250/M	38	735	15.4	73/36	511/216	91.2/88.9	0.78/0.69
		24	W250/MF	40	735	17.3	81/41	567/246	91.7/88.2	0.79/0.69
160JM/50/6-8/12/...	960	8	W200/LFR	19	735	8.3	40/21	280/126	88.7/84.4	0.77/0.68
		10	W225/M	22	735	9.5	48/24	336/192	89.4/86.2	0.74/0.66
		12	W225/MF	26	735	11.3	56/28	392/168	89.4/86.2	0.74/0.66
		20	W250/M	38	735	15.4	73/36	511/216	91.2/88.9	0.78/0.69
		20	W250/MF	40	735	17.3	81/41	567/246	91.7/88.2	0.79/0.69

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 31JM/16/6/5/...
315 mm 900 rev/min 5 Blades 50 Hz

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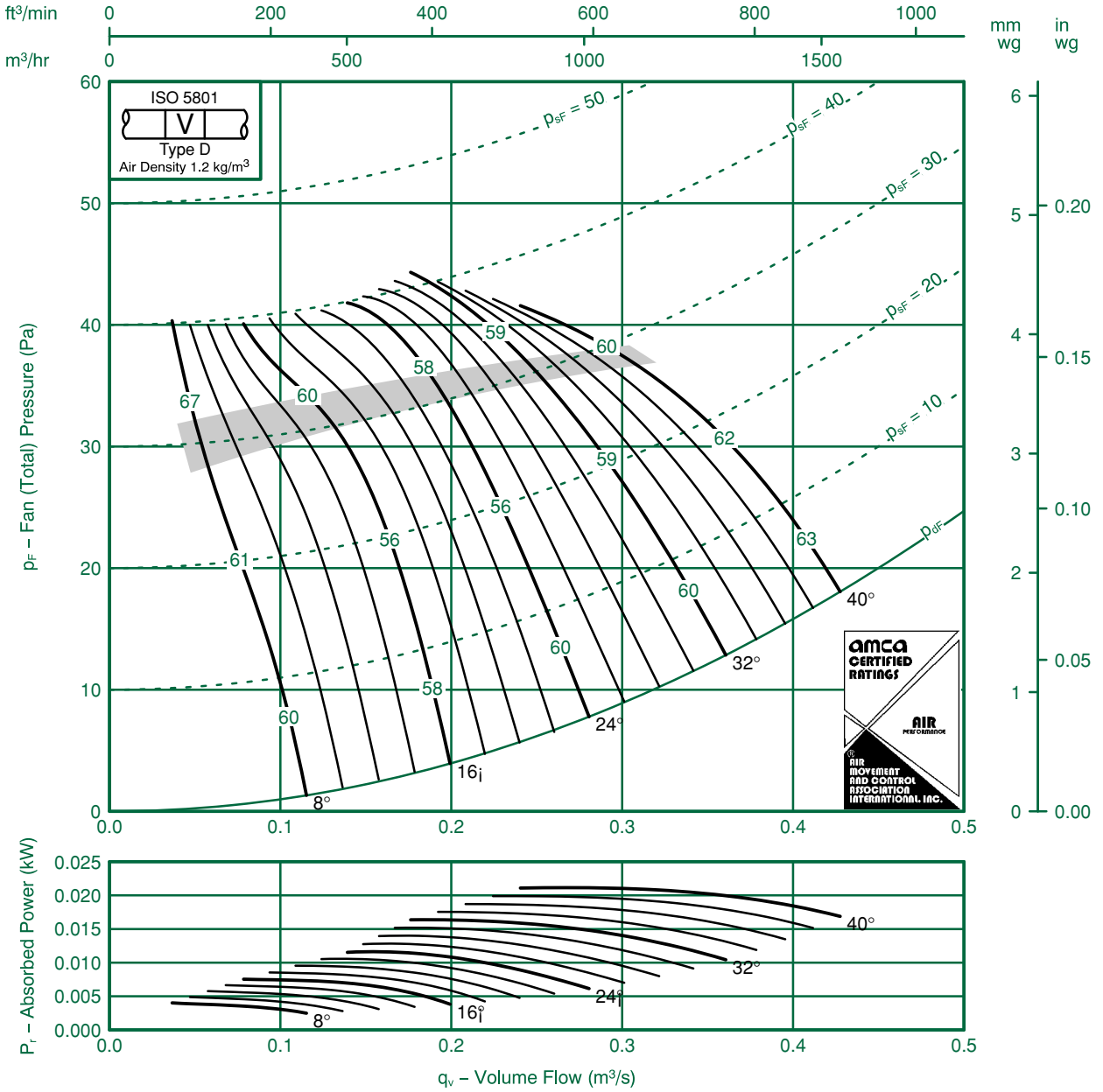

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—4 —8	—5 —9	—6 —3	—14 —8	—21 —15	—27 —22	—33 —30	—40 —38	8	—1 —5	—3 —8	—6 —3	—14 —8	—20 —15	—26 —21	—33 —28	—40 —36
16	—4 —4	—7 —7	—5 —6	—12 —10	—17 —13	—25 —18	—30 —24	—38 —30	16	—1 —1	—6 —6	—5 —6	—12 —10	—17 —13	—24 —17	—30 —24	—38 —30
24 —40	—2 —3	—7 —8	—8 —8	—14 —1	—16 —15	—22 —20	—25 —25	—30 —31	24 —40	0 1	—7 —6	—8 —8	—13 —1	—15 —15	—20 —20	—24 —24	—28 —30

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 31JM/16/4/5/...
315 mm 1420 rev/min 5 Blades 50 Hz

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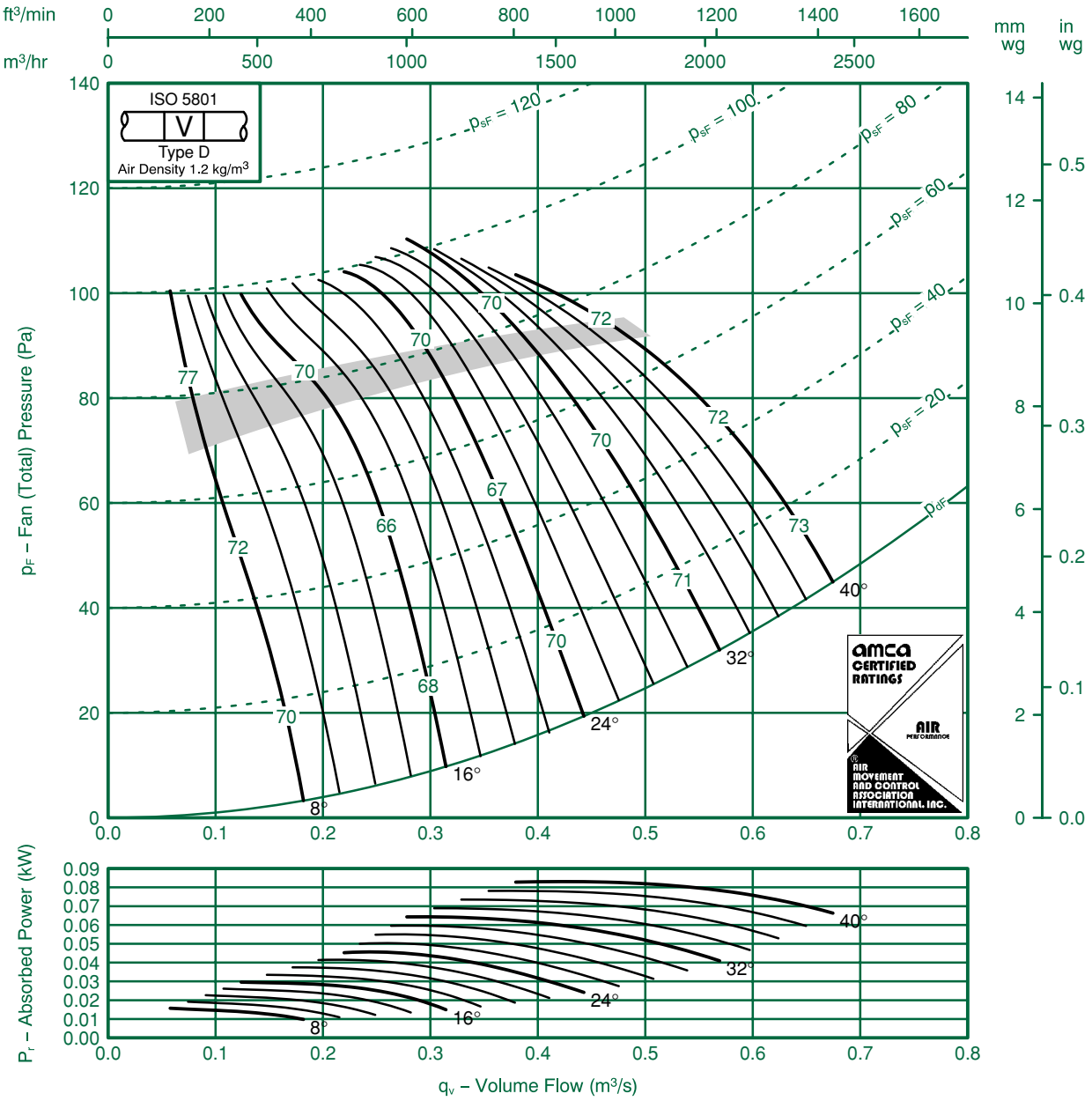

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—7 —12	—5 —8	—5 —8	—8 —3	—17 —1	—23 —17	—30 —25	—36 —32	8	—5 —1	—3 —5	—4 —8	—8 —3	—17 —1	—22 —17	—30 —23	—35 —30
16	—1 —10	—4 —5	—9 —7	—5 —6	—14 —1	—20 —14	—27 —21	—33 —26	16	—9 —8	—1 —2	—8 —7	—5 —6	—13 —1	—19 —14	—27 —21	—33 —26
24 —40	—3 —6	—6 —4	—9 —9	—1 —9	—16 —13	—20 —17	—25 —23	—29 —28	24 —40	—2 —4	—4 —1	—9 —8	—1 —9	—15 —13	—18 —16	—23 —22	—27 —27

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 31JM/16/2/5/...
315 mm 2840 rev/min 5 Blades 50 Hz

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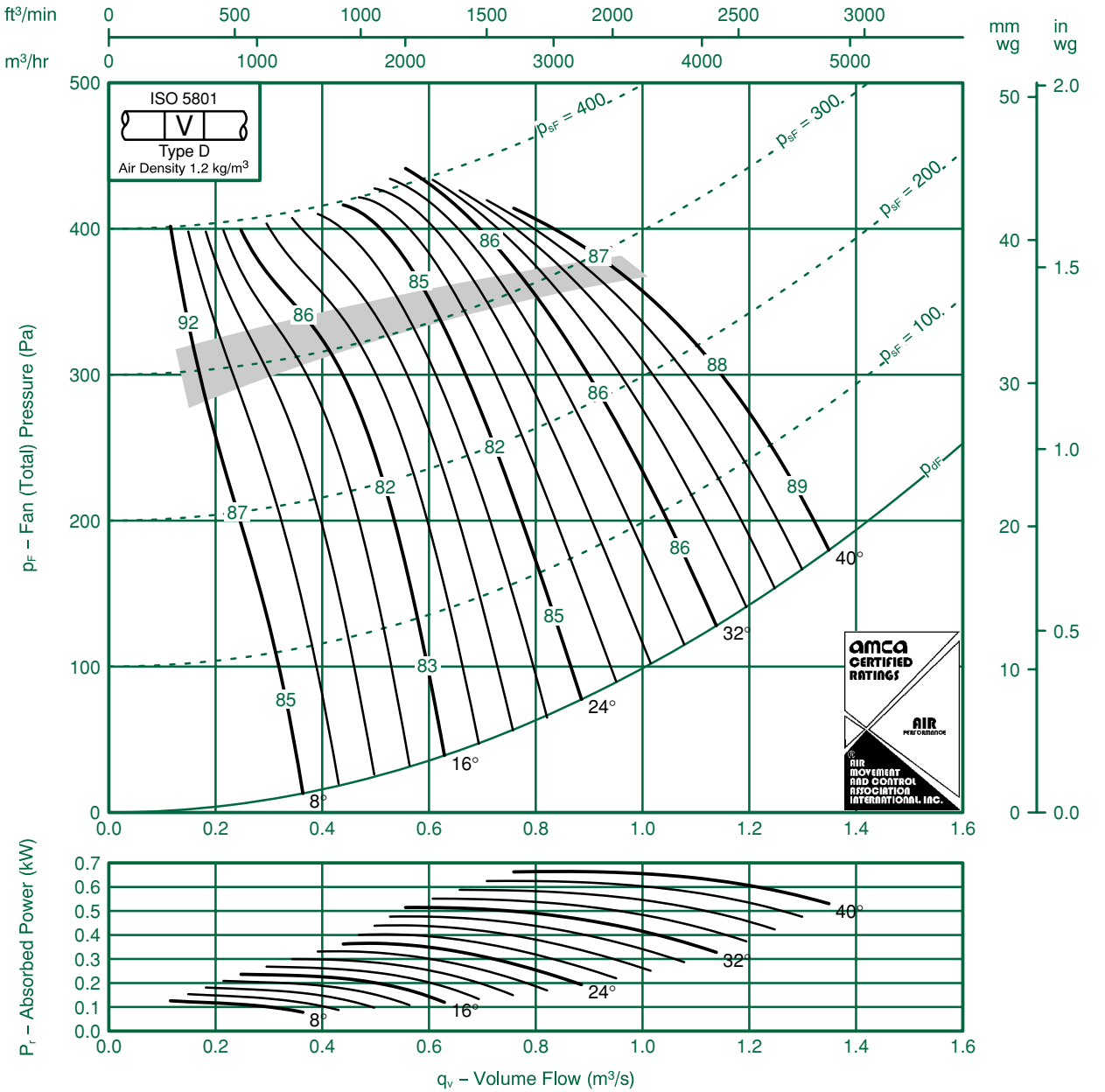

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—12 —16	—7 —13	—6 —8	—5 —8	—9 —3	—17 —1	—24 —17	—30 —25	8	—10 —14	—7 —12	—3 —6	—4 —8	—8 —3	—16 —1	—24 —16	—29 —23
16	—14 —15	—1 —10	—4 —5	—9 —7	—5 —7	—14 —1	—20 —15	—27 —21	16	—13 —13	—1 —10	—1 —2	—8 —7	—5 —6	—13 —1	—20 —15	—27 —21
—40	—9 —9	—4 —7	—6 —5	—10 —10	—12 —10	—17 —14	—20 —18	—25 —23	24 —40	—7 —7	—4 —6	—5 —1	—9 —9	—1 —10	—15 —13	—18 —16	—23 —22

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 35JM/16/6/5/...
355 mm 900 rev/min 5 Blades 50 Hz

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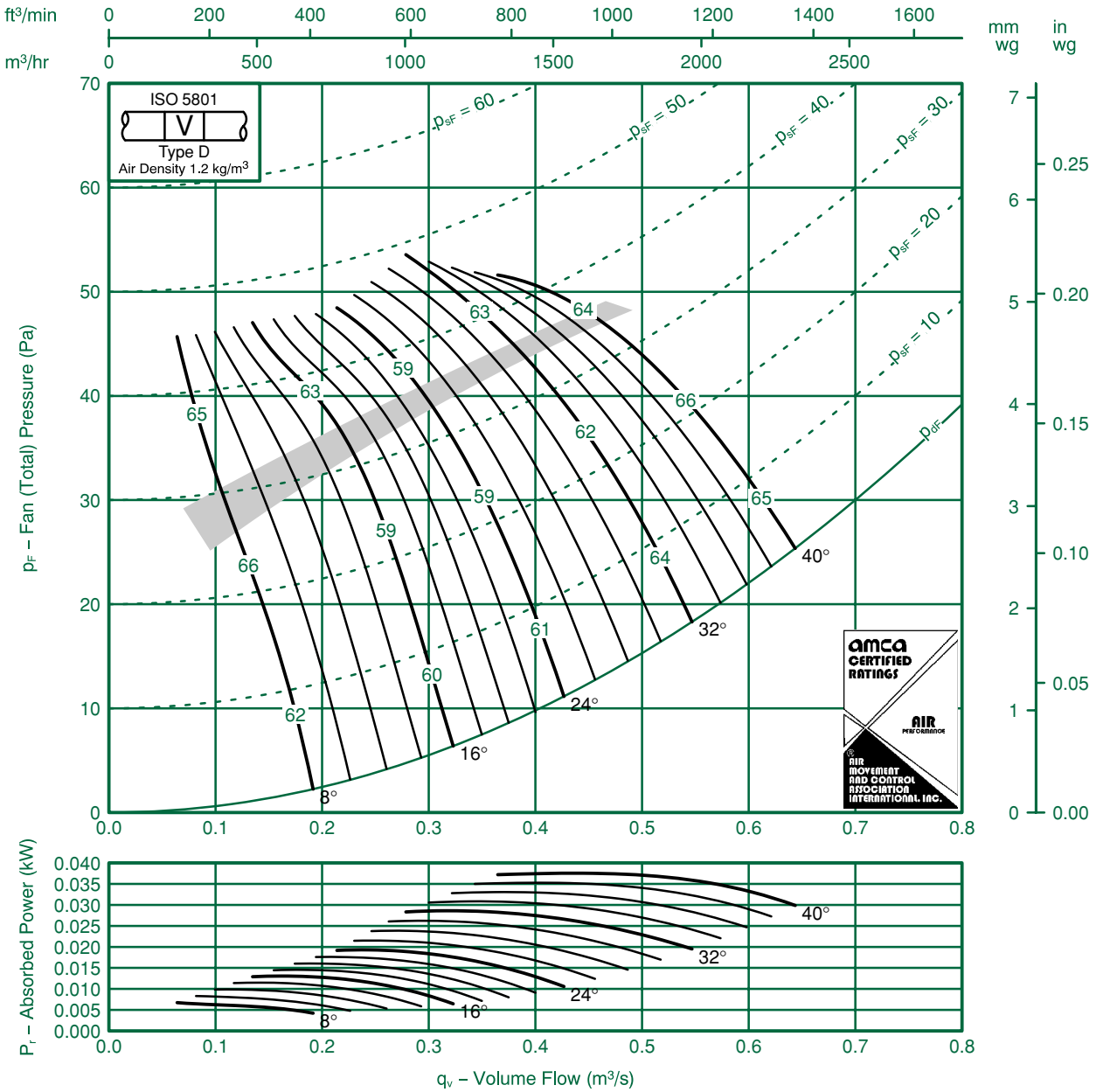

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—6 —10	—6 —9	—4 —3	—10 —7	—18 —14	—25 —19	—32 —28	—41 —35	8	—3 —8	—5 —8	—4 —3	—10 —7	—18 —14	—24 —19	—32 —27	—40 —33
16	—6 —6	—7 —7	—4 —6	—12 —8	—14 **—1**	—19 —15	—25 —22	—30 —26	16	—3 —3	—6 —7	—4 —6	—12 —8	—13 **—1**	—18 —14	—25 —22	—30 —26
24 —40	—4 —4	—6 —7	—6 —6	**—1** **—1**	—16 —14	—21 —18	—25 —25	—32 —30	24 —40	—2 —1	—6 —6	—6 —6	**—1** **—1**	—15 —14	—19 —18	—24 —24	—30 —29

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 35JM/16/4/5/...
355 mm 1420 rev/min 5 Blades 50 Hz

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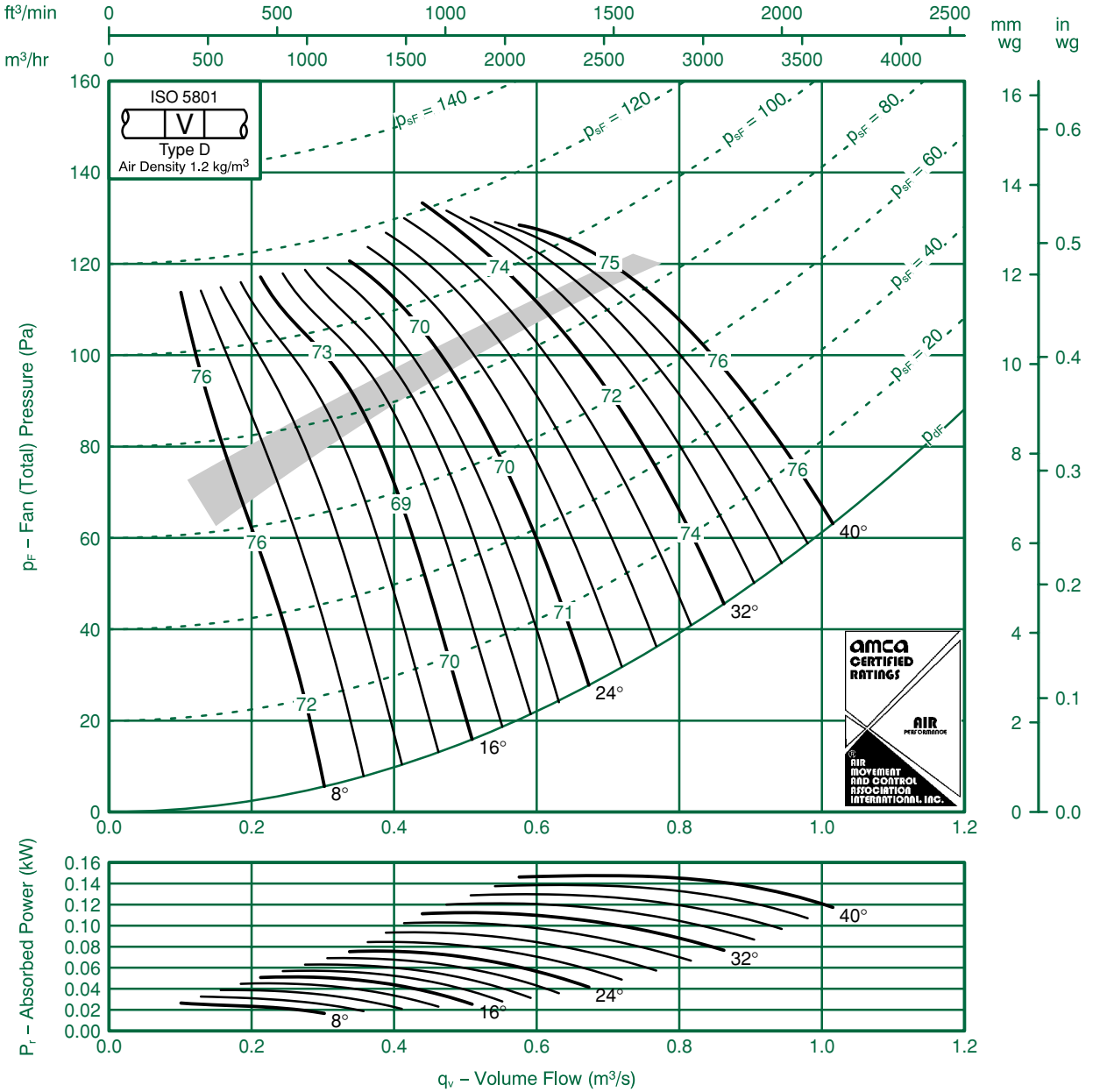

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8	—9 —14	—7 —10	—5 —7	—5 —3	—13 —10	—20 —16	—27 —22	—35 —31	8	—6 —12	—5 —8	—4 —7	—5 —3	—13 —9	—20 —16	—27 —20	—35 —29
16	—12 —10	—6 —6	—6 —7	—5 —6	—13 —9	—15 —12	—21 —17	—27 —24	16	—10 —9	—3 —3	—6 —6	—5 —6	—12 —9	—14 —12	—21 —17	—27 —24
24 —40	—5 —7	—6 —5	—7 —8	—8 —7	—14 —12	—18 —16	—23 —21	—28 —27	24 —40	—3 —5	—5 —2	—7 —7	—7 —7	—13 —12	—17 —16	—21 —20	—26 —26

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 35JM/16/2/5/...
355 mm 2840 rev/min 5 Blades 50 Hz

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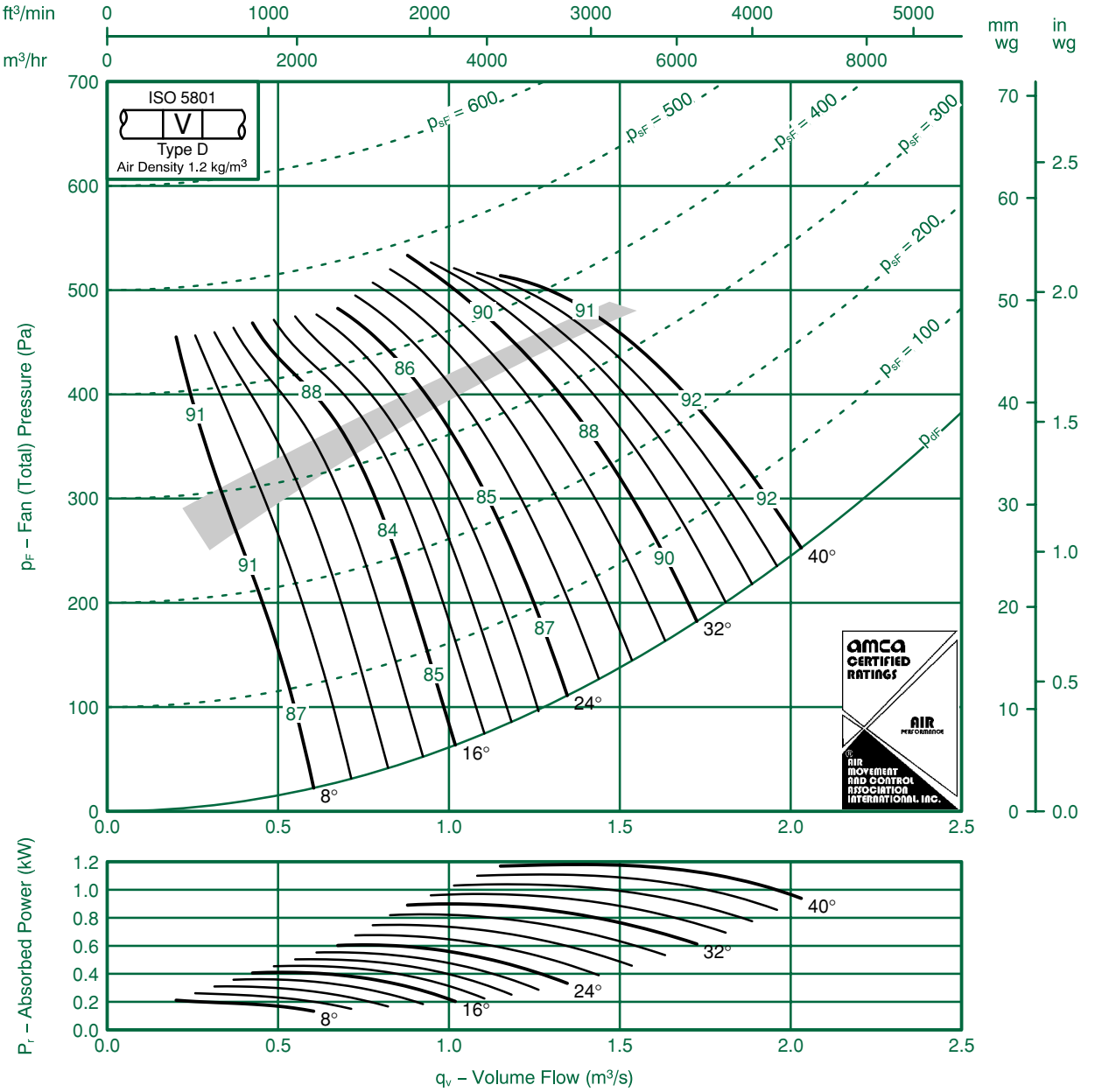

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8	—13 —17	—9 —14	—7 —10	—5 —7	—6 —3	—13 —10	—21 —16	—28 —22	8	—10 —15	—8 —14	—5 —8	—4 —7	—5 —3	—12 —9	—21 —15	—27 —20
16	—12 —1	—12 —1	—6 —7	—7 —7	—5 —7	—13 —10	—16 —13	—22 —17	16	—1 —10	—12 —1	—3 —4	—6 —7	—5 —6	—12 —9	—16 —13	—21 —17
24 —40	—8 —8	—6 —8	—7 —6	—8 —8	—9 —8	—14 —13	—19 —17	—24 —22	24 —40	—6 —5	—5 —7	—6 —3	—7 —8	—8 —8	—13 —13	—17 —16	—22 —21

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 40JM/16/6/5/...
400 mm 900 rev/min 5 Blades 50 Hz

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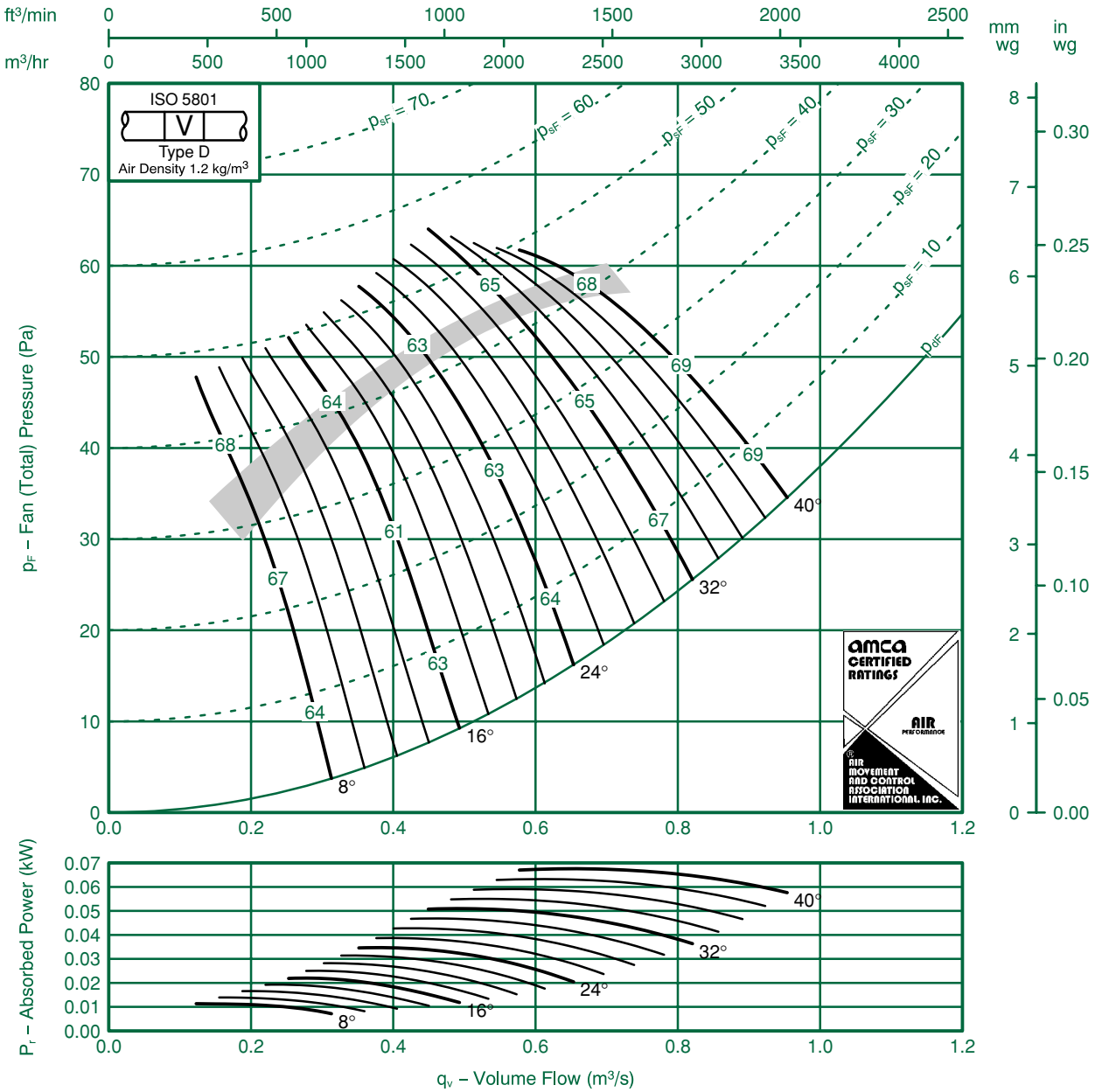

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8	—6 —9	—7 —9	—4 —5	—8 —5	—15 —1	—22 —16	—30 —24	—38 —31	8	—4 —6	—6 —8	—4 —5	—8 —5	—15 —1	—21 —16	—30 —23	—38 —29
16	—5 —4	—6 —7	—7 —8	—9 —9	—12 —1	—17 —14	—24 —20	—30 —24	16	—2 —1	—5 —6	—7 —8	—9 —9	—1 —1	—16 —13	—24 —20	—30 —24
24 —40	—3 —3	—7 —7	—8 —8	—1 —1	—14 —14	—18 —17	—23 —23	—28 —28	24 —40	—1 0	—6 —6	—8 —8	—10 —1	—13 —14	—16 —17	—21 —22	—26 —27

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 40JM/16/4/5/...
400 mm 1420 rev/min 5 Blades 50 Hz

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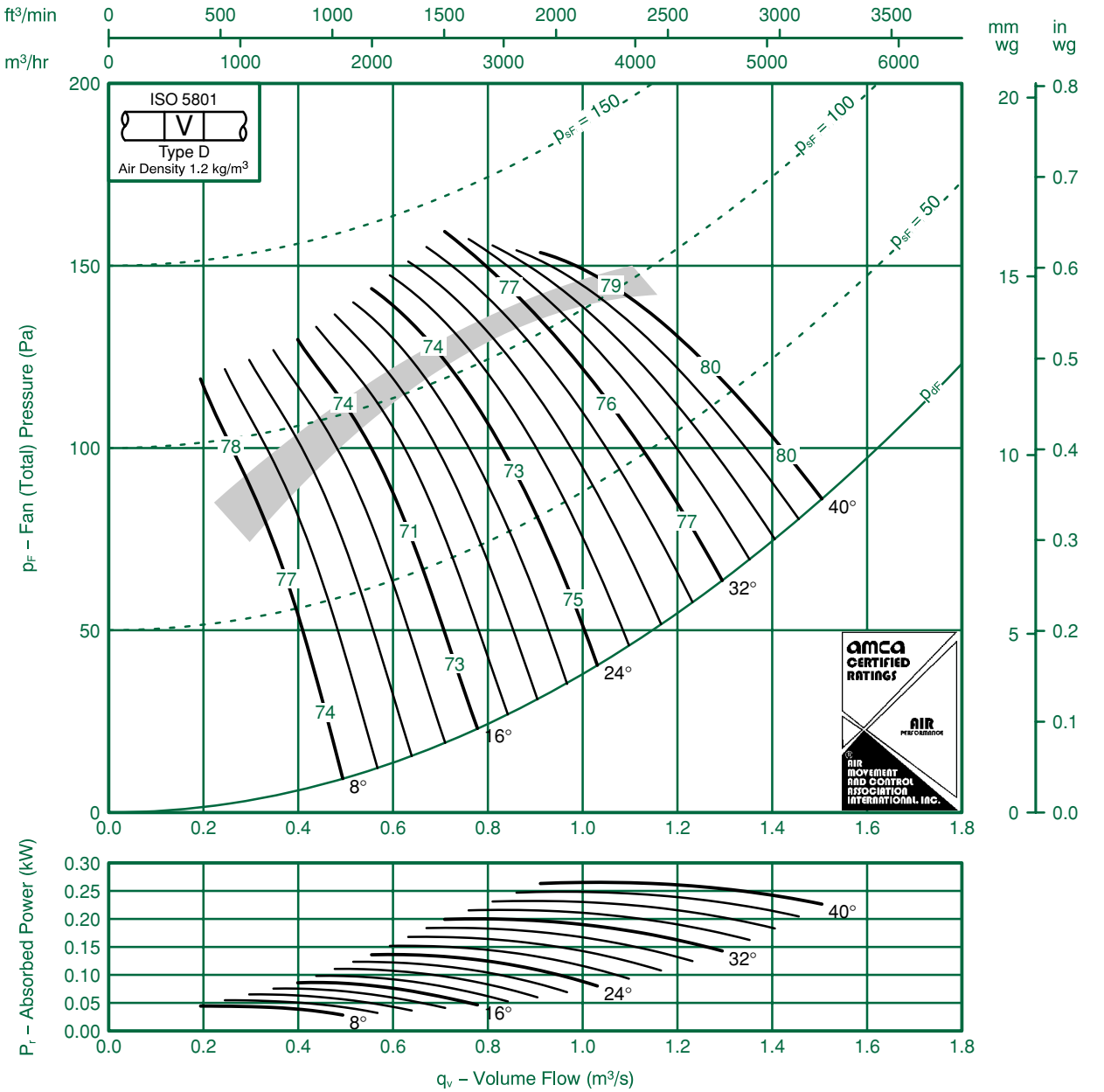

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	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—10 —13	—7 —9	—6 —7	—5 —4	—1 —8	—18 —13	—25 —19	—33 —26	8	—7 —1	—5 —6	—5 —7	—5 —4	—1 —8	—17 —13	—25 —17	—32 —24
16	—10 —10	—4 —5	—7 —7	—7 —8	—1 —10	—14 —12	—20 —16	—26 —22	16	—8 —8	—2 —2	—7 —7	—7 —8	—10 —9	—13 —12	—20 —16	—26 —22
24 —40	—4 —6	—6 —5	—8 —8	—9 —9	—14 —12	—17 —15	—21 —20	—26 —26	24 —40	—3 —4	—4 —2	—8 —7	—9 —9	—13 —12	—15 —15	—19 —19	—24 —25

JM AEROFOIL

BS 5750 Pt 1
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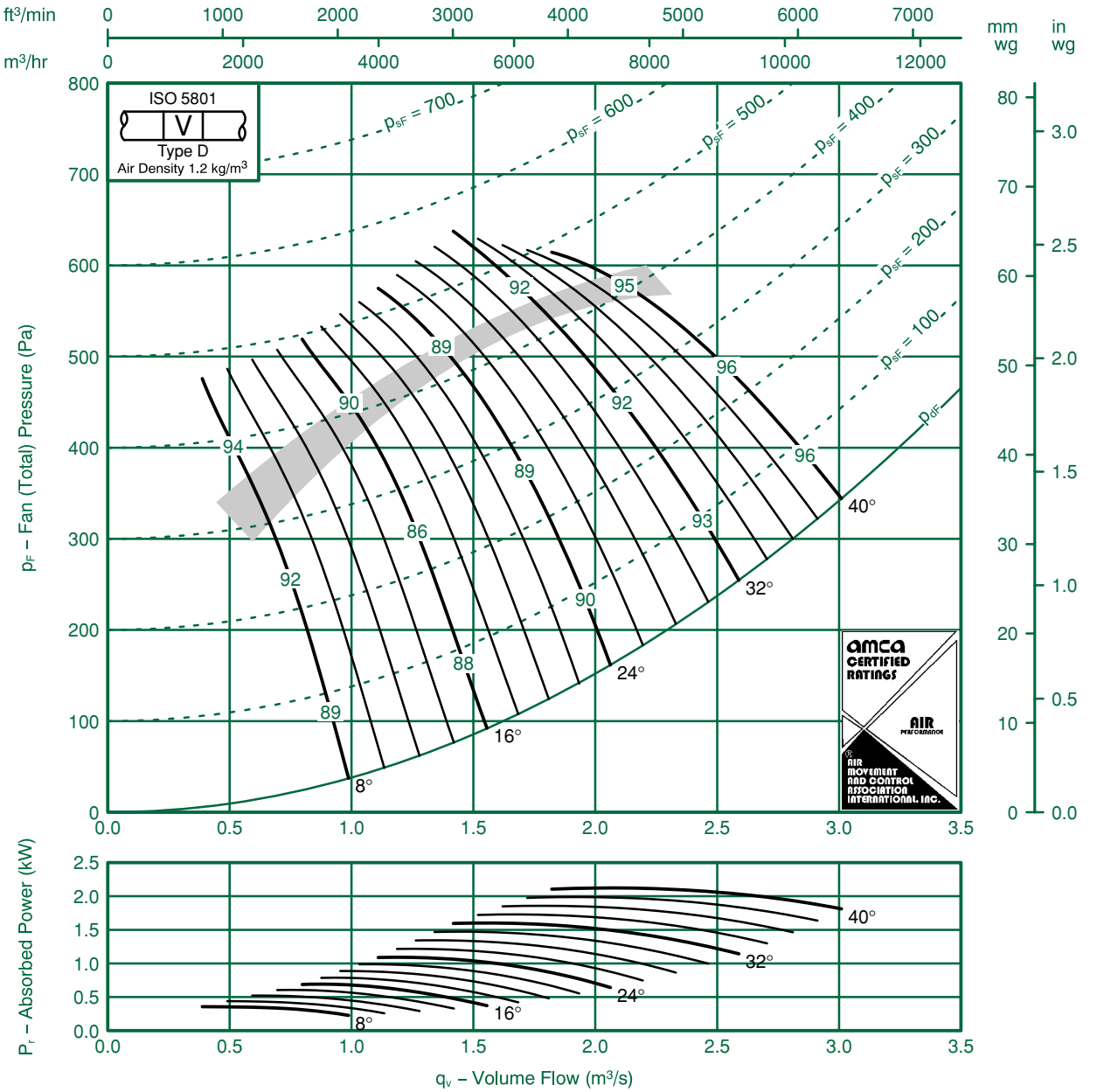

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	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—14 —16	—10 —14	—8 —9	—7 —8	—5 —5	—12 —8	—19 —14	—26 —19	8	—1 —14	—9 —13	—5 —6	—5 —7	—5 —4	—10 —7	—19 —12	—25 —17
16	—12 —12	—1 —1	—5 —5	—8 —8	—8 —9	—1 —10	—15 —13	—21 —17	16	—10 —10	—10 —10	—2 —2	—7 —7	—6 —8	—10 —10	—14 —12	—20 —16
24 —40	—8 —8	—5 —7	—7 —6	—9 —9	—1 —10	—15 —13	—18 —17	—22 —21	24 —40	—6 —6	—5 —7	—5 —2	—8 —8	—9 —10	—13 —13	—16 —15	—20 —20

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 45JM/16/6/5/...
450 mm 900 rev/min 5 Blades 50 Hz

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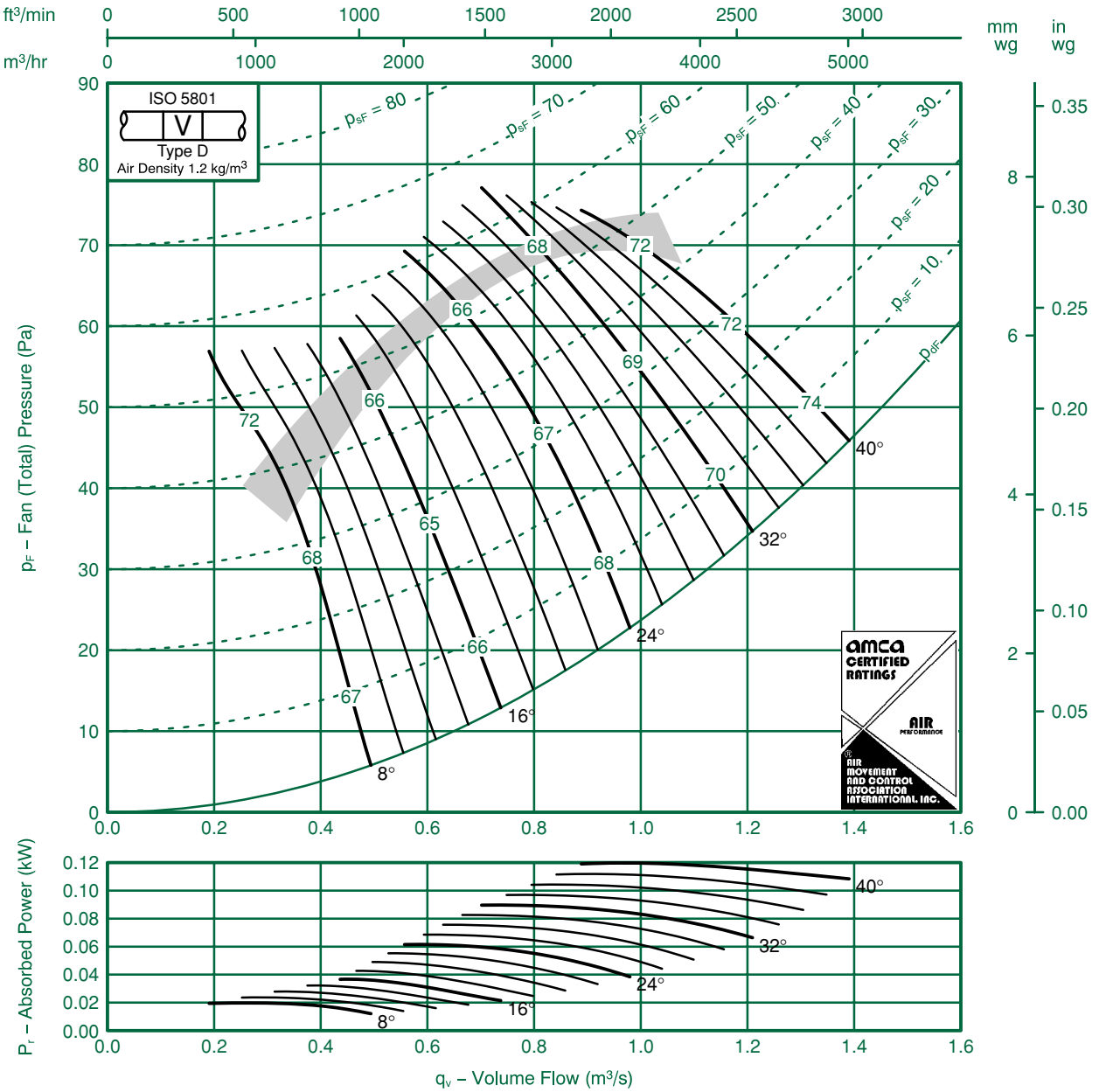

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	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—6 —7	—8 —9	—4 —8	—7 —5	—13 —9	—20 —14	—28 —20	—36 —26	8	—4 —6	—8 —9	—4 —8	—7 —5	—13 —9	—20 —13	—27 —20	—34 —25
16	—4 —3	—7 —7	—8 —10	—8 —10	—1 —1	—16 —14	—23 —19	—30 —22	16	—4 —2	—7 —8	—8 —10	—8 —10	—1 —1	—16 —14	—22 —18	—28 —20
24 —40	—3 —3	—7 —7	—1 —10	—1 —1	—14 —14	—16 —16	—21 —22	—24 —27	24 —40	—2 —2	—7 —7	—1 —10	—1 —1	—14 —14	—16 —16	—21 —21	—23 —25

JM AEROFOIL

BS 5750 Pt 1
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ISO 9001

Fan Code: 45JM/20/6/3/...
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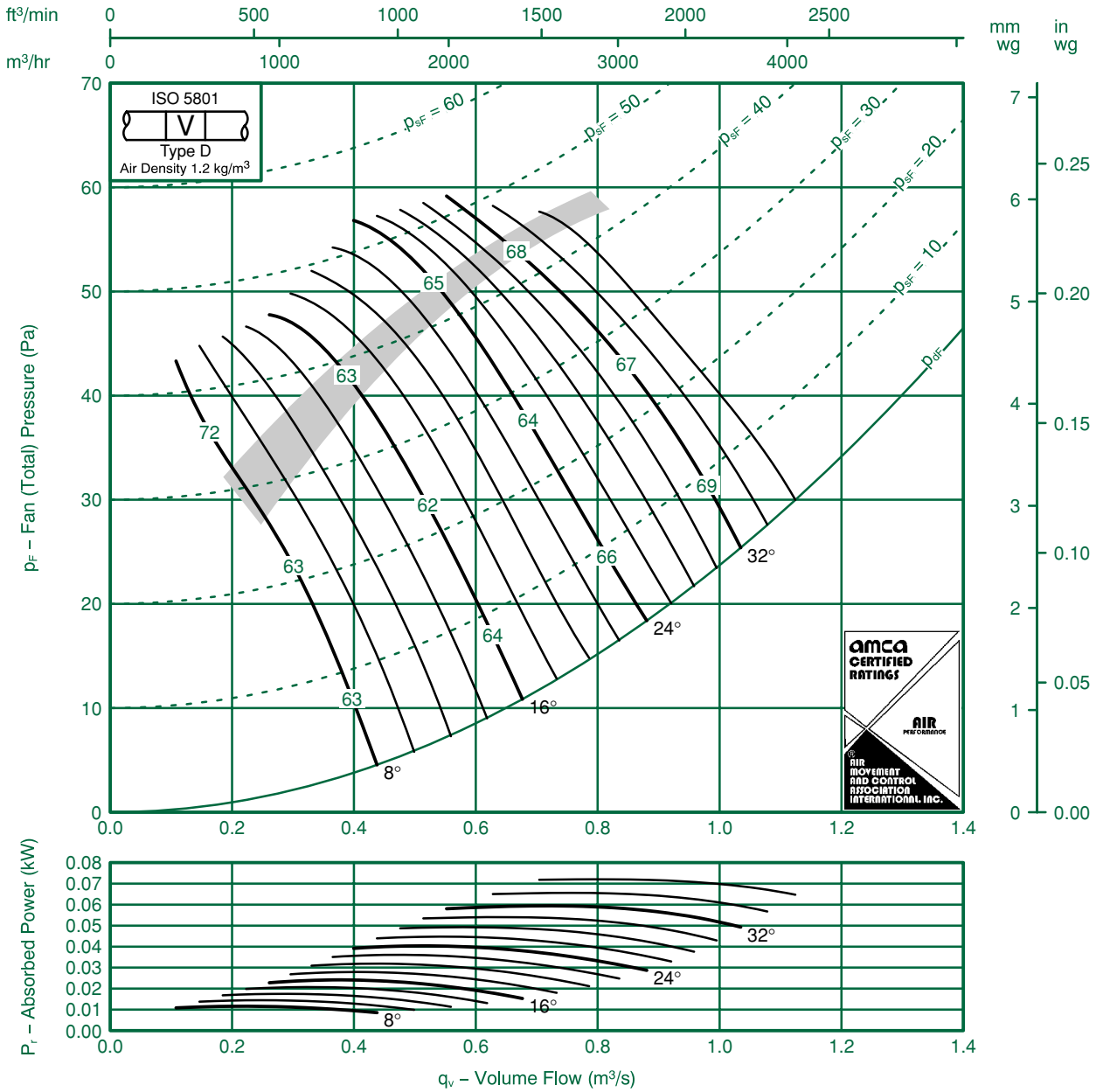

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Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—15 —10	—9 —8	—3 —5	—5 —6	—14 —1	—23 —14	—32 —20	—42 —24	8	—13 —7	—9 —8	—3 —5	—5 —6	—13 —1	—22 —13	—31 —18	—40 —22
16	—8 —6	—6 —7	—4 —5	—9 —8	—14 —12	—17 —16	—23 —22	—28 —27	16	—7 —4	—5 —7	—4 —5	—9 —8	—13 —12	—17 —15	—22 —22	—27 —26
24 —36	—5 —4	—5 —6	—8 —7	—10 —10	—13 —13	—17 —17	—21 —24	—25 —29	24 —36	—3 —2	—5 —5	—8 —7	—10 —10	—13 —13	—16 —16	—19 —23	—22 —27

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 45JM/20/6/6/...
450 mm 900 rev/min 6 Blades 50 Hz

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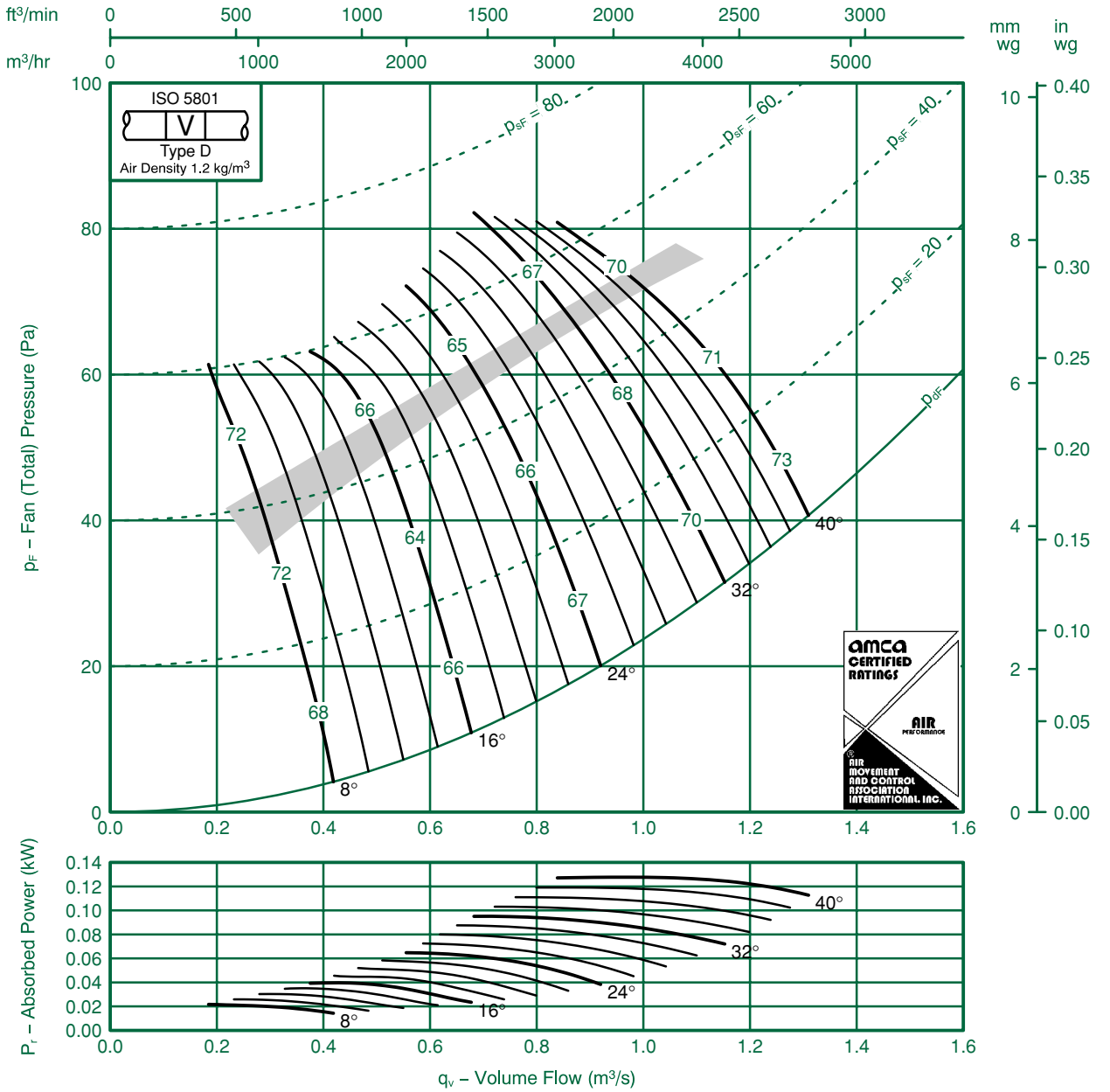

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—13 —15	—10 —10	—3 —5	—5 —4	—13 —10	—22 —15	—32 —24	—42 —31	8	—1 —14	—8 —8	—3 —5	—5 —4	—13 —10	—21 —15	—32 —23	—41 —29
16	—10 —1	—6 —6	—4 —5	—8 —7	—1 —10	—16 —13	—24 —20	—29 —24	16	—9 —10	—5 —5	—4 —5	—8 —7	—1 —10	—15 —13	—24 —20	—29 —23
24 —40	—6 —7	—6 —6	—5 —6	—9 —8	—13 —12	—16 —15	—21 —23	—26 —28	24 —40	—5 —5	—5 —4	—5 —6	—9 —8	—12 —12	—15 —15	—20 —22	—25 —27

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 45JM/16/4/5/...
450 mm 1420 rev/min 5 Blades 50 Hz

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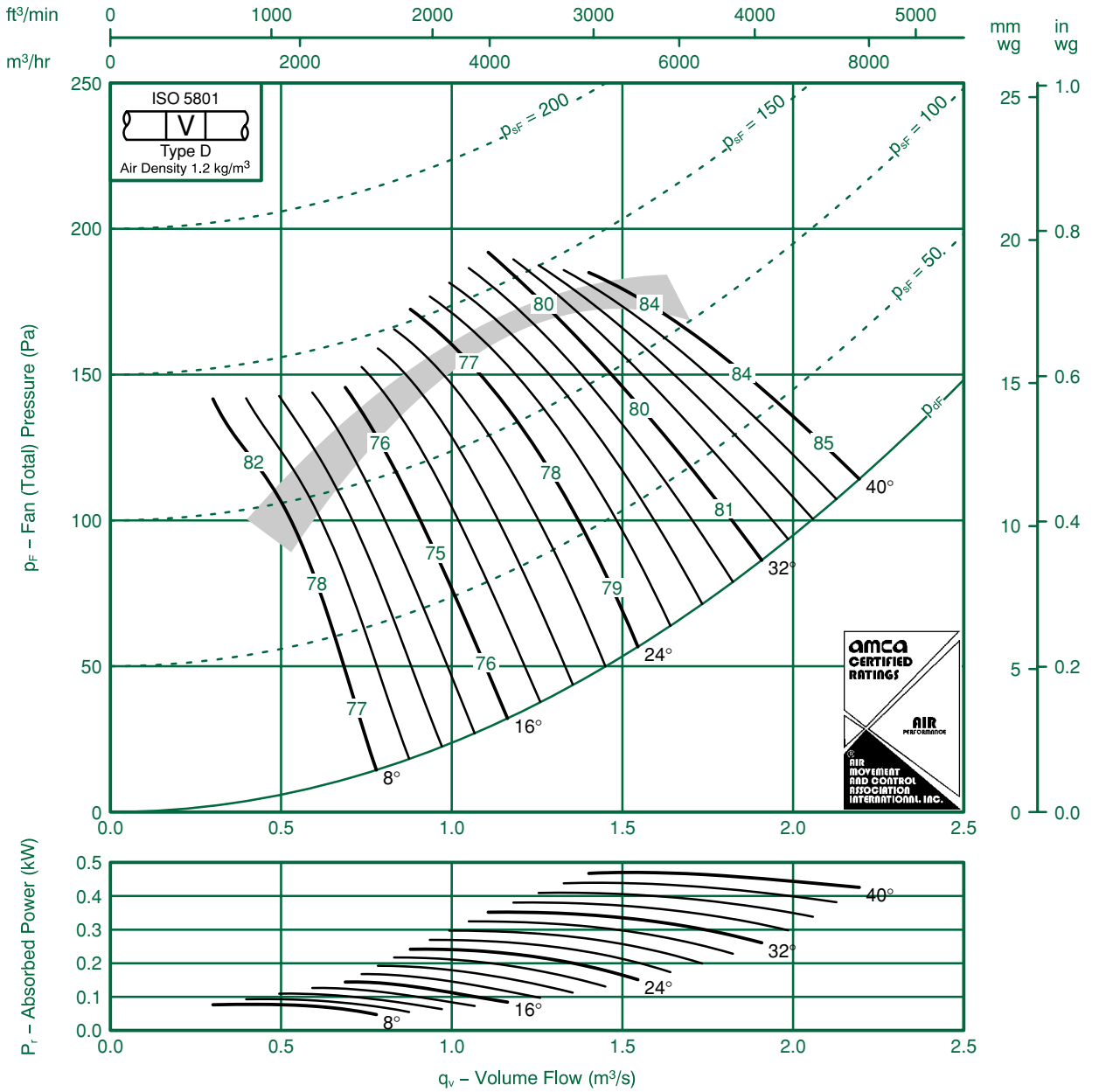

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Pitch Angle	Octave Band Centre Frequency (Hz)							
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8	—1 —13	—7 —7	—8 —9	—4 —5	—9 —6	—16 —1	—23 —16	—31 —22
16	—9 —10	—4 —3	—9 —9	—7 —10	—9 —1	—13 —12	—19 —16	—26 —20
24 —40	—4 —6	—5 —4	—9 —8	—1 —1	—15 —13	—16 —15	—20 —20	—24 —25

Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)							
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8	—10 —13	—5 —6	—7 —9	—4 —5	—9 —6	—16 —9	—22 —16	—29 —21
16	—8 —10	—4 —3	—9 —9	—7 —10	—9 —1	—13 —12	—18 —15	—24 —18
24 —40	—3 —5	—5 —4	—9 —8	—1 —1	—15 —13	—16 —15	—19 —19	—23 —23

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 45JM/20/4/3/...
450 mm 1420 rev/min 3 Blades 50 Hz

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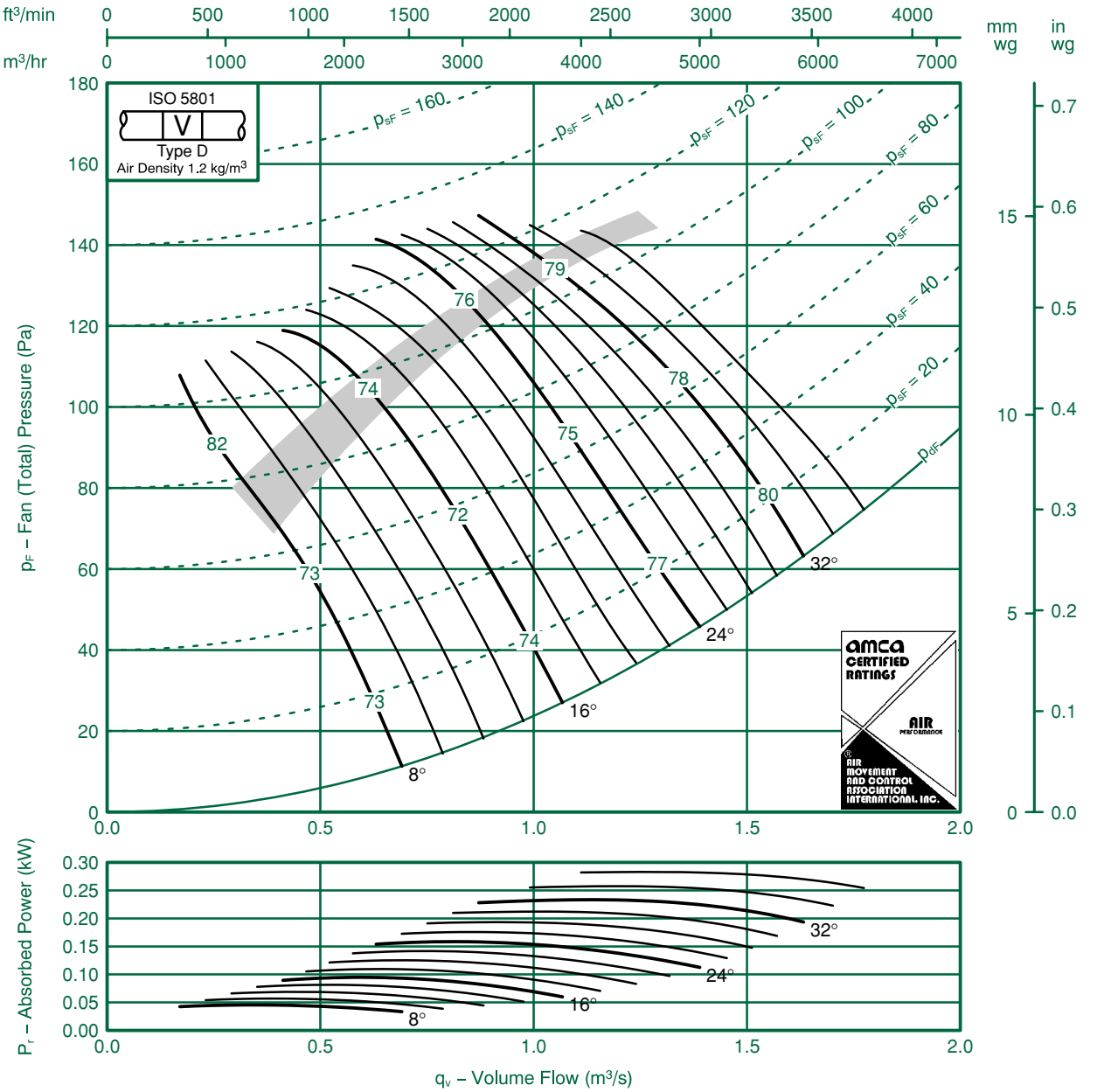

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16	—8 —6	—7 —8	—5 —6	—7 —7	—12 —10	—16 —14	—20 —17	—26 —24
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16	—6 —4	—6 —8	—5 —6	—7 —7	—12 —10	—15 —14	—19 —17	—25 —23
24 —36	—3 —1	—7 —9	—6 —6	—10 —9	—12 —1	—15 —15	—17 —18	—21 —24

JM AEROFOIL

BS 5750 Pt 1
EN 29001
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Fan Code: 45JM/20/4/6/...
450 mm 1420 rev/min 6 Blades 50 Hz

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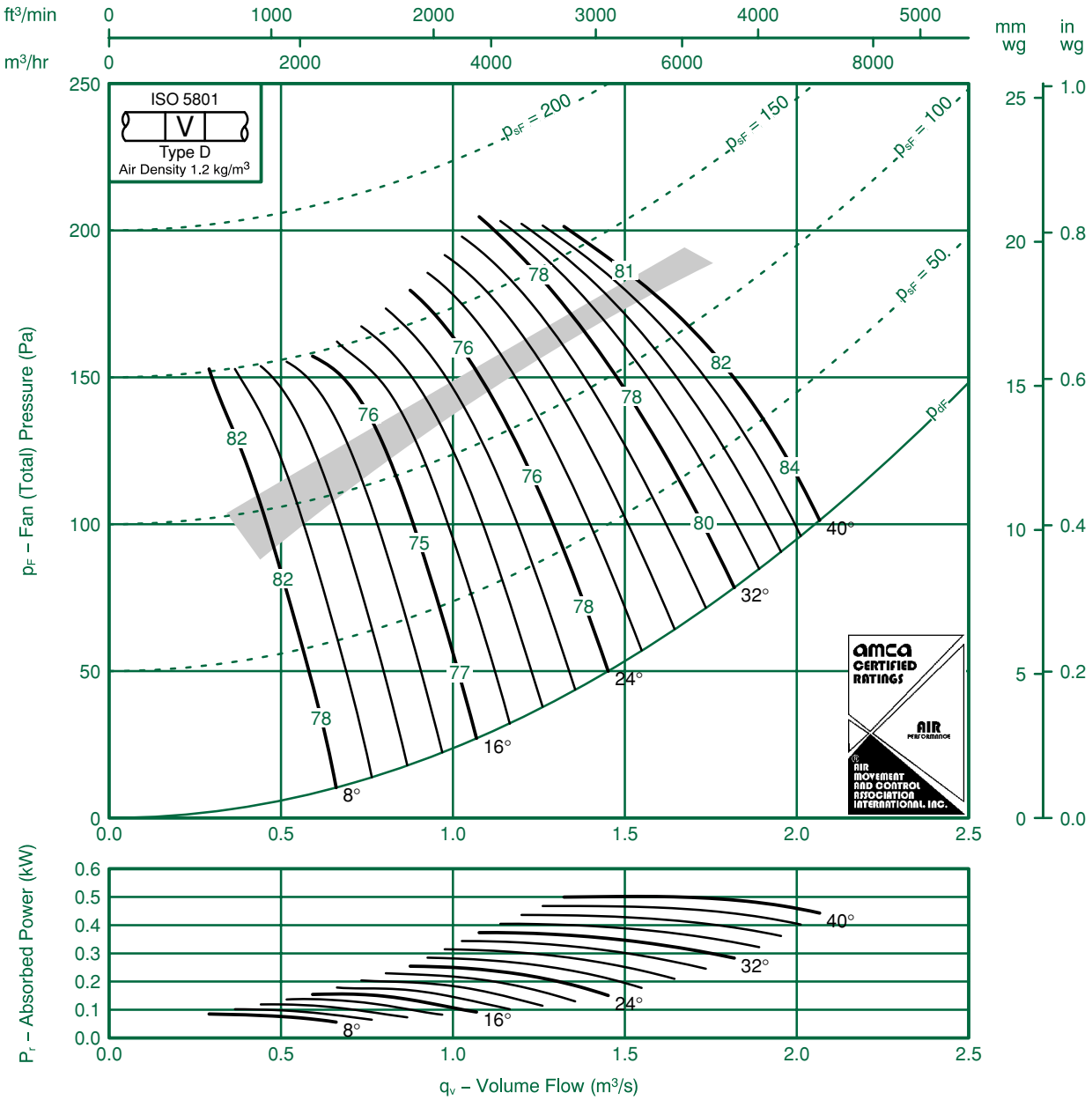

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8	—17 —19	—12 —13	—6 —6	—4 —5	—7 —5	—17 —13	—24 —17	—36 —26	8	—15 —17	—10 —1	—6 —6	—4 —5	—7 —5	—16 —12	—24 —16	—34 —25
16	—14 —15	—6 —7	—4 —5	—8 —7	—9 —8	—13 —12	—18 —14	—26 —22	16	—13 —14	—5 —5	—4 —5	—8 —7	—9 —8	—13 —12	—18 —14	—25 —21
24 —40	—7 —9	—6 —6	—6 —6	—9 —9	—1 —9	—15 —14	—19 —17	—24 —25	24 —40	—5 —6	—5 —3	—6 —6	—9 —9	—10 —9	—14 —14	—17 —16	—22 —24

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 45JM/16/2/5/...
450 mm 2840 rev/min 5 Blades 50 Hz

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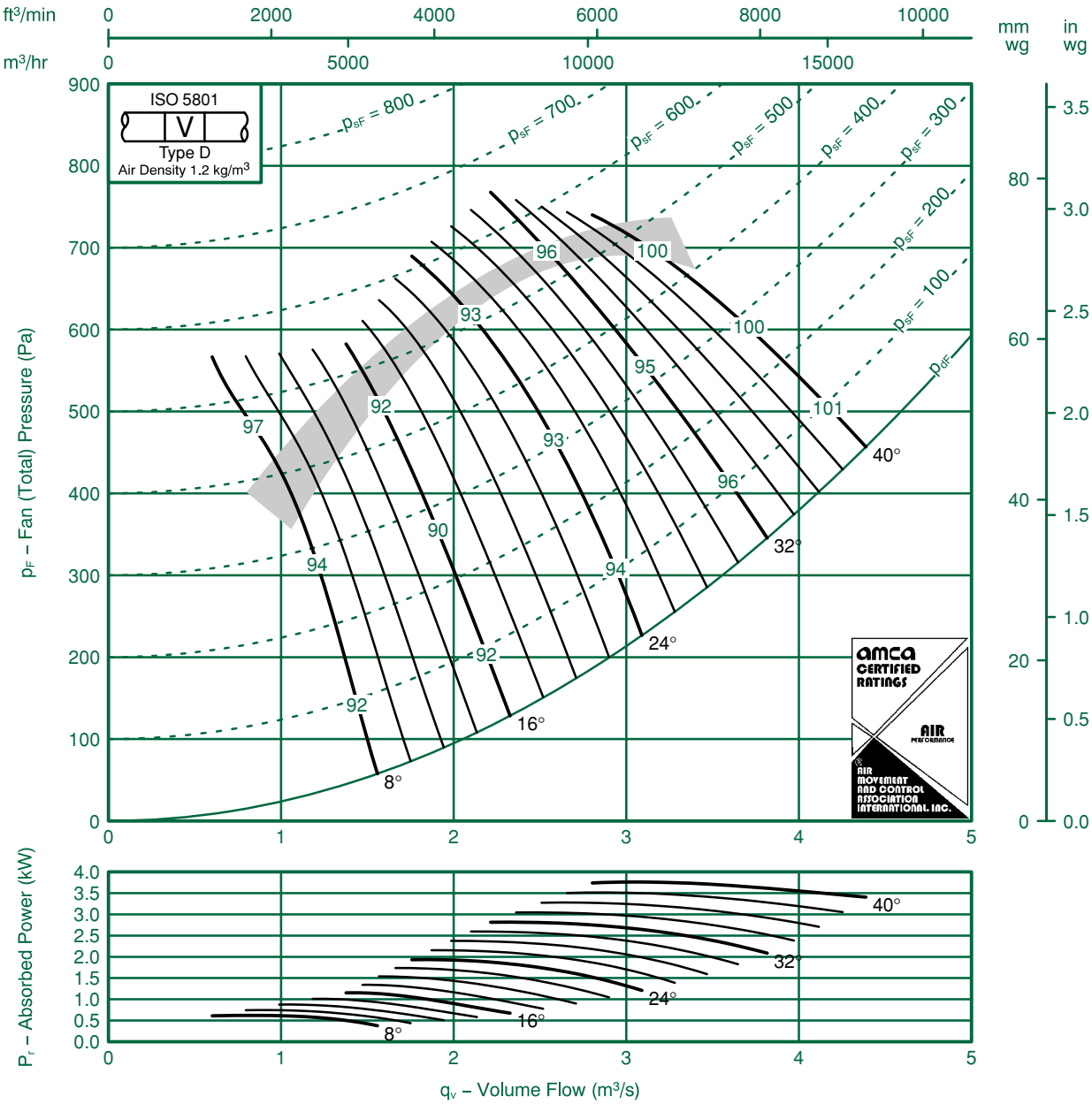

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8	—15 —15	—1 —14	—7 —8	—8 —9	—5 —6	—10 —7	—17 —1	—24 —16	8	—14 —15	—1 —14	—5 —6	—7 —9	—4 —6	—9 —5	—15 —10	—21 —15
16	—12 —13	—9 —10	—5 —3	—9 —9	—8 —1	—9 —1	—13 —13	—19 —16	16	—1 —12	—9 —10	—5 —3	—9 —9	—8 —10	—9 —1	—12 —12	—18 —14
24 —40	—8 —9	—5 —6	—6 —5	—10 —9	—12 —12	—15 —14	—17 —16	—20 —21	24 —40	—7 —8	—5 —6	—6 —5	—9 —9	—12 —1	—15 —14	—16 —15	—19 —19

JM AEROFOIL

BS 5750 Pt 1
EN 29001
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Fan Code: 45JM/20/2/3/...
450 mm 2910 rev/min 3 Blades 50 Hz

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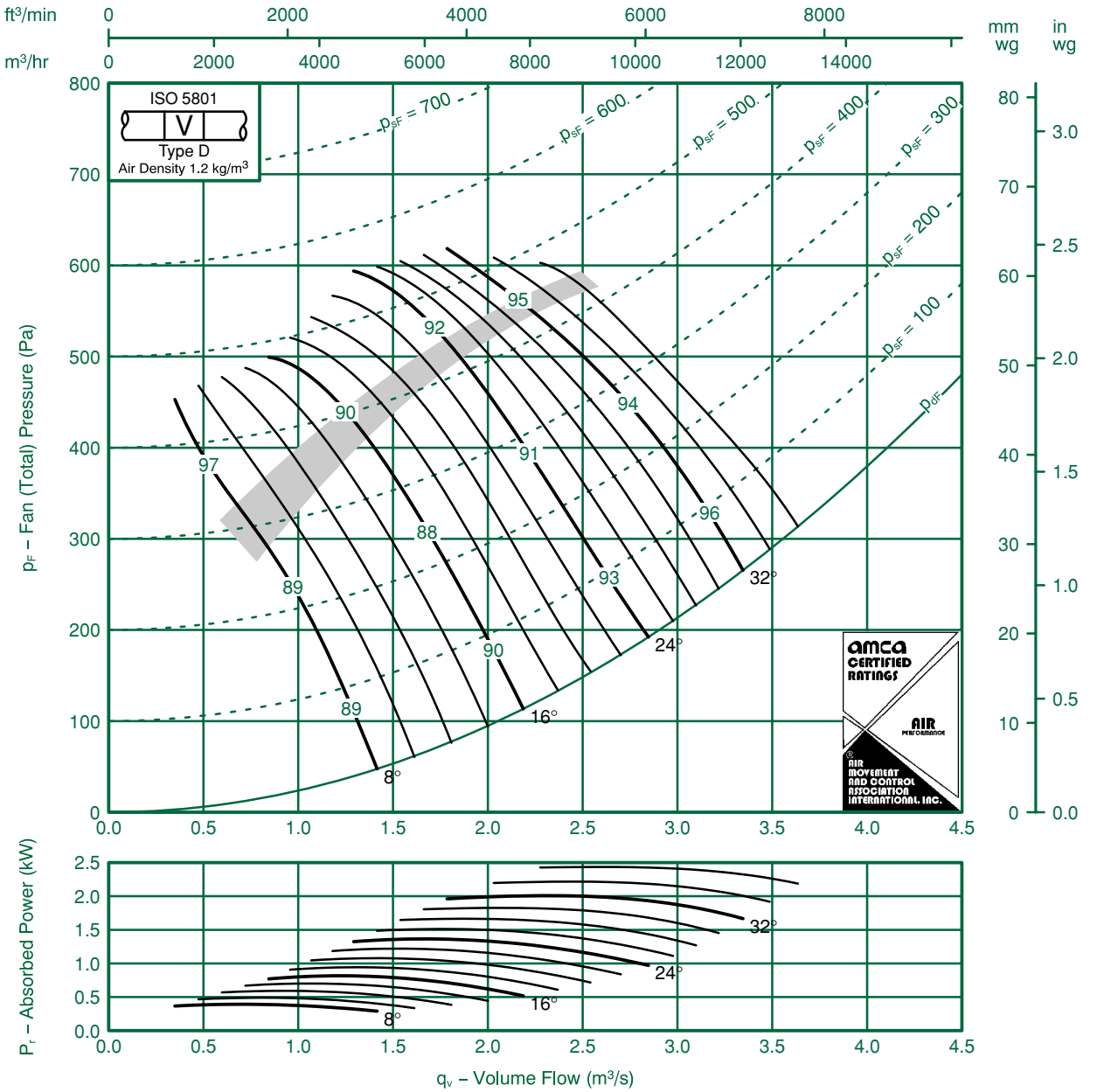

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8	—19 —16	—16 —10	—15 —1	—6 —6	—4 —6	—8 —7	—18 —13	—26 —15	8	—16 —14	—14 —8	—14 —1	—6 —6	—3 —6	—7 —6	—16 —1	—23 —13
16	—10 —12	—8 —7	—7 —9	—5 —6	—8 —8	—12 —10	—16 —15	—20 —18	16	—8 —1	—6 —4	—7 —8	—5 —6	—7 —8	—12 —10	—15 —14	—19 —17
24 —36	—8 —10	—5 —4	—8 —10	—7 —7	—1 —10	—13 —12	—17 —16	—20 —20	24 —36	—7 —8	—4 —2	—8 —9	—7 —7	—1 —10	—12 —1	—15 —15	—17 —18

JM AEROFOIL

BS 5750 Pt 1
EN 29001
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Fan Code: 45JM/20/2/6/...
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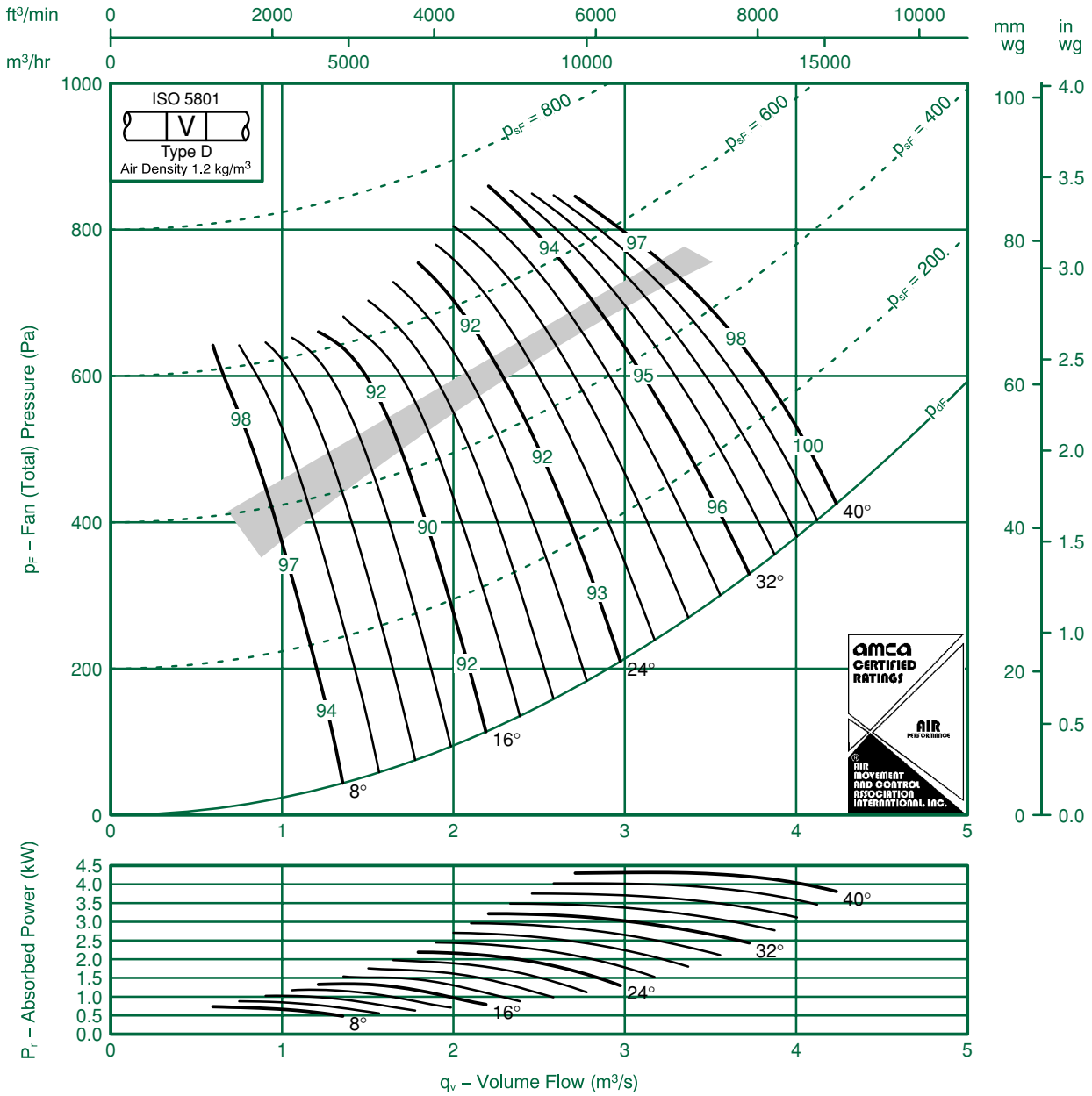

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8	—17 —18	—17 —19	—13 —13	—6 —7	—4 —5	—8 —5	—17 —13	—25 —18	8	—14 —16	—16 —19	—1 —1	—5 —6	—4 —5	—7 —4	—16 —12	—23 —16
16	—1 —13	—14 —15	—7 —8	—5 —6	—8 —7	—9 —8	—14 —12	—18 —15	16	—10 —1	—14 —15	—5 —6	—4 —5	—8 —7	—9 —8	—13 —12	—18 —14
24 —40	—8 —8	—8 —9	—7 —6	—7 —7	—10 —10	—1 —10	—16 —15	—19 —18	24 —40	—7 —6	—7 —9	—6 —4	—6 —6	—9 —9	—10 —10	—14 —14	—18 —17

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 50JM/16/6/5/...
500 mm 915 rev/min 5 Blades 50 Hz

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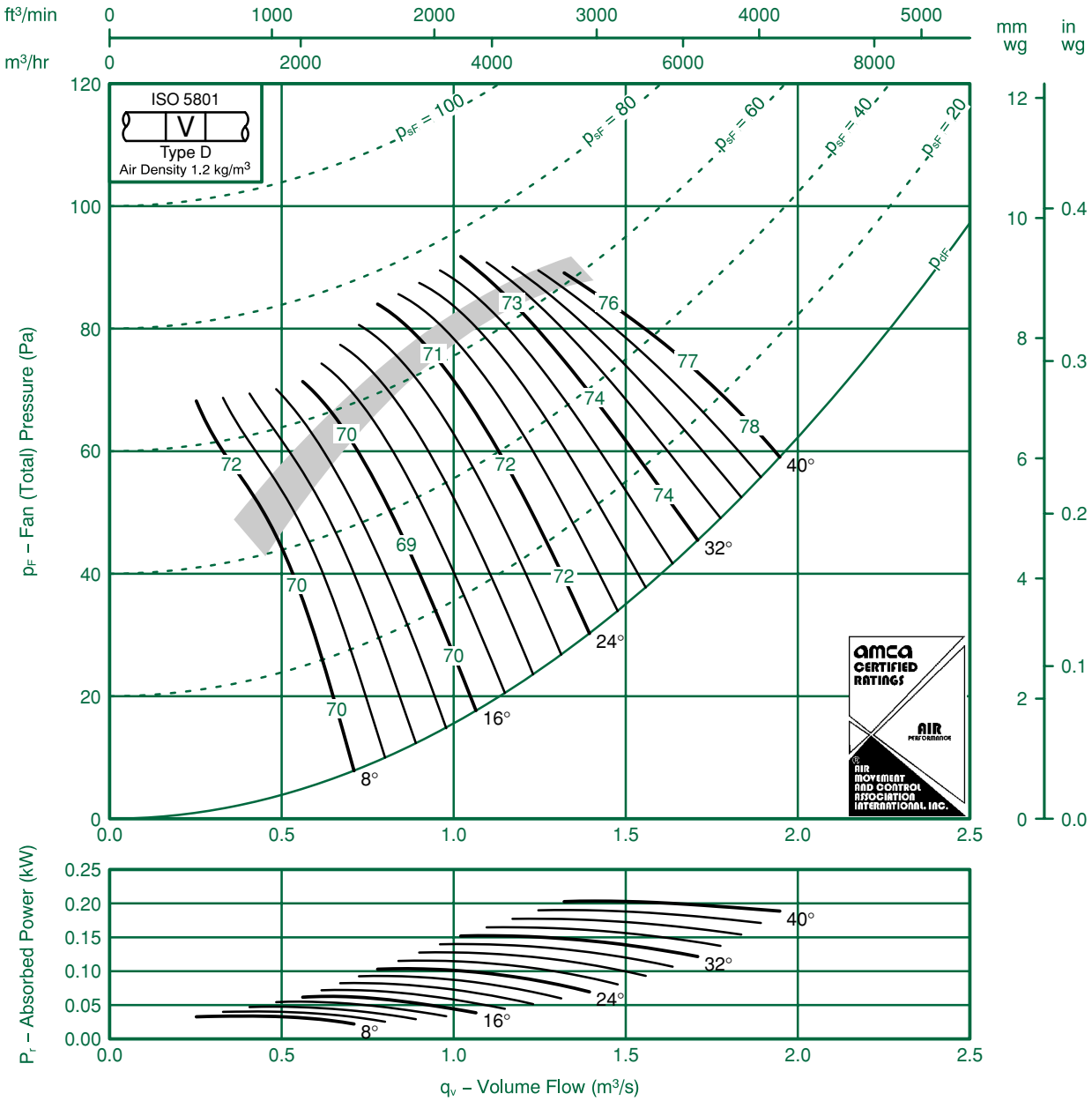

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8	—9 —7	—10 —10	—4 —7	—6 —5	—1 —8	—19 —13	—26 —19	—34 —24	8	—7 —6	—9 —10	—4 —7	—6 —5	—12 —8	—19 —12	—26 —18	—32 —22
16	—7 —3	—9 —8	—5 —9	—6 —10	—10 —12	—16 —14	—23 —18	—29 —21	16	—6 —3	—9 —8	—5 —9	—6 —10	—10 —12	—16 —14	—22 —18	—28 —20
24 —40	—3 —3	—8 —7	—9 —9	—10 —1	—13 —14	—15 —17	—19 —22	—22 —26	24 —40	—2 —2	—8 —7	—9 —9	—10 —1	—13 —14	—15 —17	—19 —21	—21 —24

JM AEROFOIL

BS 5750 Pt 1
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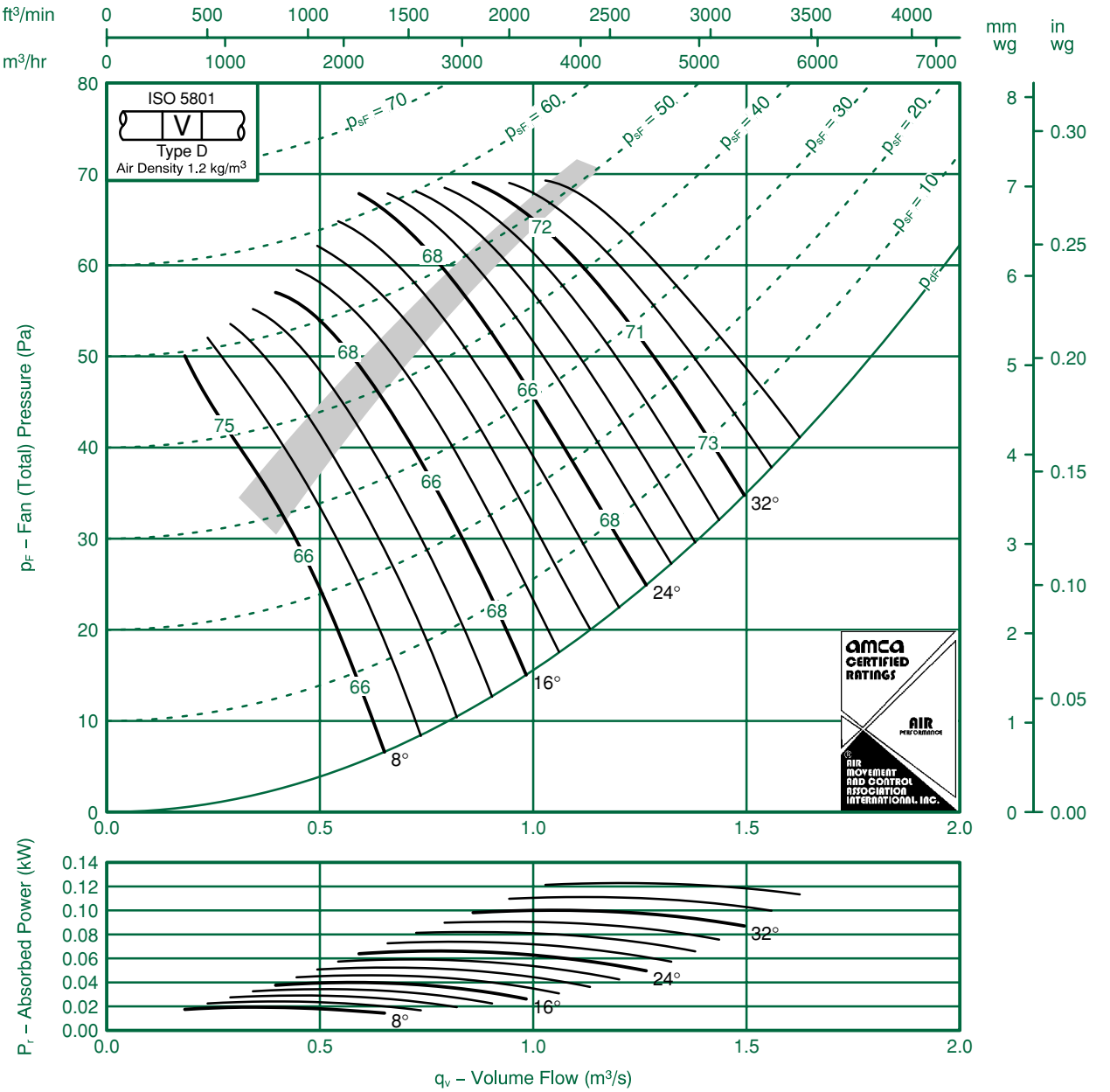

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8	—16 —8	—10 —7	—4 —6	—4 —6	—13 —1	—21 —13	—30 —18	—41 —23	8	—13 —5	—9 —7	—4 —6	—4 —6	—13 —1	—21 —13	—29 —16	—39 —20
16	—8 —5	—5 —6	—5 —6	—9 —9	—14 —13	—18 —17	—22 —22	—27 —26	16	—6 —3	—5 —6	—5 —6	—9 —9	—14 —13	—17 —16	—21 —21	—26 —25
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JM AEROFOIL

BS 5750 Pt 1
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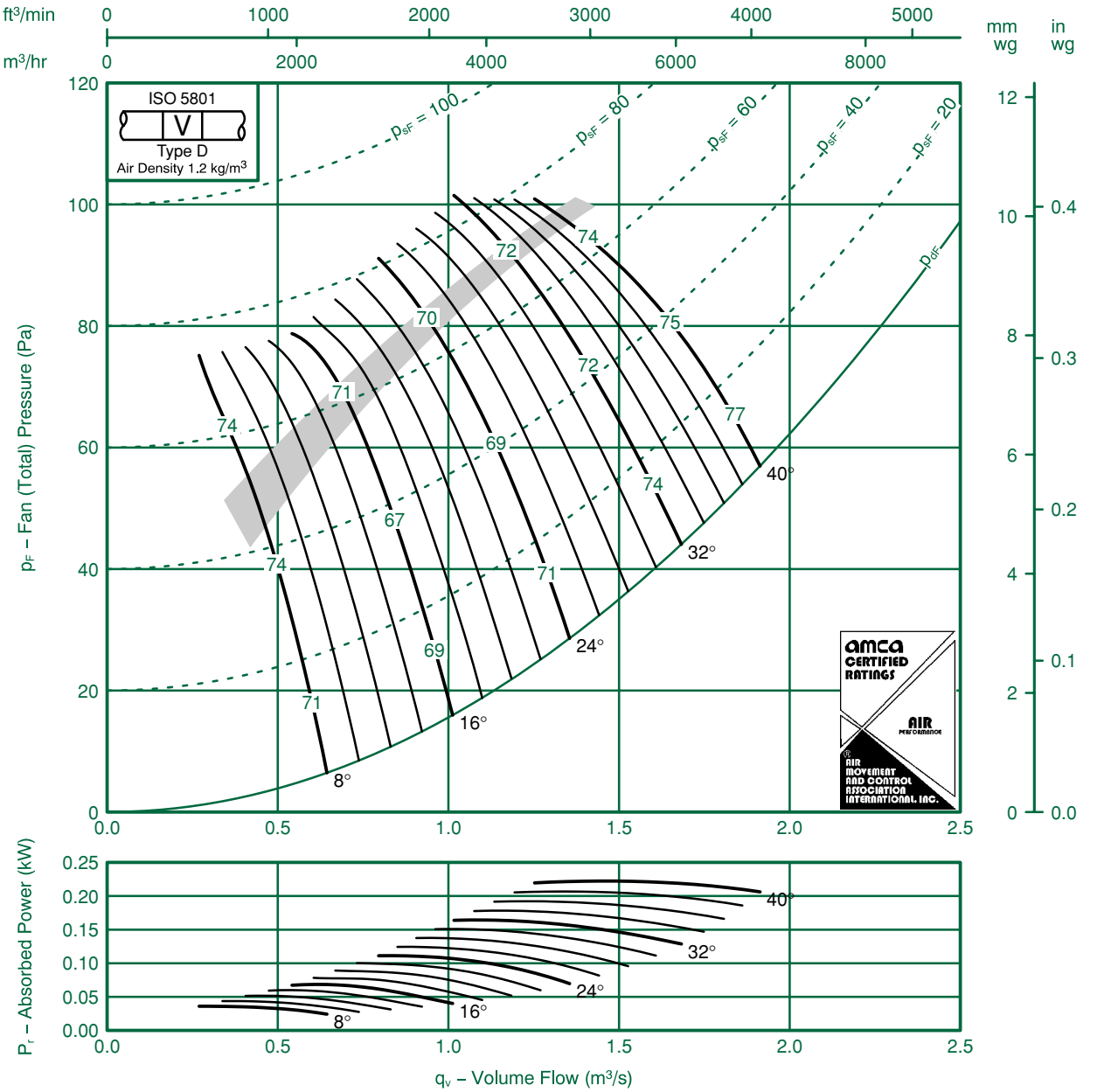

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8	—16 —16	—10 —9	—5 —6	—3 —4	—1 —9	—20 —15	—30 —22	—40 —29	8	—14 —15	—9 —7	—5 —6	—3 —4	—1 —9	—19 —14	—29 —20	—38 —27
16	—1 —1	—6 —5	—4 —5	—7 —7	—12 —1	—16 —14	—24 —19	—30 —24	16	—10 —9	—4 —4	—4 —5	—7 —7	—1 —1	—15 —14	—23 —19	—29 —23
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JM AEROFOIL

BS 5750 Pt 1
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Fan Code: 50JM/16/4/5/...
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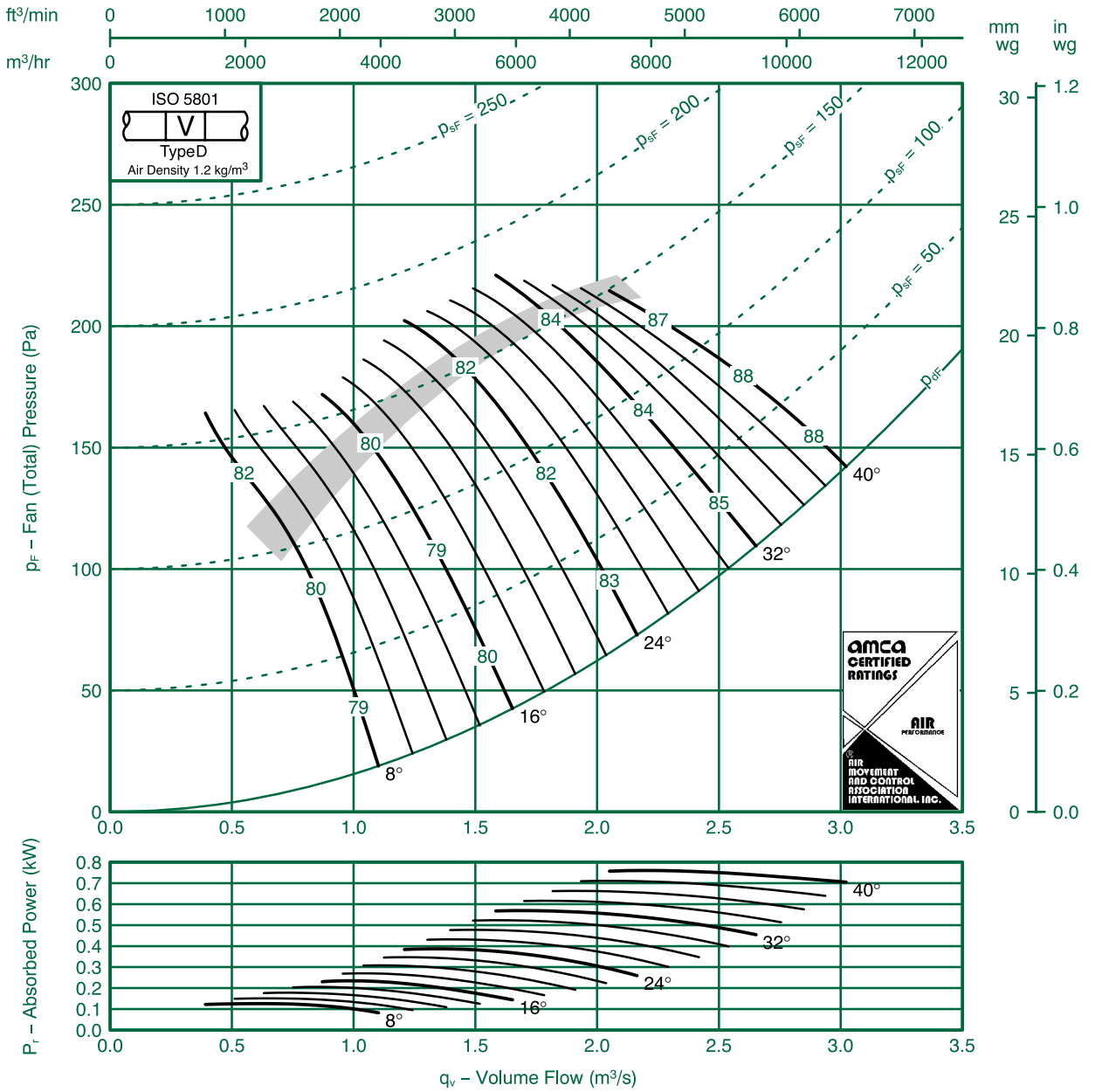

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16	–12 –11	–7 –3	–10 –9	–4 –9	–8 –11	–12 –12	–18 –16	–25 –19
24 – 40	–5 –6	–5 –4	–9 –9	–10 –10	–13 –13	–14 –15	–18 –19	–21 –24

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16	–11 –11	–7 –3	–10 –9	–4 –9	–8 –11	–12 –12	–18 –15	–23 –18
24 – 40	–4 –6	–4 –3	–9 –9	–10 –10	–13 –13	–14 –15	–17 –18	–20 –22

JM AEROFOIL

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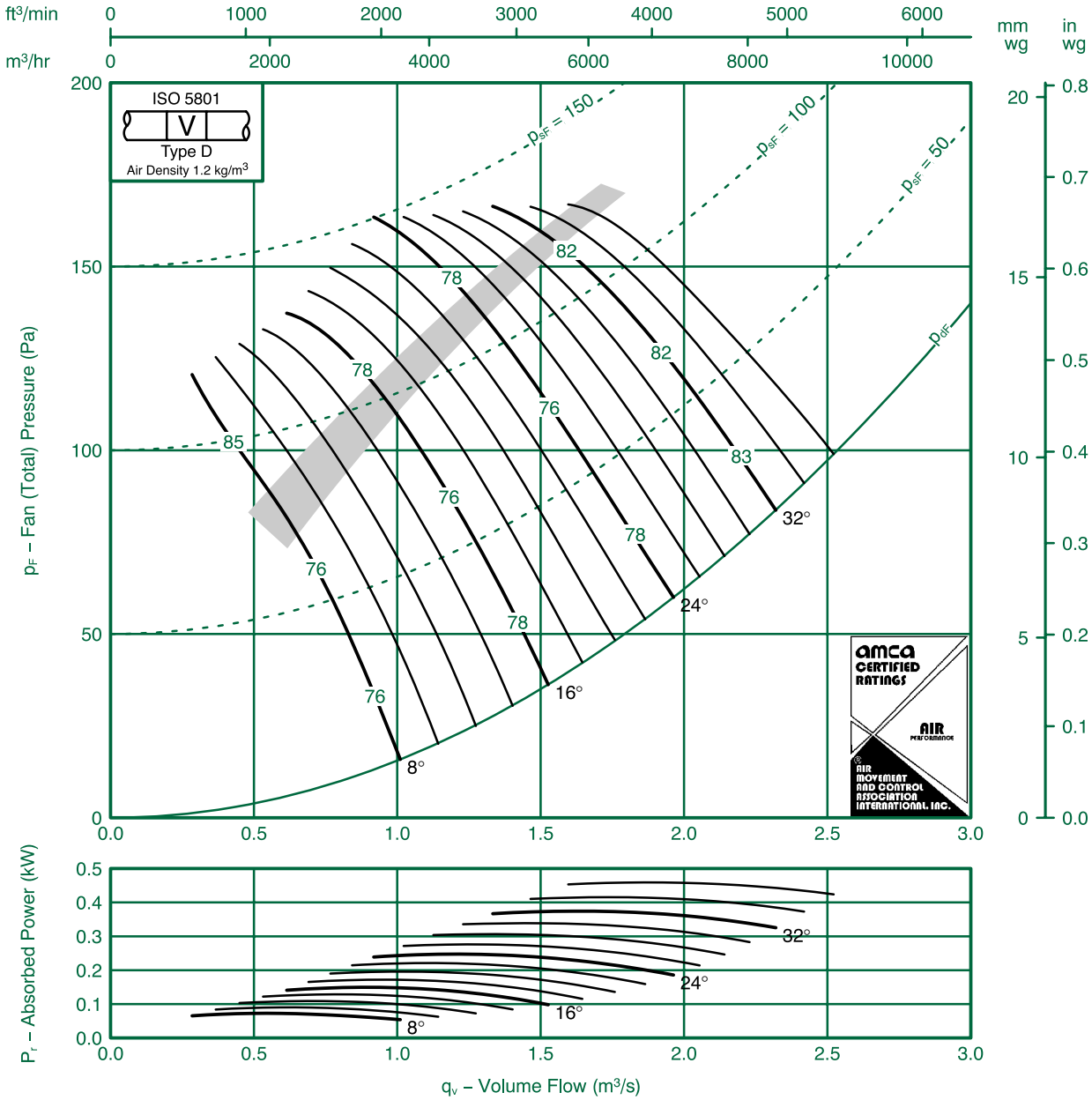

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Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	–16 –8	–15 –10	–7 –6	–3 –6	–6 –7	–16 –12	–24 –15	–34 –20	8	–13 –6	–14 –10	–7 –6	–3 –6	–6 –7	–15 –12	–23 –13	–32 –18
16	–8 –5	–7 –8	–5 –6	–7 –8	–11 –11	–16 –15	–19 –18	–25 –24	16	–6 –3	–7 –8	–5 –6	–7 –8	–11 –11	–15 –15	–18 –17	–24 –23
24 – 36	–5 –4	–8 –9	–6 –6	–10 –9	–11 –12	–15 –16	–18 –20	–23 –26	24 – 36	–3 –1	–7 –8	–6 –6	–9 –9	–10 –12	–14 –16	–17 –19	–20 –24

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 50JM/20/4/6/...
500 mm 1420 rev/min 6 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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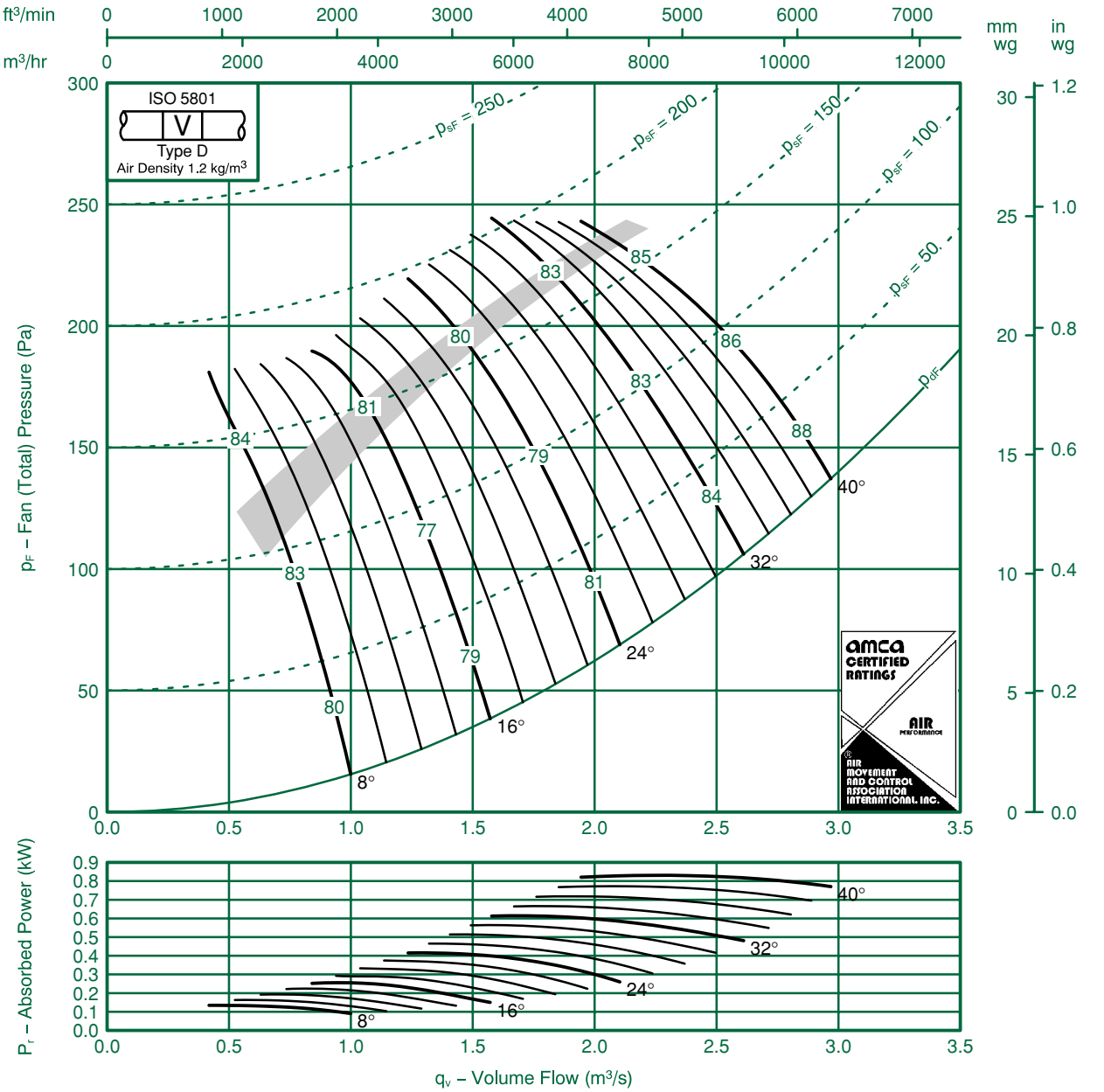

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—20 —19	—12 —12	—8 —7	—3 —5	—6 —5	—14 —12	—23 —16	—34 —24	8	—17 —18	—10 —10	—8 —7	—3 —5	—5 —5	—13 **—1**	—22 —15	—32 —23
16	—15 —14	—6 —6	—5 —6	—7 —7	—9 —8	—13 —13	—18 —15	—26 —21	16	—14 —13	—5 —4	—5 —6	—7 —7	—8 —8	—13 —13	—18 —15	—25 —20
24 —40	—7 —7	—5 —5	—7 —8	—9 —9	**—1** **—1**	—14 —15	—18 —18	—22 —24	24 —36	—5 —5	—4 —3	—7 —7	—9 —9	—10 **—1**	—13 —15	—16 —17	—21 —23

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 50JM/20/2/3/...
500 mm 2910 rev/min 3 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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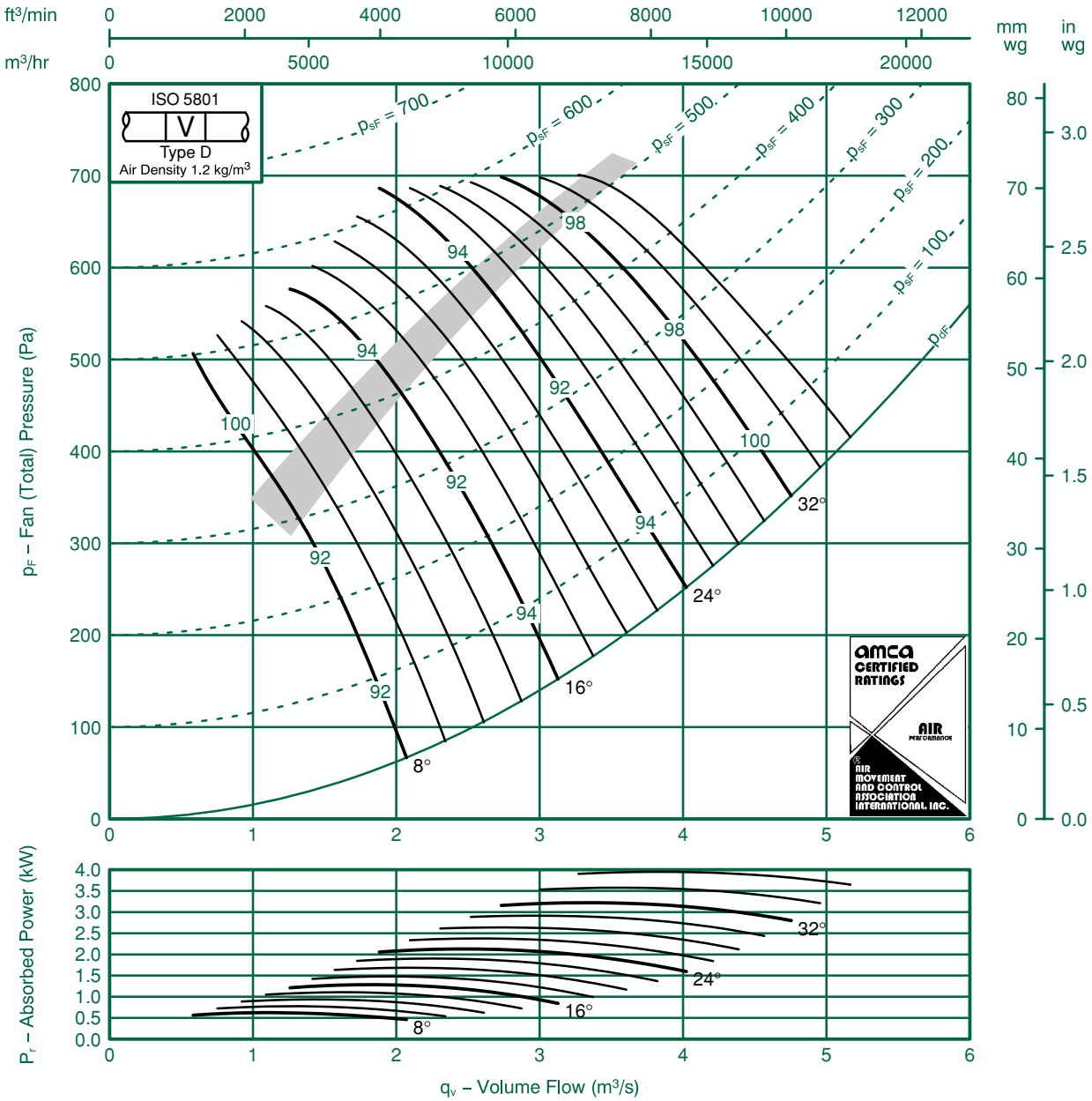

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Inlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—21 —15	—16 —8	—15 —1	—8 —7	—4 —7	—7 —8	—17 —13	—25 —15
16	—1 —12	—9 —6	—7 —9	—5 —6	—8 —9	—12 —1	—17 —16	—20 —19
24 —36	—9 —9	—5 —4	—8 —10	—7 —7	—1 —10	—12 —12	—16 —17	—19 —21

Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—18 —14	—14 —5	—14 —10	—7 —6	—3 —7	—6 —7	—16 —1	—22 —12
16	—10 —10	—7 —3	—6 —8	—5 —6	—8 —9	—1 —1	—16 —15	—19 —17
24 —36	—7 —7	—4 —2	—8 —9	—7 —7	—10 —10	—10 —12	—14 —16	—16 —19

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 50JM/20/2/6/...
500 mm 2910 rev/min 6 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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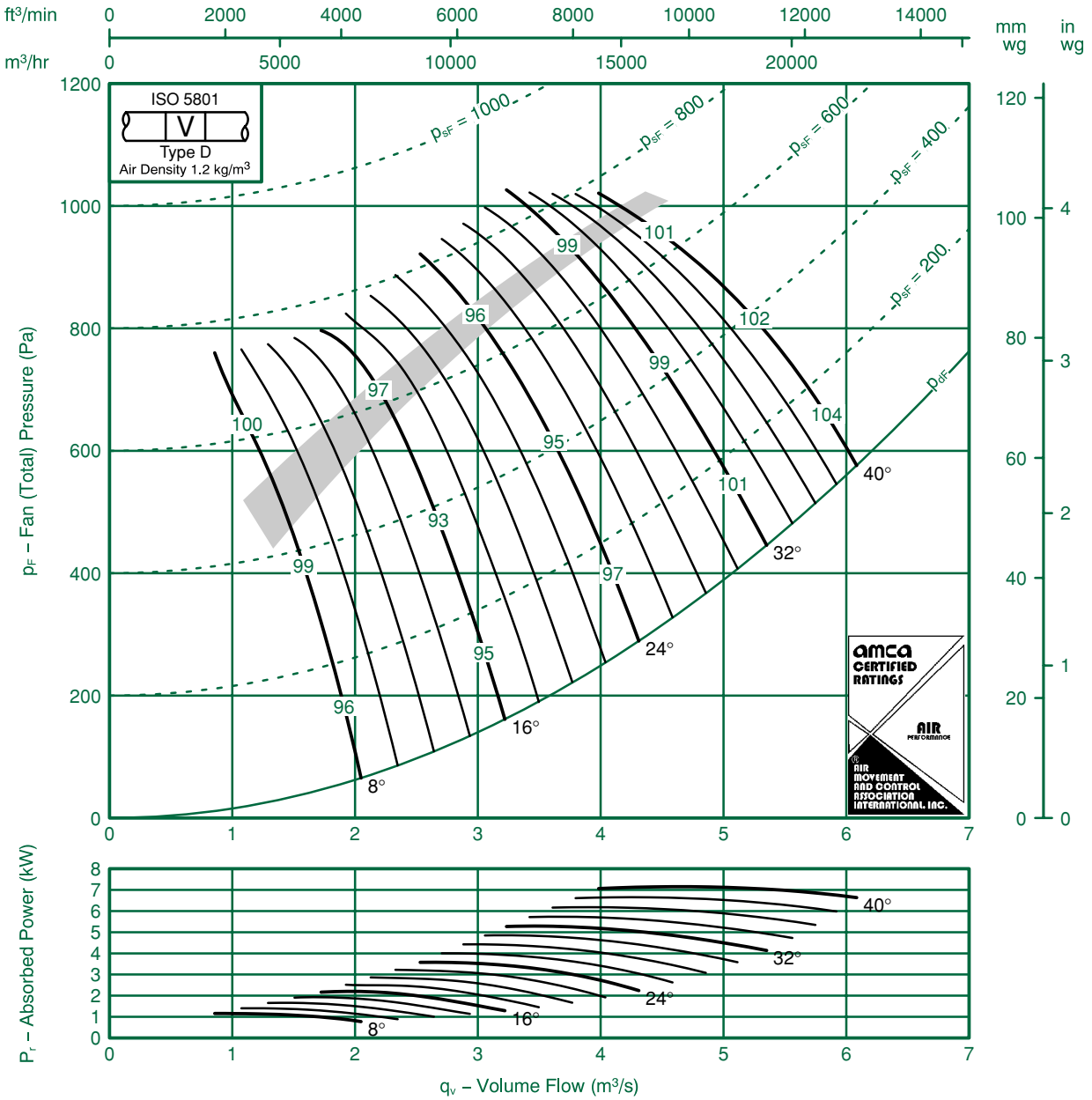

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—19 —17	—20 —20	—13 —12	—9 —8	—4 —6	—7 —5	—16 —12	—24 —17	8	—16 —15	—19 —19	—1 —10	—8 —7	—3 —5	—5 —4	—14 —1	—21 —15
16	—1 —1	—16 —15	—7 —7	—5 —6	—7 —8	—9 —9	—14 —13	—19 —16	16	—10 —9	—16 —15	—5 —4	—5 —5	—7 —8	—9 —8	—14 —13	—18 —15
24 —40	—8 —8	—8 —8	—7 —6	—8 —9	—10 —10	—12 —12	—16 —16	—19 —19	24 —40	—6 —5	—7 —8	—5 —4	—7 —8	—9 —10	—1 —1	—14 —15	—17 —18

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 56JM/16/8/5/...
560 mm 670 rev/min 5 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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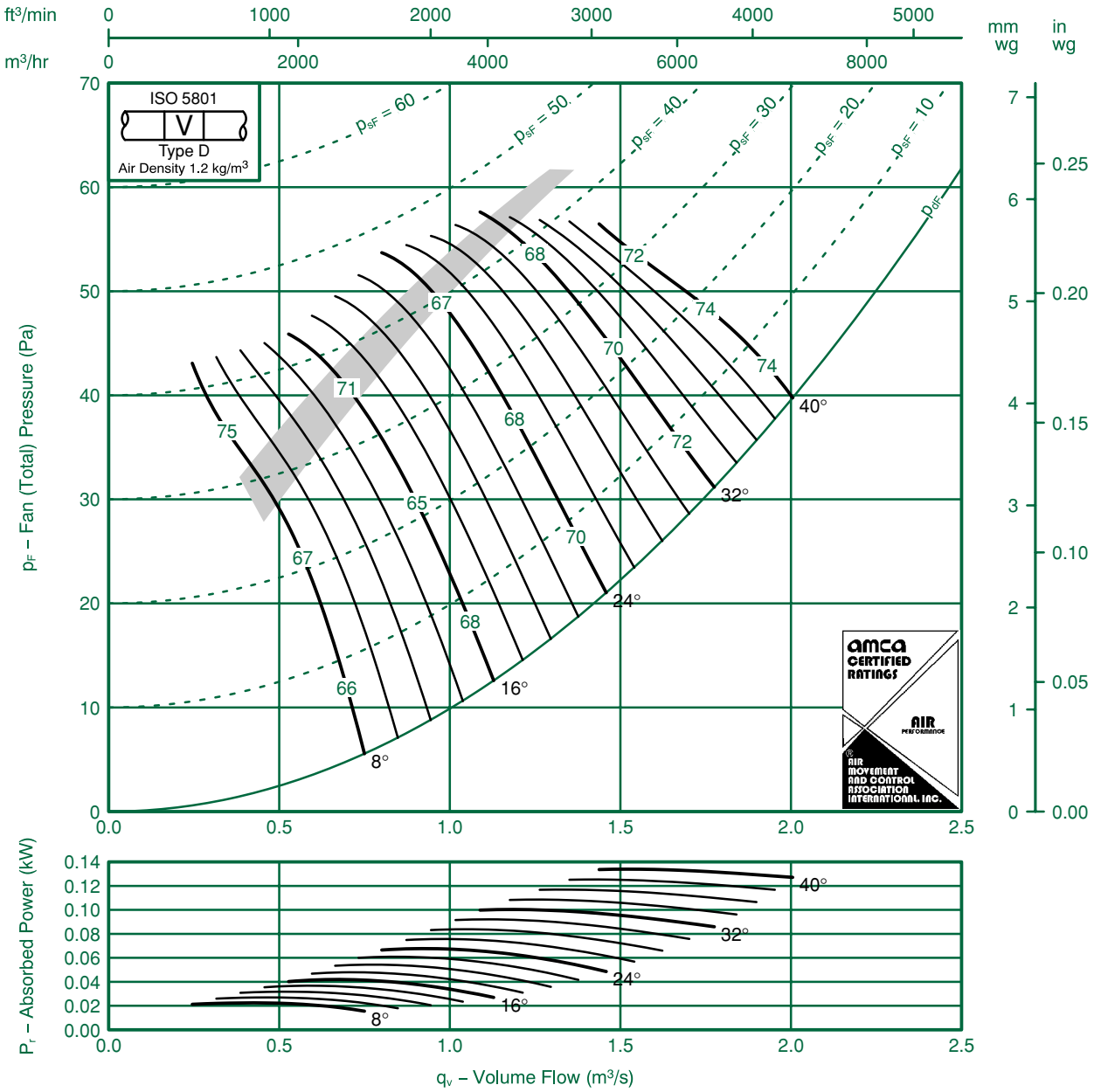

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—12 —7	—10 —1	—3 —7	—7 —5	—12 —8	—20 —13	—29 —20	—37 —24	8	—10 —6	—10 —1	—3 —7	—7 —5	—12 —8	—20 —12	—28 —19	—35 —23
16	—1 —3	—12 —8	—3 —7	—7 —10	—12 —13	—19 —16	—28 —20	—34 —23	16	—10 —3	—12 —8	—3 —7	—7 —10	—12 —13	—19 —15	—27 —19	—33 —21
24 —40	—3 —3	—9 —8	—7 —8	—10 —1	—12 —14	—15 —18	—20 —23	—23 —28	24 —40	—2 —2	—8 —8	—7 —8	—10 —1	—12 —14	—15 —18	—19 —22	—22 —26

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 56JM/16/6/5/...
560 mm 900 rev/min 5 Blades 50 Hz

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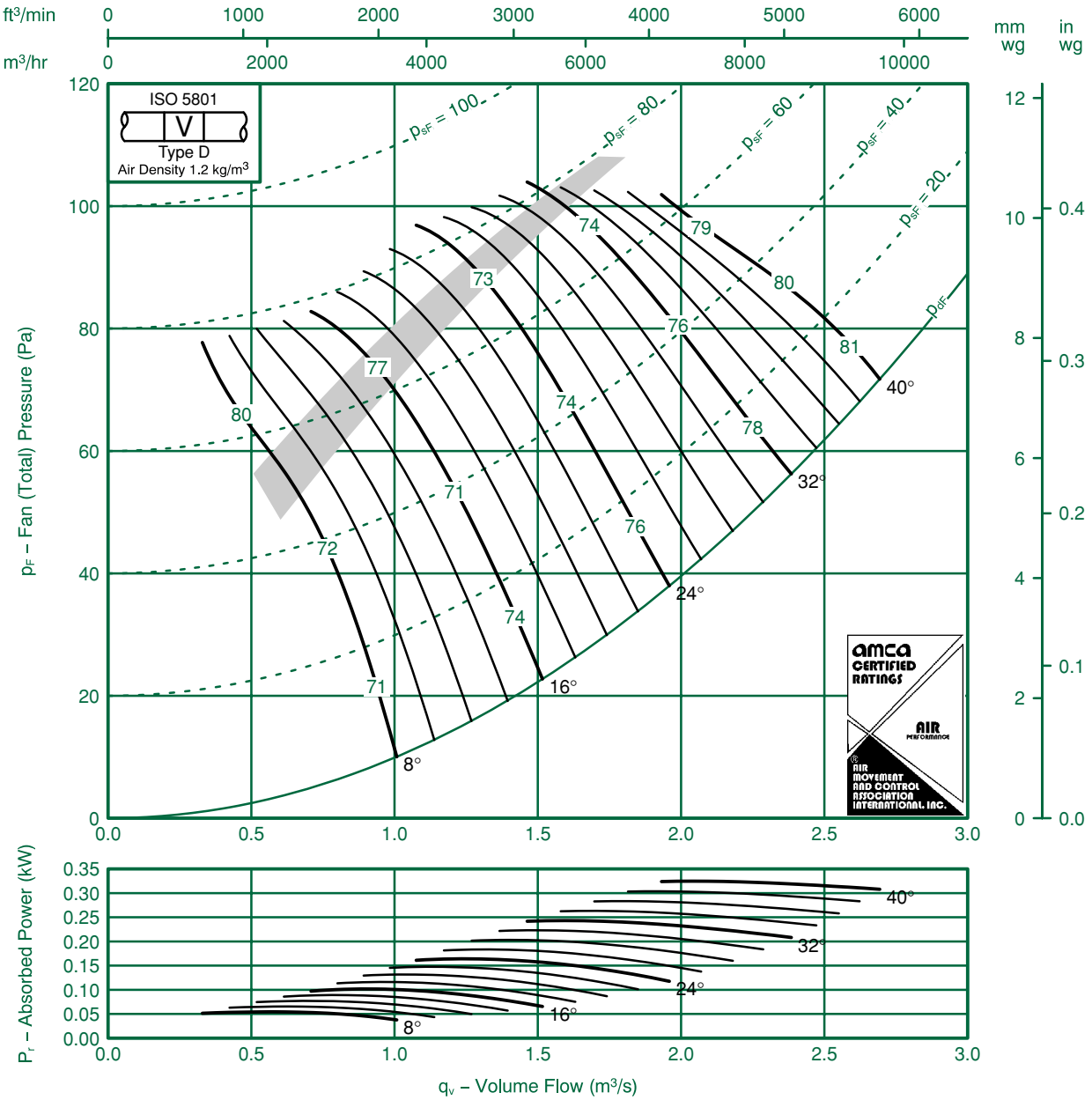

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—12 —8	—1 —1	—3 —8	—5 —5	—10 —7	—18 —12	—26 —17	—33 —22	8	—10 —7	—1 —1	—3 —8	—5 —5	—10 —7	—18 —1	—25 —17	—31 —21
16	—12 —4	—13 —8	—3 —7	—6 —10	—10 —12	—17 —15	—25 —18	—32 —21	16	—1 —3	—13 —8	—3 —7	—5 —10	—10 —12	—17 —14	—24 —18	—30 —20
24 —40	—4 —3	—9 —8	—7 —8	—10 —10	—12 —14	—15 —17	—18 —21	—21 —26	24 —40	—3 —2	—9 —8	—7 —8	—10 —10	—12 —14	—15 —17	—17 —20	—20 —24

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 56JM/20/6/3/...
560 mm 900 rev/min 3 Blades 50 Hz

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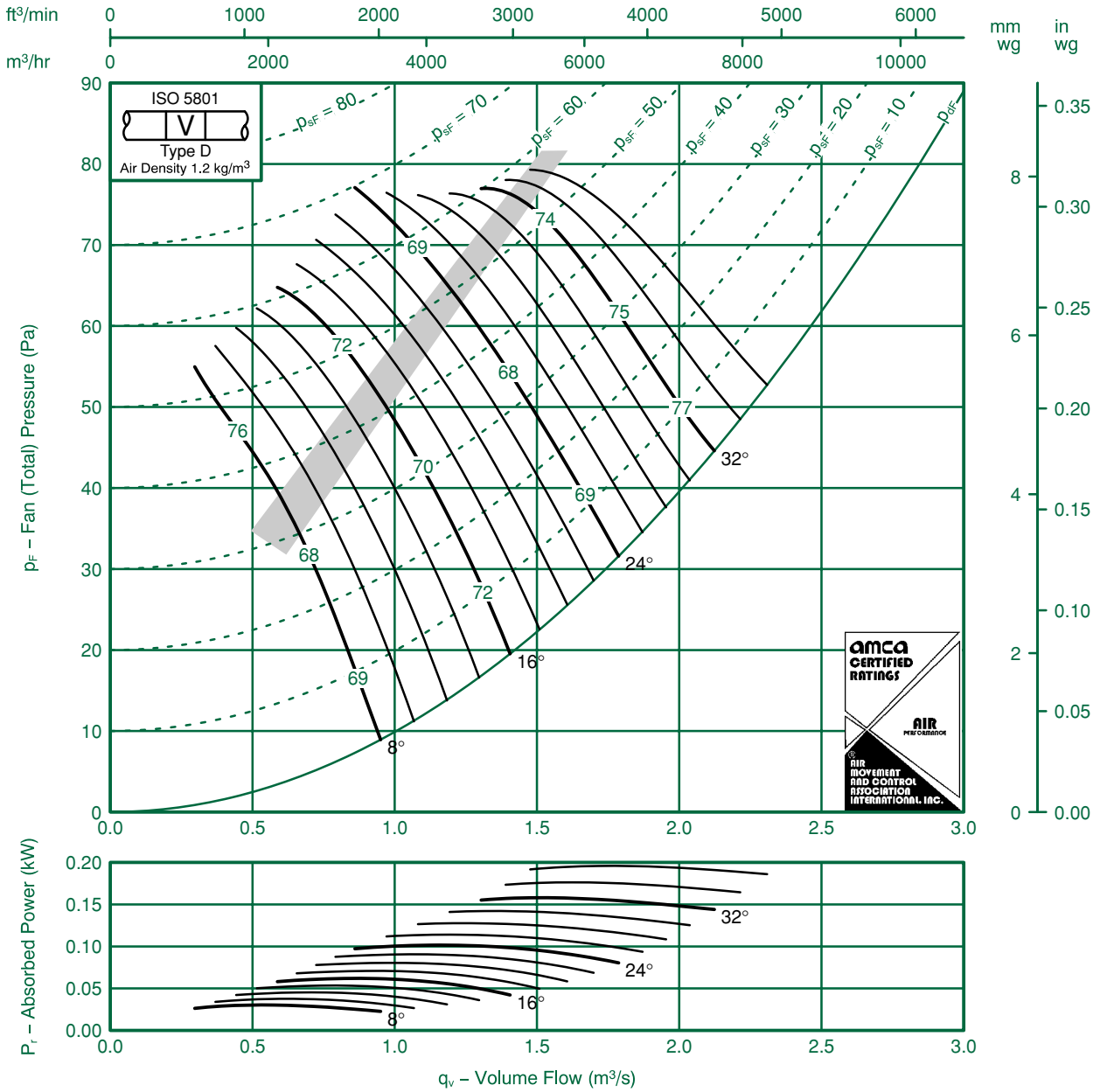

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—16 —6	—1 —7	—5 —7	—3 —7	—1 —1	—20 —14	—29 —17	—40 —21	8	—14 —3	—10 —7	—5 —7	—3 —7	—1 —1	—19 —13	—28 —16	—38 —19
16	—6 —4	—5 —6	—5 —7	—10 —10	—15 —15	—18 —18	—22 —22	—28 —27	16	—4 —2	—5 —6	—5 —7	—10 —10	—15 —15	—17 —18	—22 —21	—27 —25
24 —36	—5 —4	—6 —6	—8 —8	—9 —10	—13 —15	—16 —18	—20 —23	—25 —28	24 —36	—3 —1	—5 —6	—8 —8	—8 —10	—12 —15	—15 —18	—18 —22	—23 —26

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 56JM/20/6/6/...
560 mm 900 rev/min 6 Blades 50 Hz

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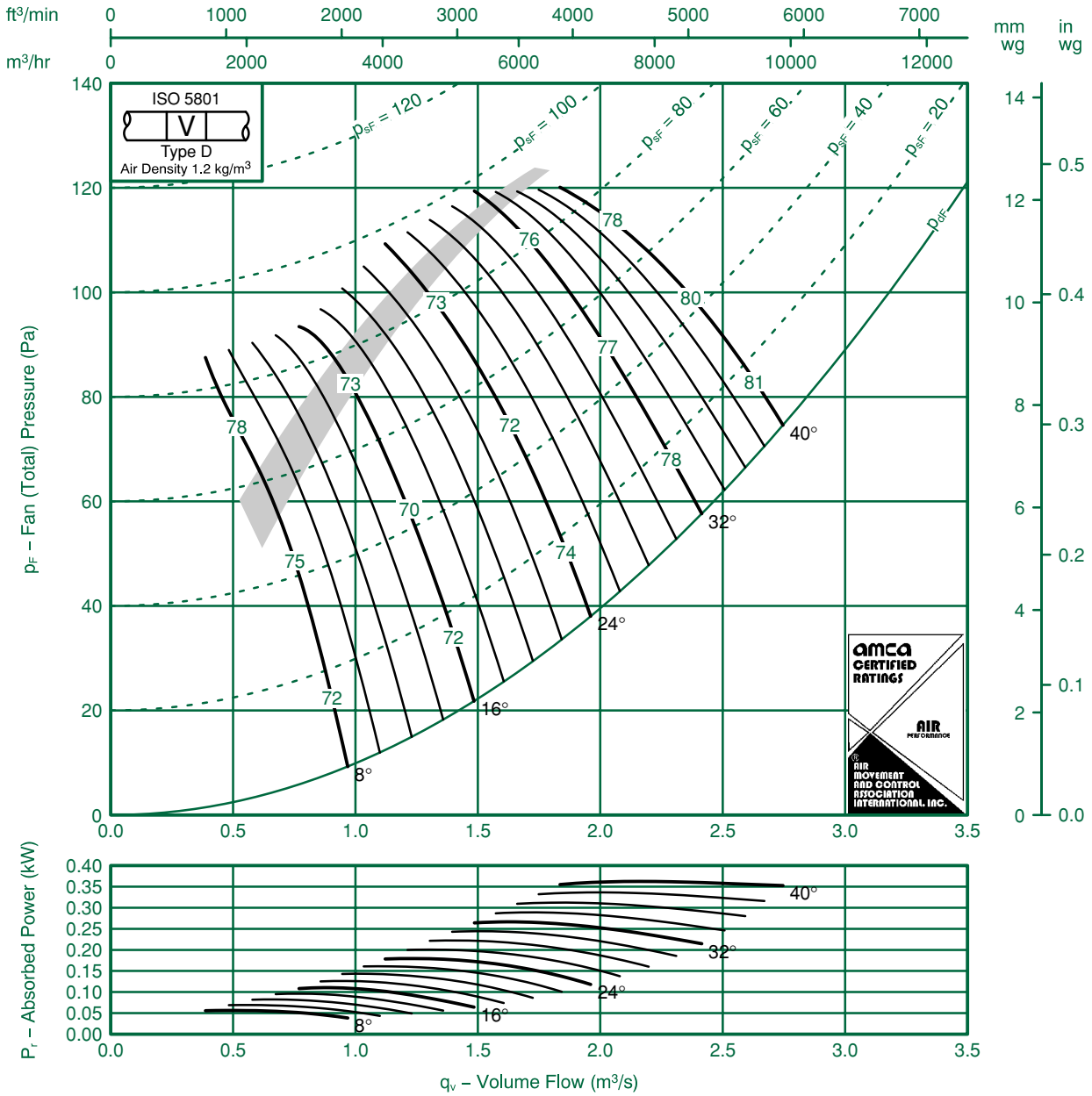

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Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—22 —18	—1 —8	—8 —7	—2 —3	—9 —8	—19 —14	—29 —20	—39 —27	8	—20 —17	—9 —6	—8 —7	—2 —3	—9 —8	—18 —13	—28 —19	—37 —25
16	—14 —1	—5 —4	—5 —6	—6 —7	—12 —12	—17 —15	—24 —19	—30 —24	16	—13 —9	—3 —2	—5 —6	—6 —7	—12 —12	—16 —15	—24 —19	—29 —23
24 —40	—6 —5	—6 —6	—7 —8	—10 —10	—12 —13	—15 —17	—18 —21	—22 —25	24 —40	—5 —3	—4 —3	—7 —8	—9 —10	—12 —13	—14 —16	—17 —20	—20 —25

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 56JM/16/4/5/...
560 mm 1420 rev/min 5 Blades 50 Hz

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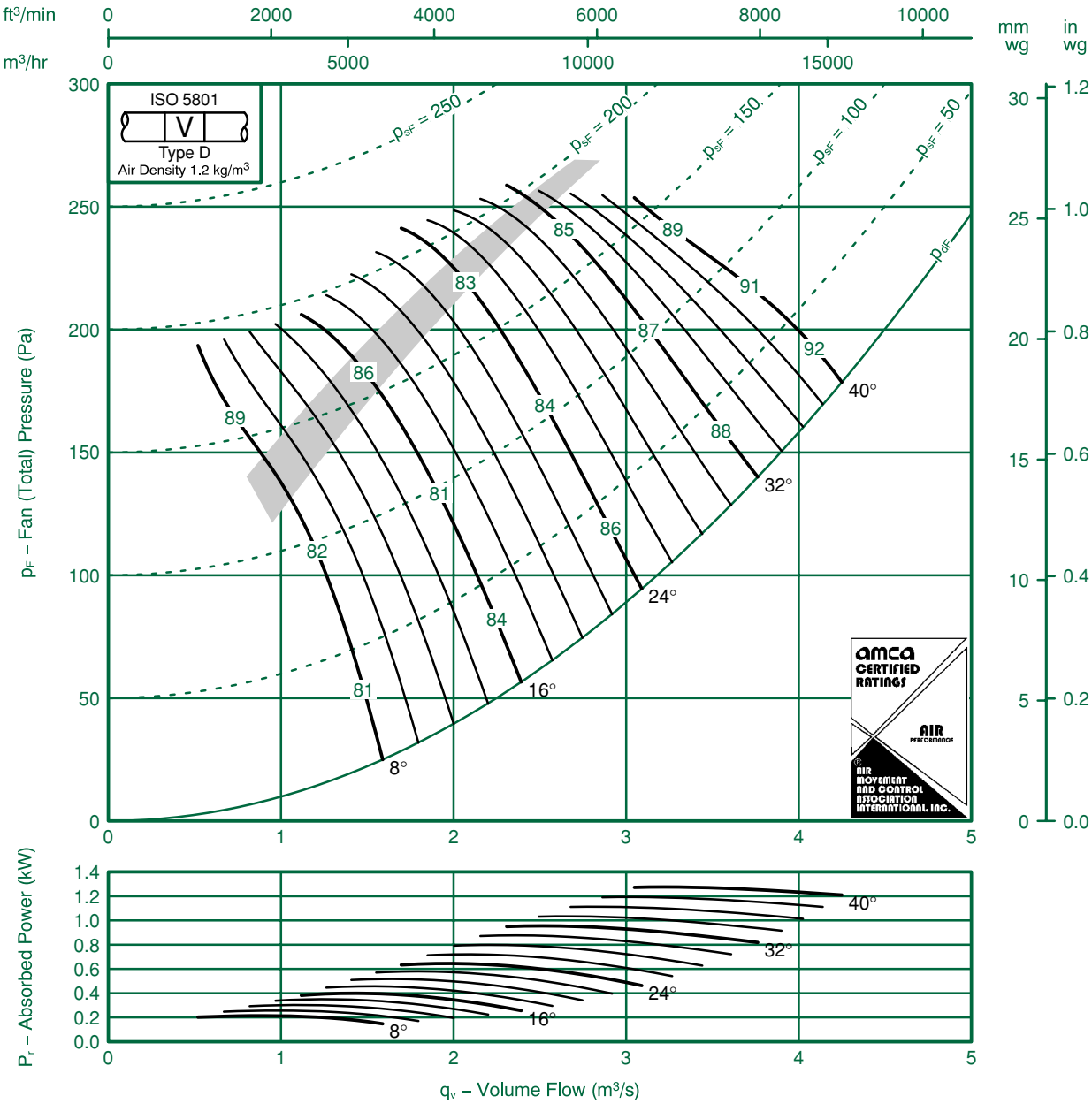

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Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—17 —17	—12 —8	—10 —1	—3 —6	—7 —5	—12 —8	—20 —13	—28 —19	8	—16 —17	—10 —6	—10 —1	—3 —6	—7 —5	—12 —7	—20 —13	—26 —18
16	—17 —12	—1 —4	—12 —8	—2 —7	—7 —1	—12 —13	—19 —16	—27 —20	16	—16 —12	—1 —3	—12 —8	—2 —7	—7 —1	—12 —13	—19 —15	—25 —18
24 —40	—7 —7	—4 —4	—9 —9	—8 —9	—1 —12	—13 —15	—16 —19	—20 —24	24 —40	—6 —6	—4 —3	—9 —9	—8 —9	—1 —12	—13 —15	—16 —18	—19 —22

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 56JM/20/4/3/...
560 mm 1420 rev/min 3 Blades 50 Hz

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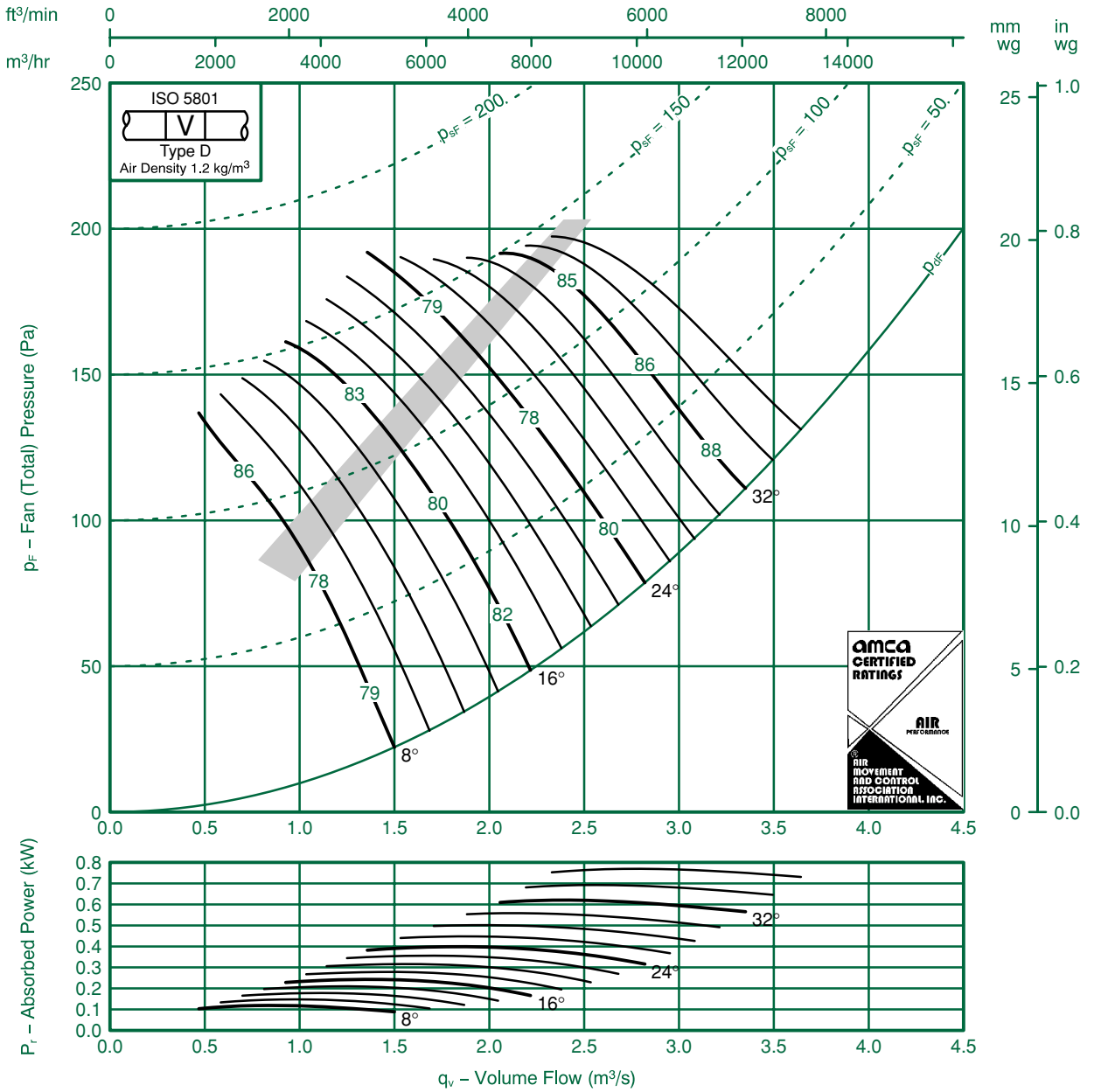

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	63	125	250	500	1k	2k	4k	8k
8	—16 —6	—14 —10	—9 —7	—3 —8	—5 —8	—15 —13	—23 —15	—33 —19
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Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—14 —3	—14 —10	—9 —7	—3 —7	—5 —8	—14 —12	—22 —13	—31 —16
16	—5 —2	—7 —8	—5 —6	—8 —9	—1 —12	—16 —17	—18 —18	—24 —23
24 —36	—3 —1	—8 —8	—7 —7	—9 —9	—9 —12	—14 —17	—16 —19	—20 —24

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 56JM/20/4/6/...
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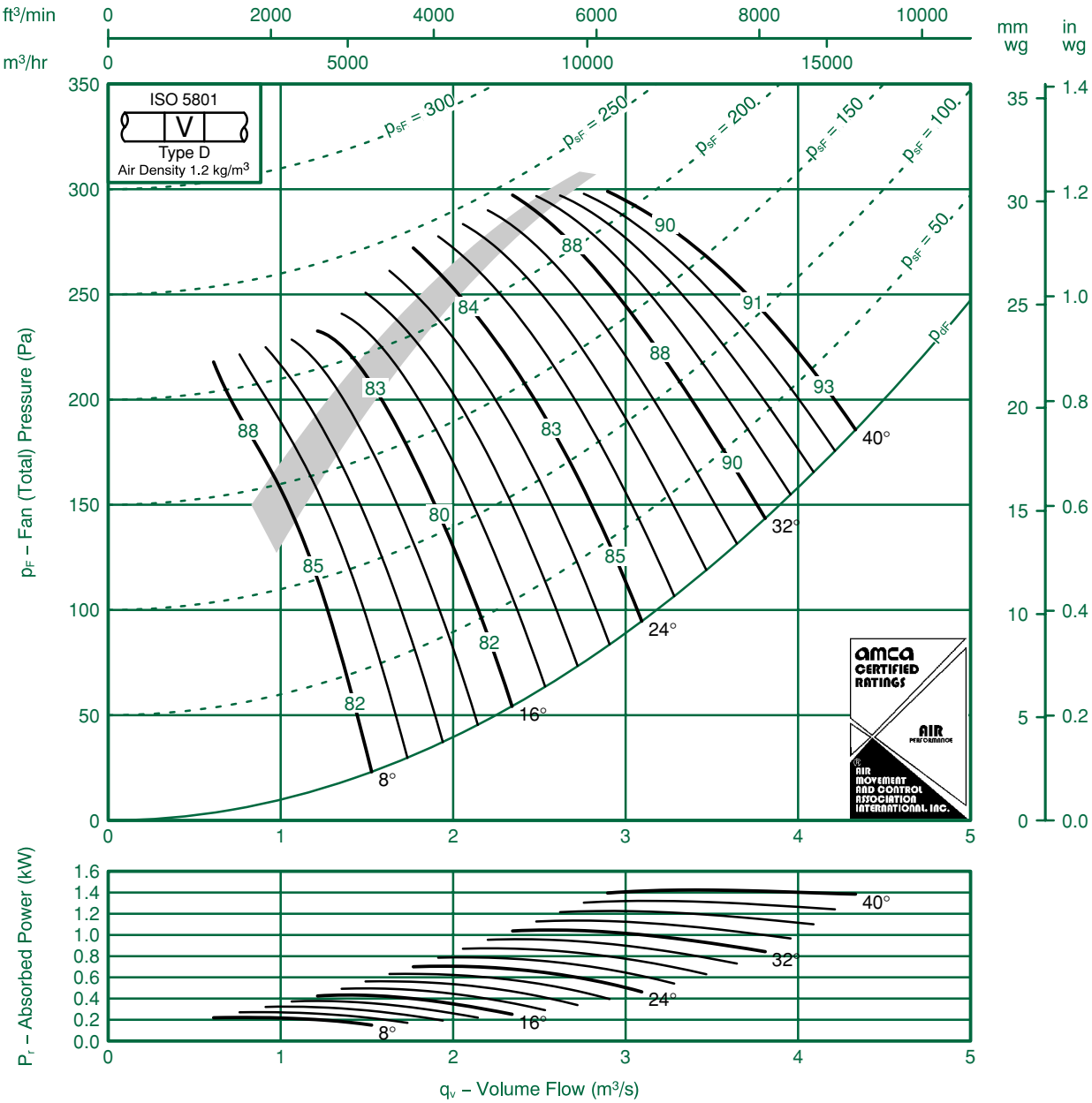

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8	—24 —21	—12 —10	—12 —9	—4 —6	—4 —4	—12 —1	—22 —16	—32 —22	8	—21 —19	—10 —8	—12 —8	—3 —6	—4 —4	—1 —10	—21 —14	—31 —21
16	—17 —14	—6 —4	—7 —7	—5 —8	—9 —9	—14 —14	—19 —16	—26 —21	16	—16 —12	—4 —3	—7 —6	—5 —8	—8 —9	—13 —14	—19 —16	—26 —20
24 —40	—7 —6	—5 —5	—9 —9	—9 —10	—12 —12	—14 —16	—17 —19	—21 —24	24 —40	—5 —4	—4 —3	—9 —9	—9 —10	—1 —12	—13 —15	—16 —18	—19 —23

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 56JM/20/2/3/...
560 mm 2910 rev/min 3 Blades 50 Hz

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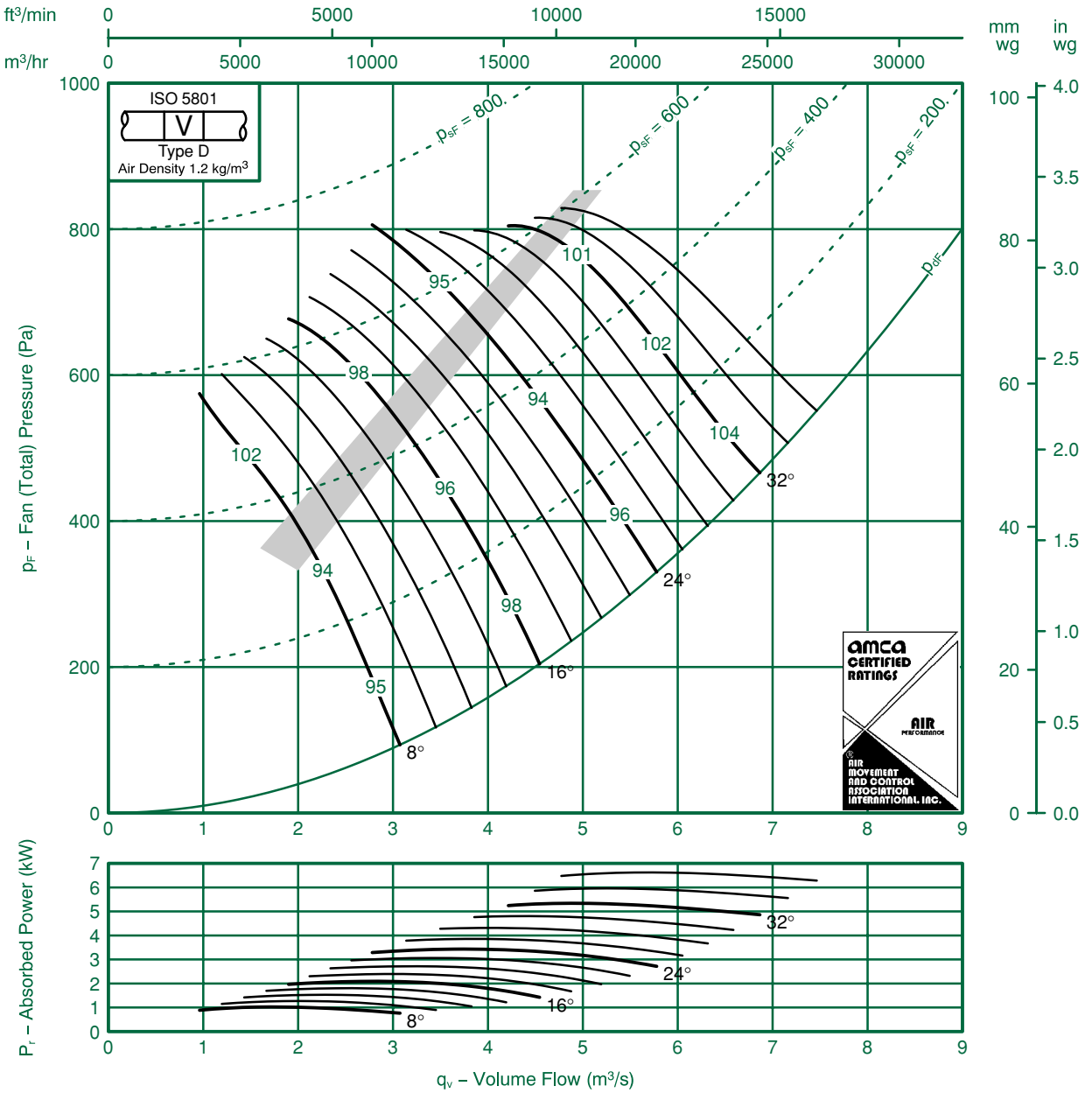

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	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—23 —15	—16 —6	—14 —10	—10 —7	—4 —8	—5 —8	—16 —13	—23 —15	8	—20 —13	—14 —3	—13 —9	—9 —7	—3 —8	—4 —7	—14 —12	—21 —12
16	—14 —1	—7 —4	—7 —9	—5 —7	—9 —9	—12 —12	—18 —18	—20 —20	16	—12 —10	—5 —2	—7 —8	—5 —7	—8 —9	—1 —12	—17 —17	—19 —18
24 —36	—10 —9	—6 —4	—9 —9	—7 —7	—10 —10	—1 —13	—16 —18	—19 —21	24 —36	—8 —6	—4 —1	—8 —9	—7 —7	—9 —10	—9 —12	—14 —17	—16 —19

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 56JM/20/2/6/...
560 mm 2910 rev/min 6 Blades 50 Hz

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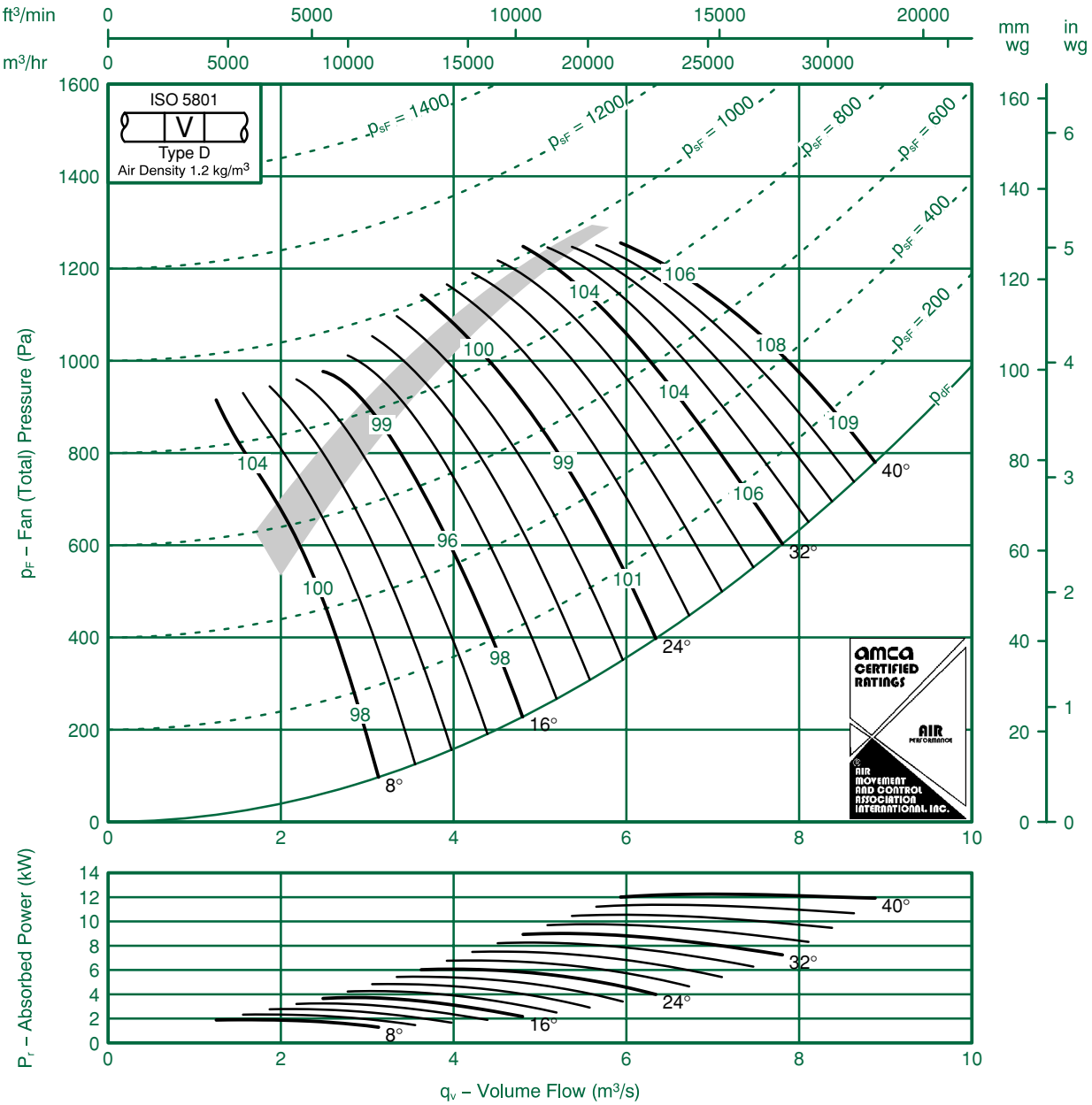

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—21 —16	—24 —21	—13 —1	—12 —9	—3 —6	—5 —4	—13 —1	—22 —16	8	—19 —14	—23 —21	—1 —8	—12 —8	—3 —6	—4 —3	—12 —10	—20 —14
16	—12 —9	—18 —15	—6 —5	—7 —7	—6 —9	—9 —9	—15 —15	—19 —16	16	—1 —8	—18 —14	—4 —3	—6 —6	—5 —8	—9 —9	—14 —14	—18 —16
24 —40	—7 —7	—8 —7	—6 —6	—10 —10	—10 —1	—13 —14	—15 —17	—18 —20	24 —40	—6 —4	—8 —7	—4 —4	—9 —9	—10 —1	—12 —13	—14 —16	—16 —19

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 63JM/20/8/3/...
630 mm 680 rev/min 3 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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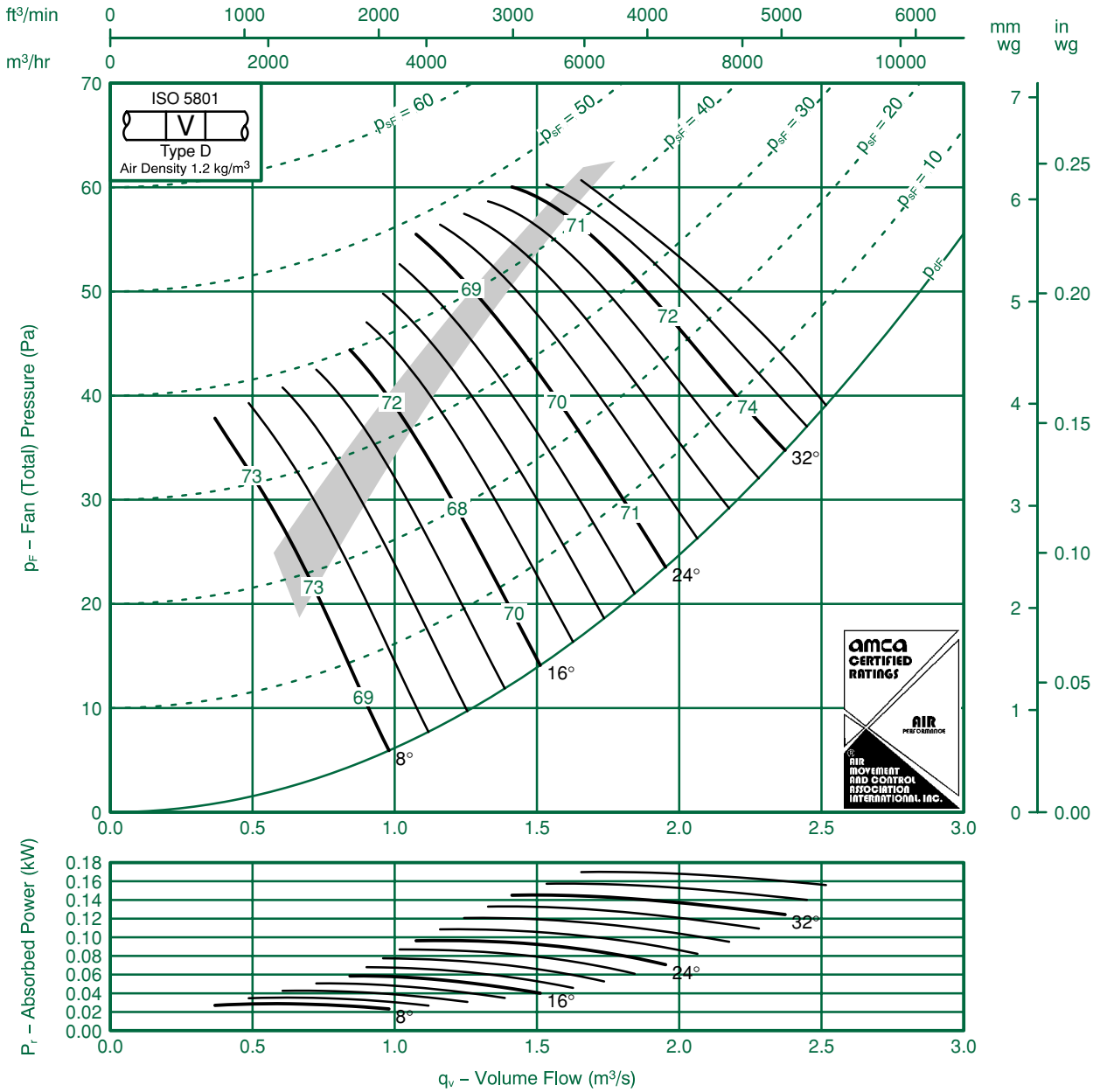

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—1 —7	—5 —5	—4 —7	—8 —9	—14 —10	—21 —14	—27 —21	—36 —30	8	—9 —5	—5 —5	—4 —7	—8 —8	—14 —10	—20 —13	—26 —20	—34 —28
16	—10 —3	—4 —5	—5 —1	—10 —13	—14 —13	—21 —17	—28 —23	—35 —30	16	—8 —2	—4 —5	—5 —1	—10 —13	—14 —13	—21 —17	—26 —22	—33 —28
24 —36	—4 —3	—5 —5	—10 —1	—12 —14	—14 —16	—17 —20	—21 —24	—26 —28	24 —36	—2 —2	—5 —5	—10 —1	—12 —14	—14 —16	—17 —20	—20 —22	—24 —26

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 63JM/20/8/6/...
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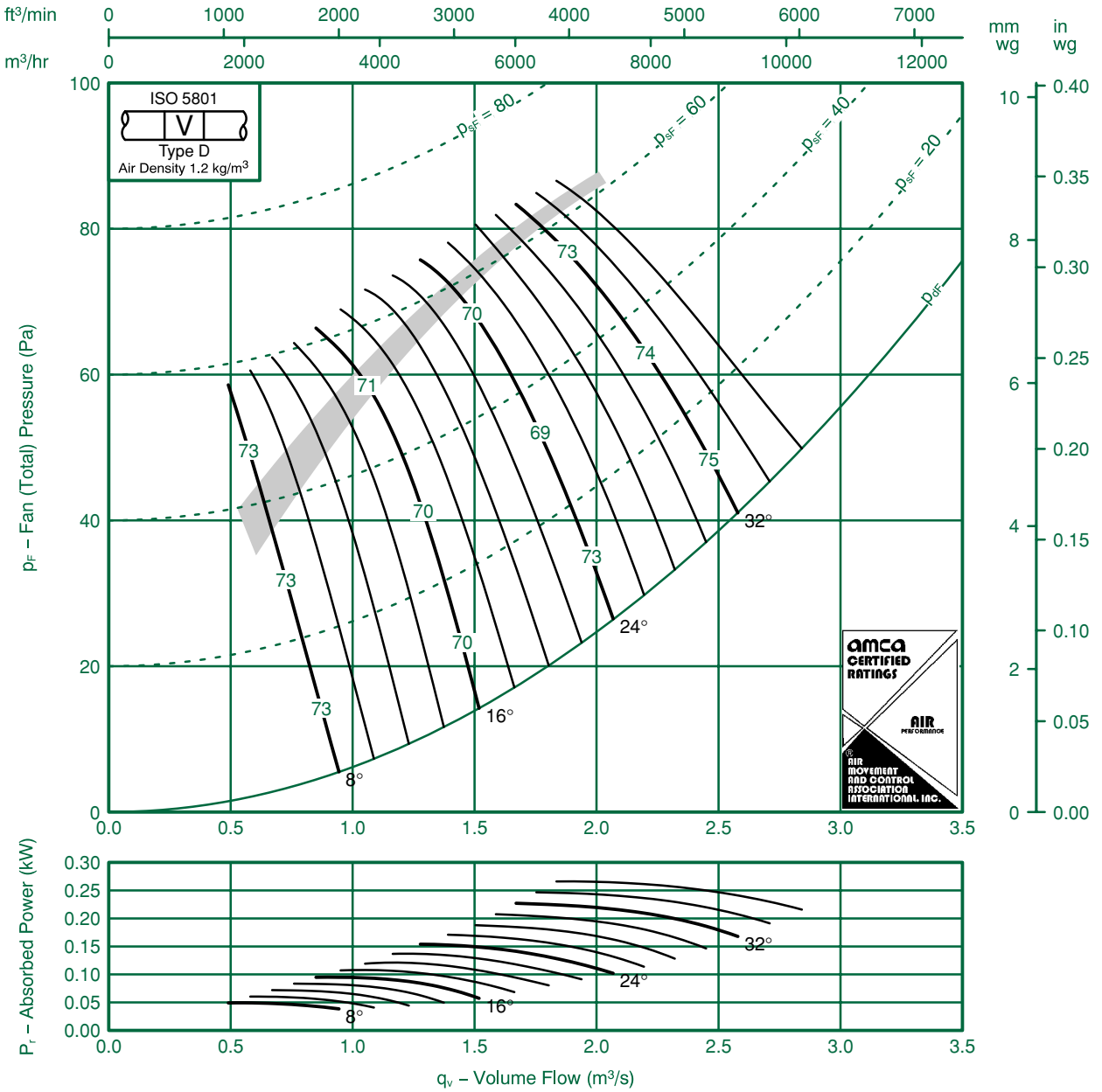

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Inlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—8 —1	—7 —8	—4 —5	—8 —5	—13 —10	—19 —16	—26 —24	—36 —33
16	—8 —5	—6 —6	—5 —7	—8 —10	—10 —1	—18 —15	—25 —21	—34 —28
24 —36	—4 —3	—6 —6	—8 —10	—12 —13	—14 —16	—18 —20	—22 —25	—28 —30

Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—6 —10	—7 —8	—4 —5	—8 —5	—13 —10	—19 —15	—25 —23	—34 —32
16	—7 —5	—6 —6	—5 —7	—8 —10	—10 —1	—18 —15	—24 —20	—32 —27
24 —36	—3 —2	—5 —6	—8 —10	—12 —13	—14 —16	—18 —20	—22 —24	—26 —28

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 63JM/20/6/3/...
630 mm 900 rev/min 3 Blades 50 Hz

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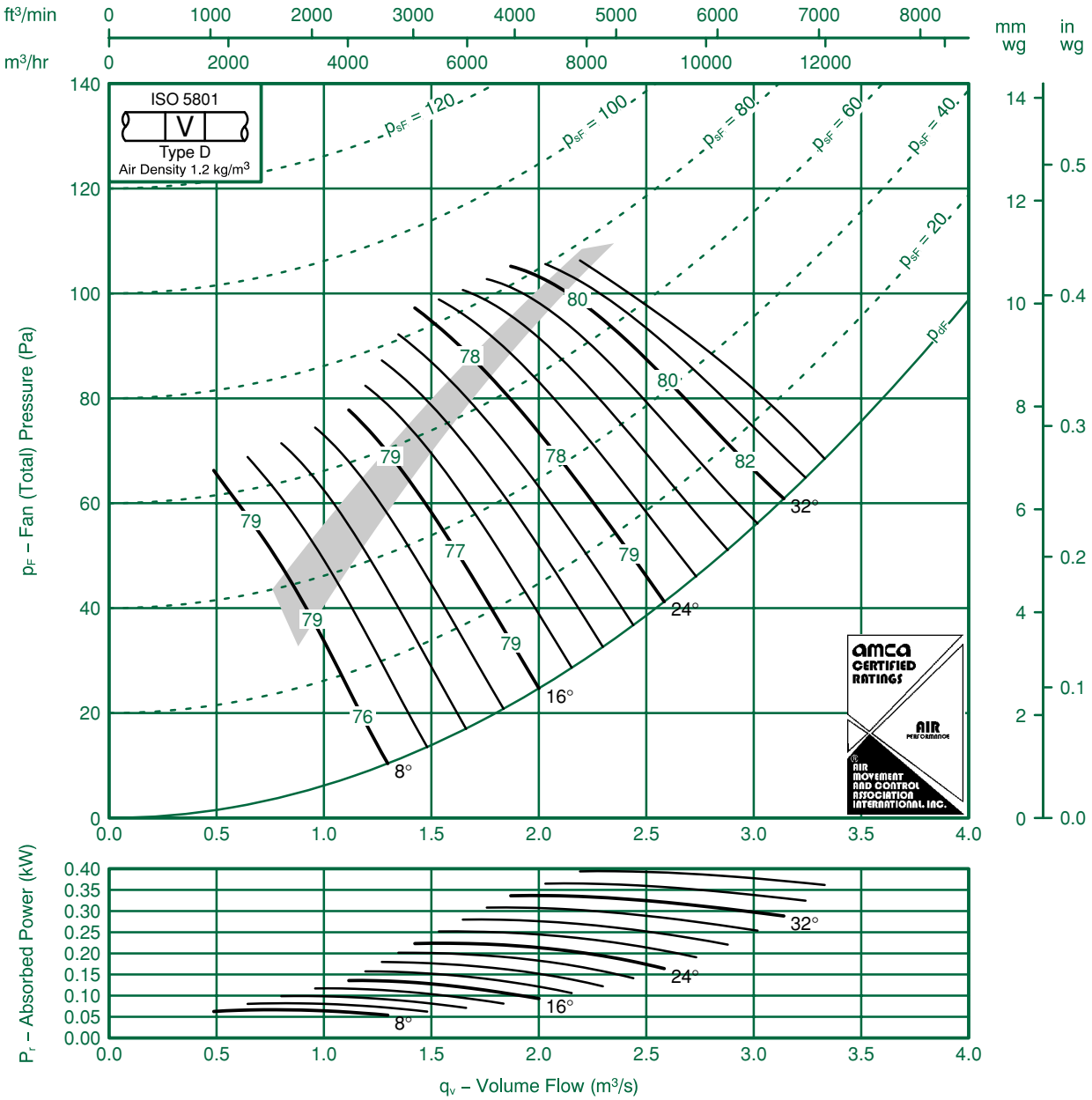

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—9 —4	—7 —8	—4 —8	—7 —9	—13 —12	—20 —15	—26 —20	—33 —29	8	—6 —2	—7 —8	—4 —8	—7 —9	—13 —12	—19 —14	—25 —20	—30 —27
16	—7 —1	—6 —8	—4 —12	—10 —16	—14 —16	—20 —20	—27 —24	—33 —30	16	—5 —1	—6 —8	—4 —12	—10 —16	—14 —16	—20 —19	—25 —23	—30 —28
24 —36	—2 —1	—7 —8	—1 —13	—14 —16	—15 —19	—19 —22	—22 —25	—26 —29	24 —36	—1 0	—7 —8	—1 —13	—14 —16	—15 —19	—19 —22	—21 —24	—24 —27

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 63JM/20/6/6/...
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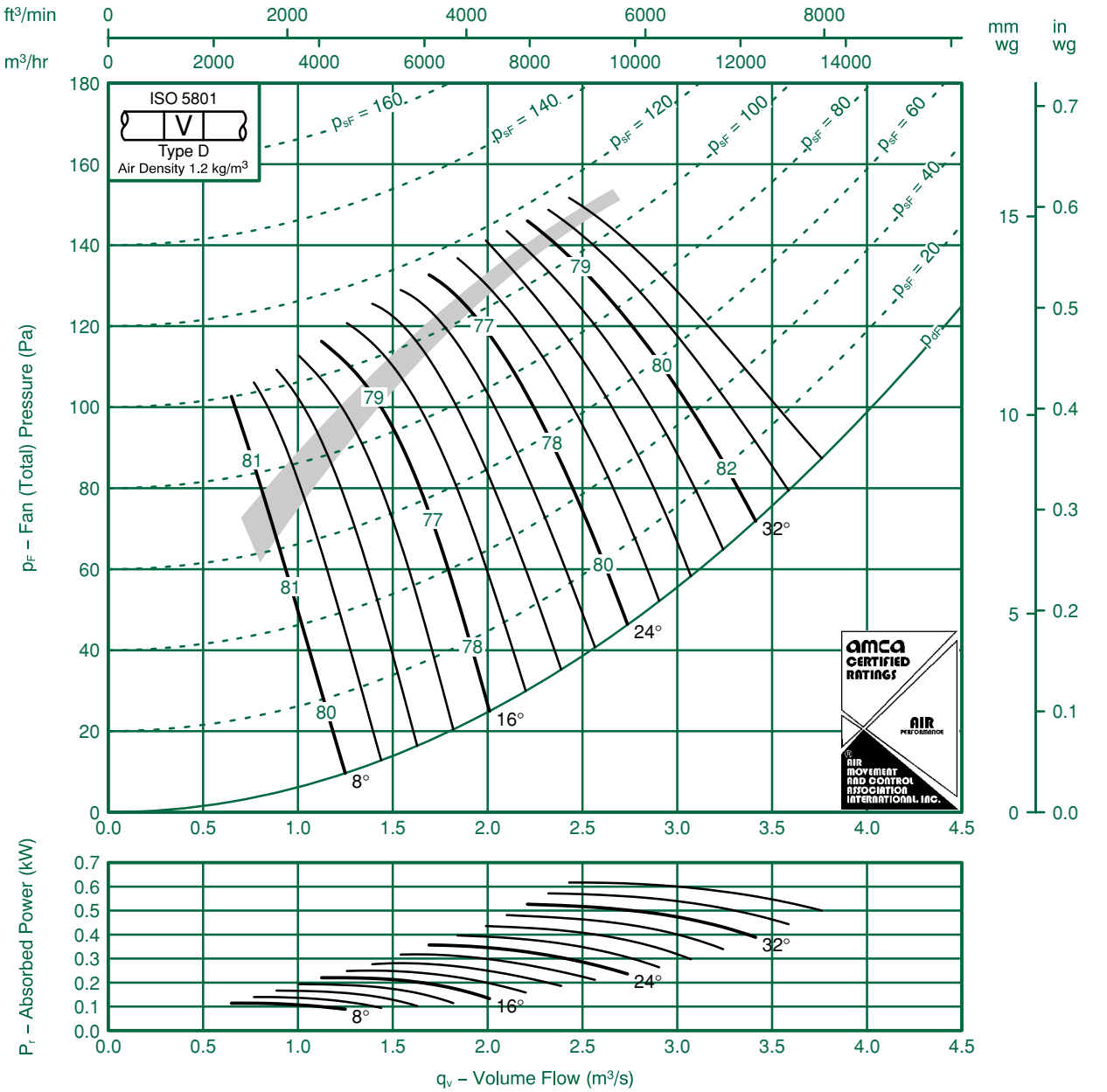

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—9 —12	—8 —9	—4 —6	—6 —4	—12 —9	—18 —15	—24 —21	—32 —30	8	—8 —12	—7 —8	—4 —6	—7 —4	—12 —9	—18 —14	—23 —21	—30 —28
16	—1 —8	—7 —4	—5 —7	—7 —9	—10 —1	—16 —14	—23 —19	—30 —26	16	—10 —7	—7 —4	—5 —7	—7 —9	—10 —1	—16 —14	—22 —18	—28 —24
24 —36	—6 —4	—4 —4	—6 —9	—1 —12	—14 —16	—18 —19	—21 —24	—25 —28	24 —36	—5 —4	—4 —4	—6 —9	—1 —12	—14 —16	—18 —19	—21 —23	—24 —26

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 63JM/25/6/9/...
630 mm 935 rev/min 9 Blades 50 Hz

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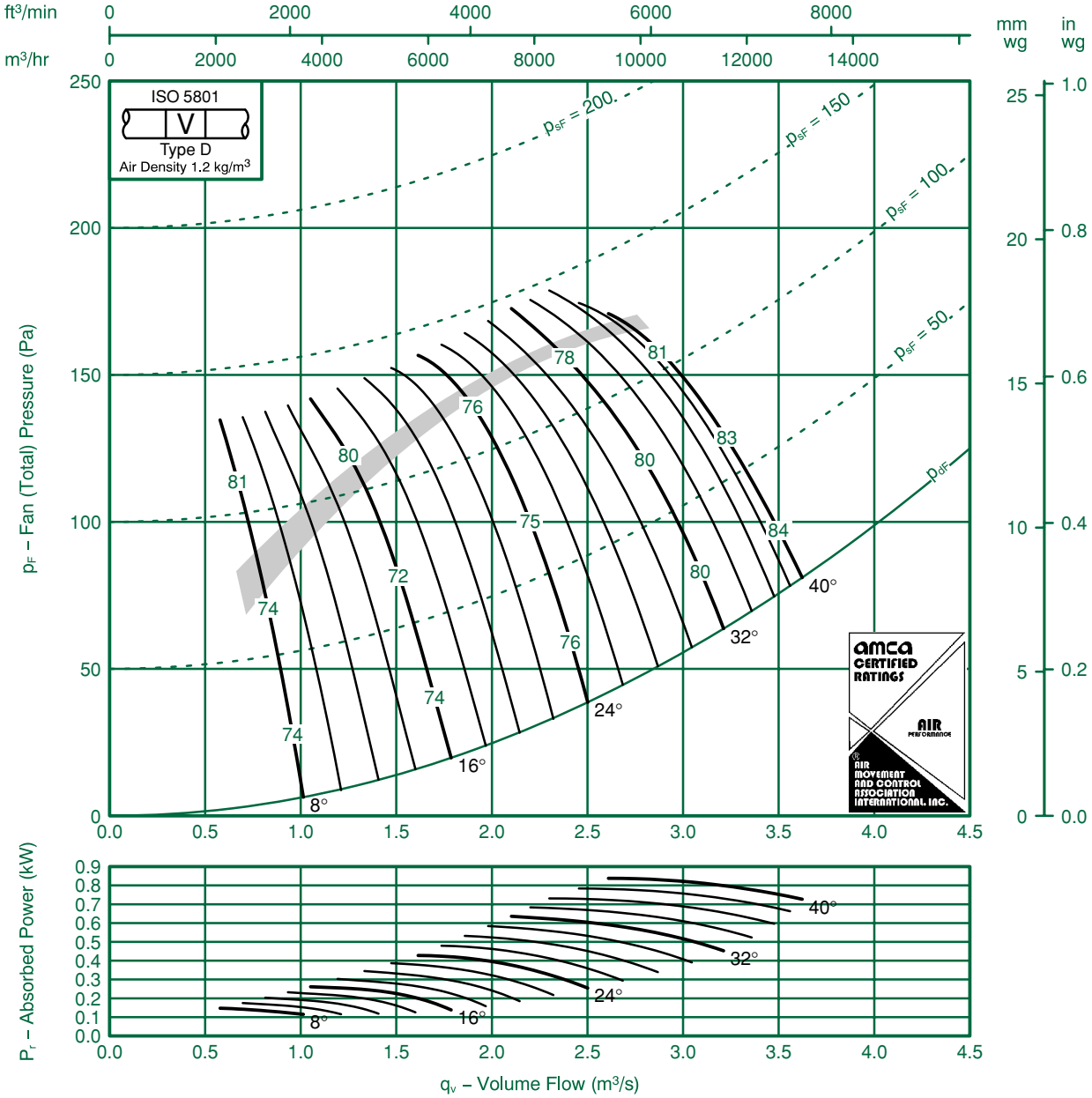

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—10 —10	—9 —8	—6 —8	—5 —6	—8 —8	—15 —8	—24 —15	—31 —17	8	—8 —9	—7 —6	—6 —8	—5 —7	—8 —8	—14 —8	—24 —14	—30 —15
16	—1 —8	—7 —4	—5 —8	—6 —1	—9 —1	—15 —1	—21 —17	—26 —17	16	—9 —7	—6 —2	—5 —8	—6 —1	—9 —1	—15 —1	—21 —16	—25 —16
24 —40	—7 —5	—4 —5	—6 —7	—12 —13	—13 —14	—16 —17	—20 —23	—23 —26	24 —40	—5 —3	—3 —3	—6 —7	—12 —13	—13 —14	—15 —17	—19 —22	—22 —25

JM AEROFOIL

BS 5750 Pt 1
EN 29001
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Fan Code: 63JM/20/4/3/...
630 mm 1420 rev/min 3 Blades 50 Hz

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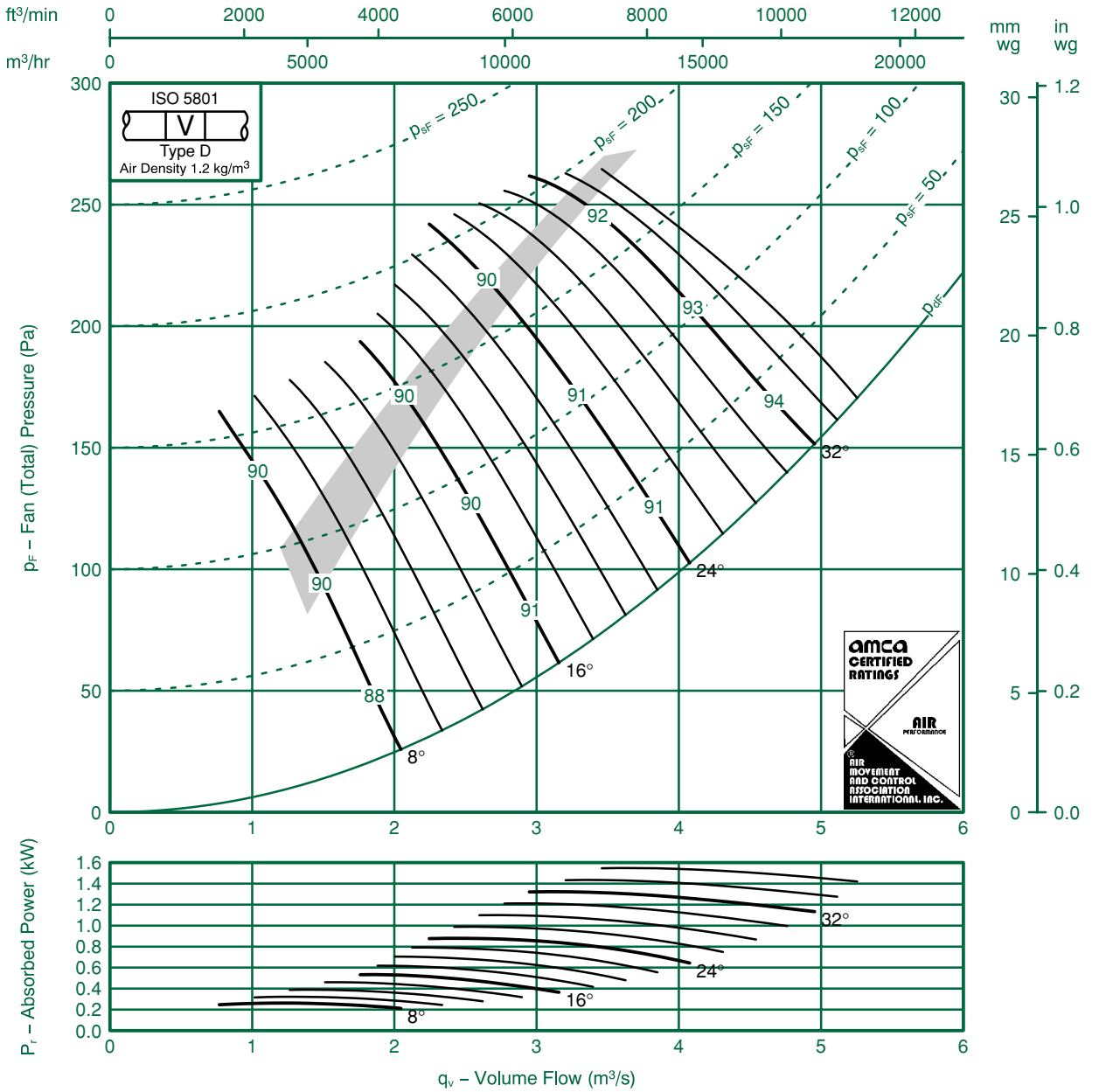

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—7 —2	—13 —12	—6 —9	—5 —10	—10 —13	—15 —14	—22 —19	—29 —25	8	—5 —1	—12 **—1**	—6 —9	—5 —10	—10 —13	—14 —13	—21 —18	—26 —23
16	—5 —1	—12 —10	—5 **—1**	—7 —17	—13 —20	—16 —19	—24 —23	—30 —29	16	—4 0	—12 —10	—5 **—1**	—7 —17	—12 —19	—15 —19	—22 —22	—27 —27
24 —36	—2 —1	—9 —9	—9 **—1**	—15 —17	—16 —19	—19 —22	—22 —26	—26 —29	24 —36	—1 0	—9 —9	—9 **—1**	—15 —17	—16 —19	—18 —21	—20 —24	—24 —27

JM AEROFOIL

BS 5750 Pt 1
EN 29001
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Fan Code: 63JM/20/4/6/...
630 mm 1420 rev/min 6 Blades 50 Hz

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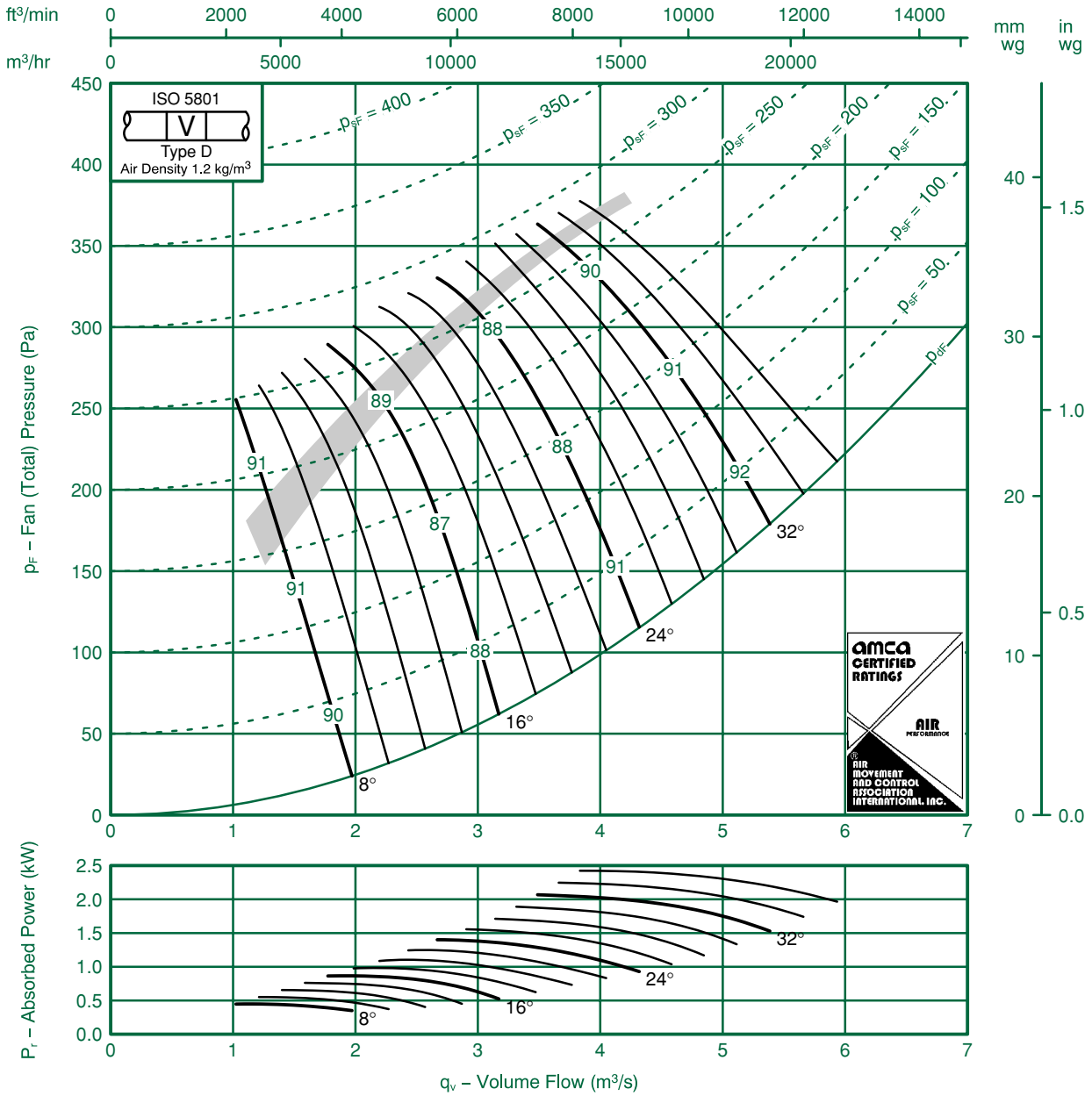

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Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—12 —15	—8 —10	—7 —8	—4 —5	—9 —6	—13 —10	—21 —17	—27 —24	8	—1 —15	—7 —10	—7 —8	—4 —5	—9 —6	—13 —9	—20 —17	—25 —23
16	—14 —1	—8 —5	—6 —6	—5 —8	—9 —1	—1 —12	—19 —16	—25 —22	16	—13 —1	—8 —5	—6 —6	—5 —8	—9 —1	—1 —1	—18 —15	—24 —20
24 —36	—8 —6	—4 —4	—6 —7	—9 —1	—13 —14	—15 —17	—19 —21	—23 —26	24 —36	—7 —6	—4 —3	—6 —7	—9 —1	—13 —14	—15 —17	—18 —20	—22 —24

JM AEROFOIL

BS 5750 Pt 1
EN 29001
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Fan Code: 63JM/25/4/6/...
630 mm 1440 rev/min 6 Blades 50 Hz

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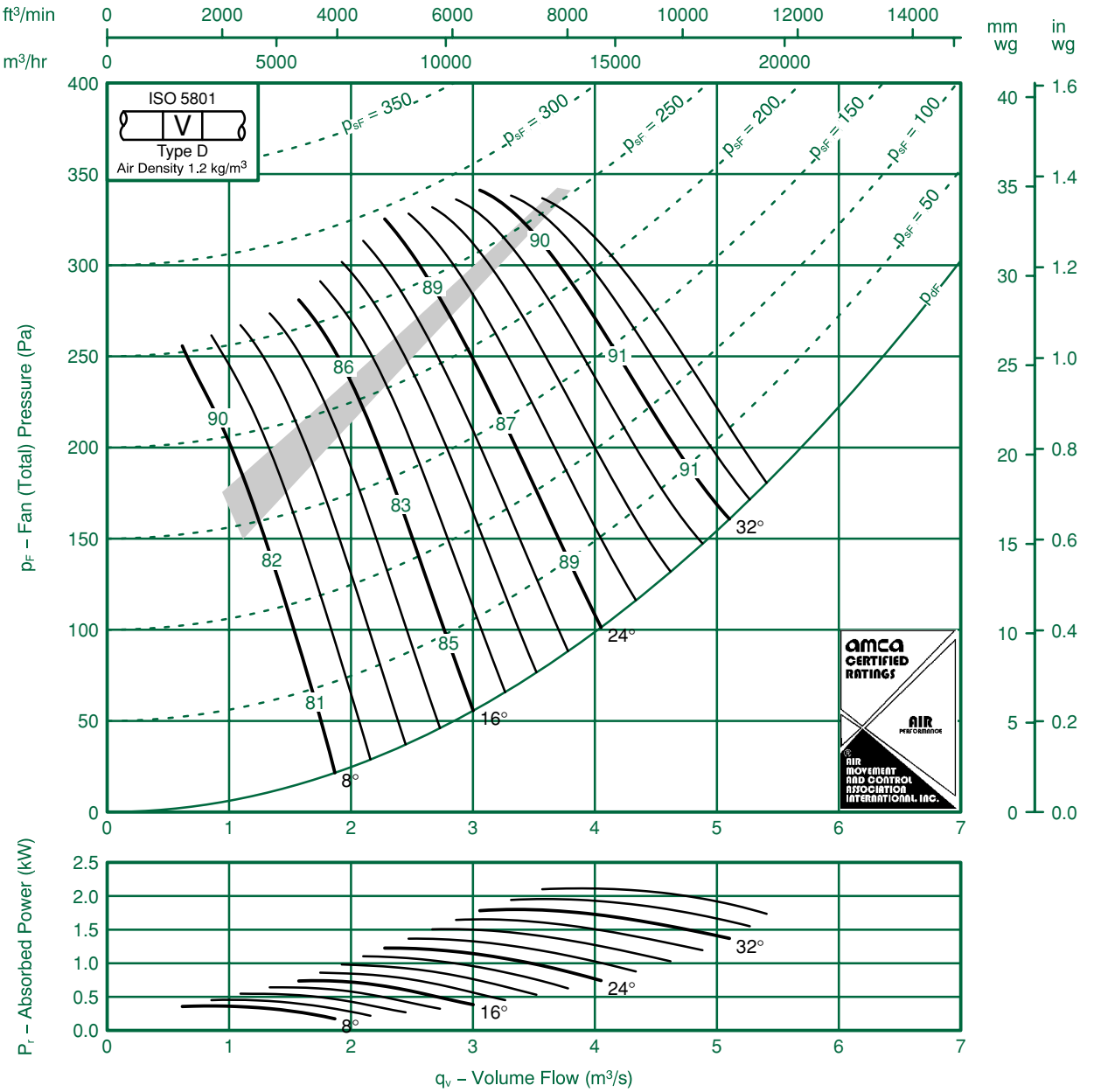

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8	—1 —6	—1 —7	—8 —8	—4 —9	—6 —10	—12 —10	—19 —12	—28 —16
16	—7 —5	—7 —6	—5 —7	—9 —1	—1 —13	—1 —14	—17 —16	—21 —21
24 —36	—4 —4	—7 —6	—6 —8	—9 —12	—13 —15	—15 —17	—20 —22	—25 —27

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Pitch Angle	Octave Band Centre Frequency (Hz)							
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8	—9 —5	—9 —6	—7 —7	—4 —9	—6 —1	—12 —10	—19 —1	—26 —14
16	—6 —3	—6 —5	—5 —6	—9 —1	—10 —13	—1 —14	—16 —16	—21 —20
24 —32	—3 —1	—6 —4	—6 —7	—9 —12	—13 —15	—14 —17	—19 —21	—23 —26

JM AEROFOIL

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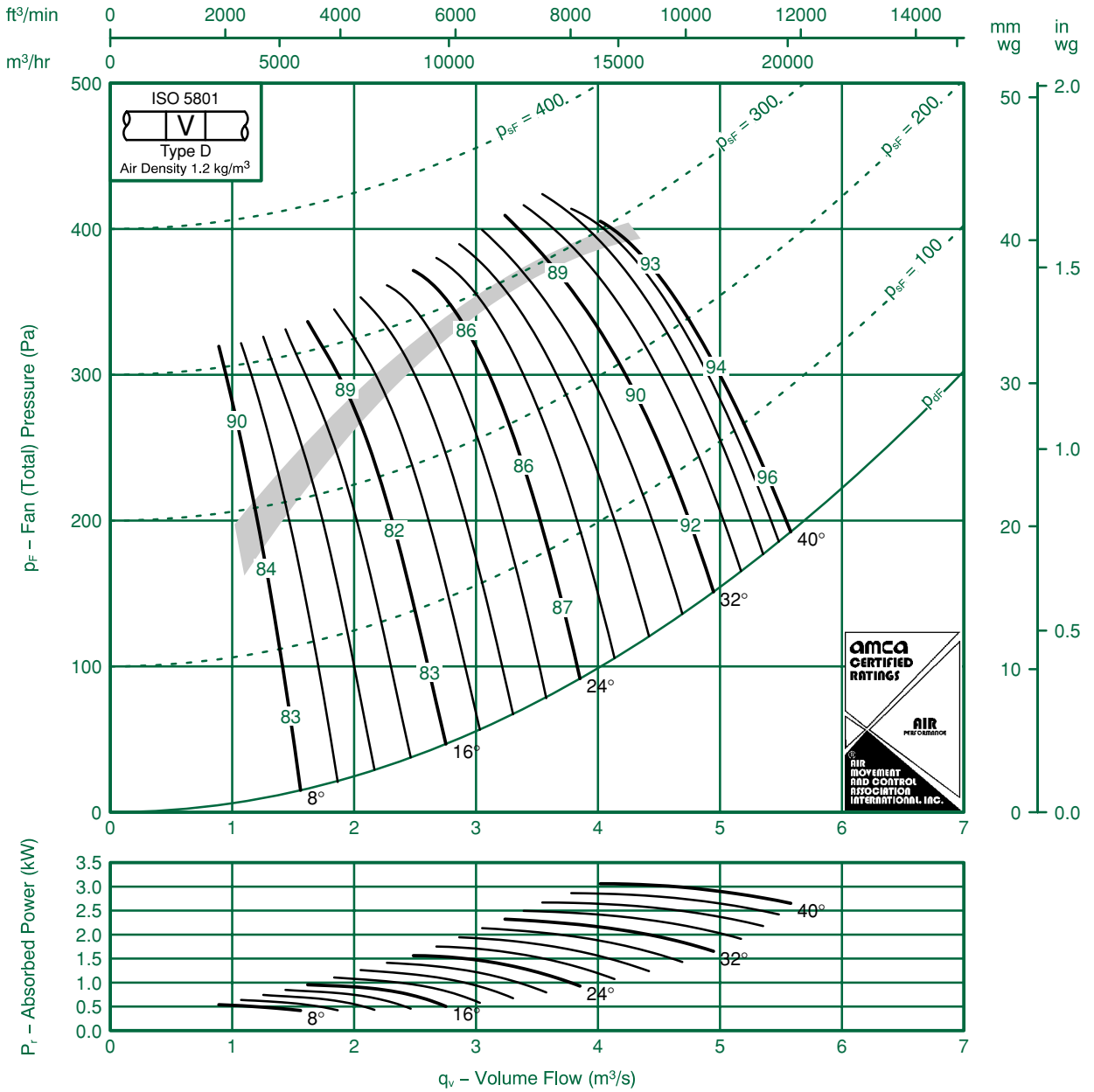

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8	—13 —13	—10 —10	—9 —8	—6 —7	—5 —7	—10 —8	—18 —10	—27 —16	8	—1 —12	—9 —10	—7 —6	—6 —7	—4 —7	—10 —7	—17 —9	—25 —14
16	—12 —9	—1 —9	—7 —5	—4 —8	—8 —1	—1 —1	—17 —12	—23 —17	16	—1 —7	—10 —8	—5 —3	—4 —8	—8 —1	—10 —1	—17 —12	—22 —16
24 —40	—6 —4	—8 —7	—5 —6	—9 —10	—13 —15	—14 —16	—19 —21	—22 —26	24 —40	—4 —2	—7 —6	—4 —4	—9 —10	—13 —15	—14 —16	—17 —20	—21 —25

JM AEROFOIL

BS 5750 Pt 1
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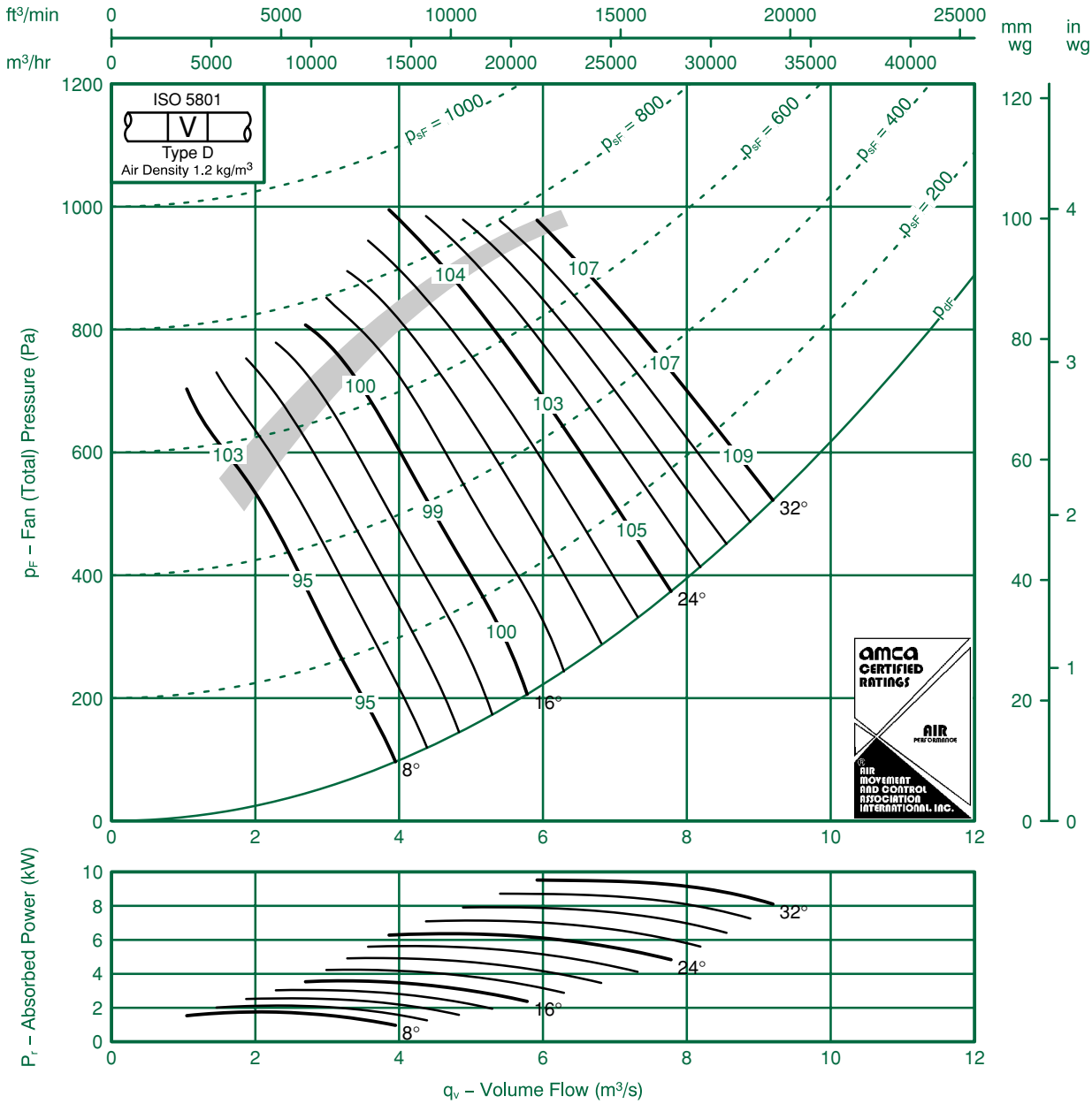

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8	—23 —16	—12 —4	—13 —7	—8 —8	—4 —1	—8 —14	—14 —15	—21 —15	8	—20 —15	—9 —1	—1 —5	—8 —7	—3 —1	—7 —13	—13 —13	—18 —12
16	—16 —12	—6 —4	—6 —6	—6 —8	—7 —12	—12 —16	—17 —18	—20 —20	16	—15 —1	—5 —1	—6 —5	—6 —8	—7 —12	—12 —16	—16 —17	—19 —19
24 —32	—6 —7	—5 —4	—7 —6	—9 —10	—14 —15	—17 —18	—20 —21	—23 —24	24 —32	—4 —5	—3 —2	—6 —5	—9 —10	—13 —15	—16 —17	—18 —19	—20 —22

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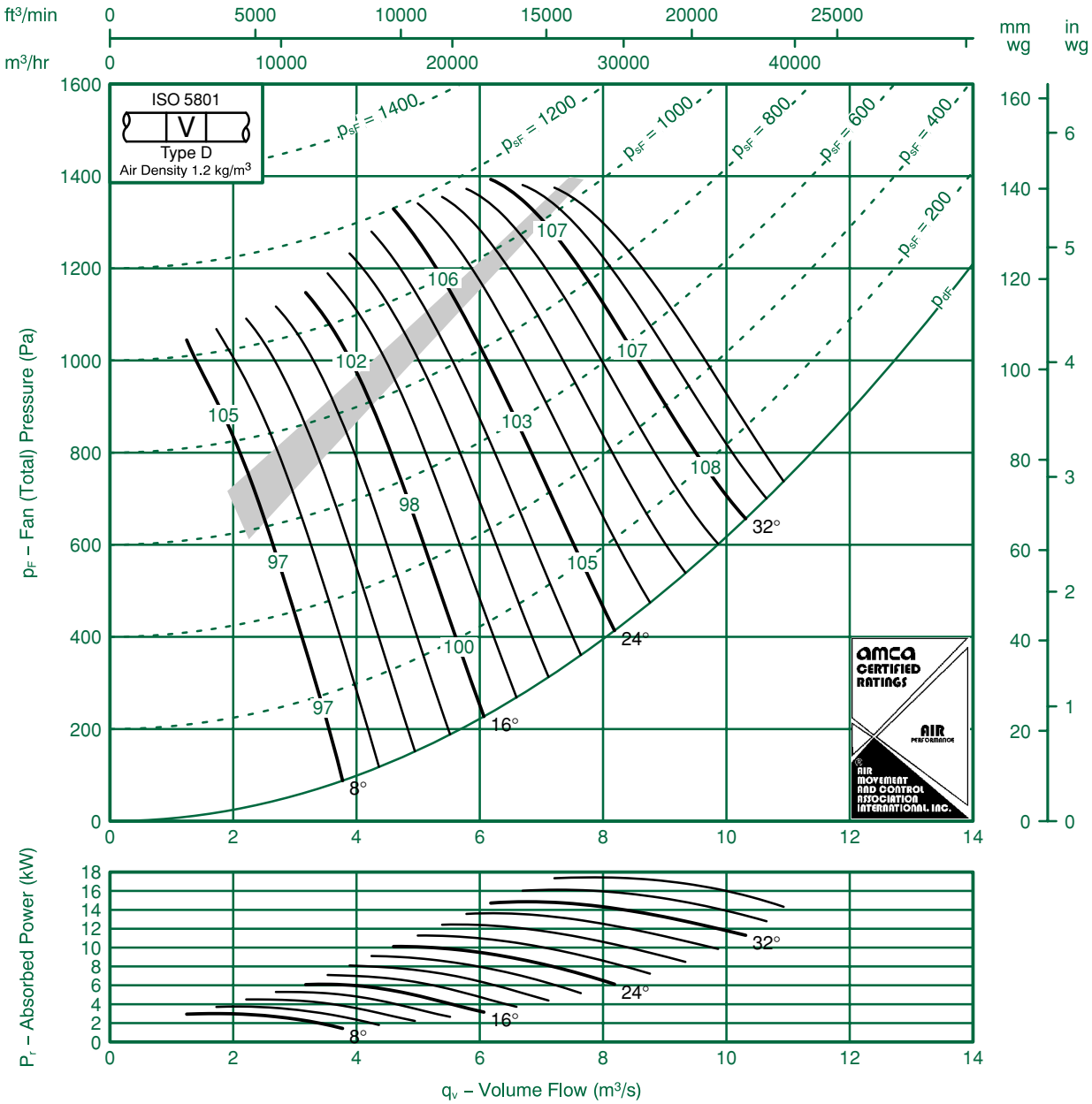

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	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—20 —16	—1 —6	—1 —7	—8 —8	—5 —9	—7 —1	—13 —1	—20 —12	8	—17 —15	—1 —6	—10 —6	—6 —7	—4 —9	—6 —10	—12 —9	—18 —10
16	—10 —1	—7 —5	—8 —6	—5 —7	—10 —12	—1 —13	—12 —14	—17 —17	16	—9 —10	—7 —5	—7 —5	—5 —6	—9 —12	—1 —13	—12 —14	—16 —16
24 —36	—6 —7	—6 —5	—8 —7	—8 —9	—1 —13	—14 —16	—17 —18	—21 —23	24 —36	—4 —4	—5 —4	—8 —6	—7 —8	—1 —13	—13 —16	—15 —17	—20 —22

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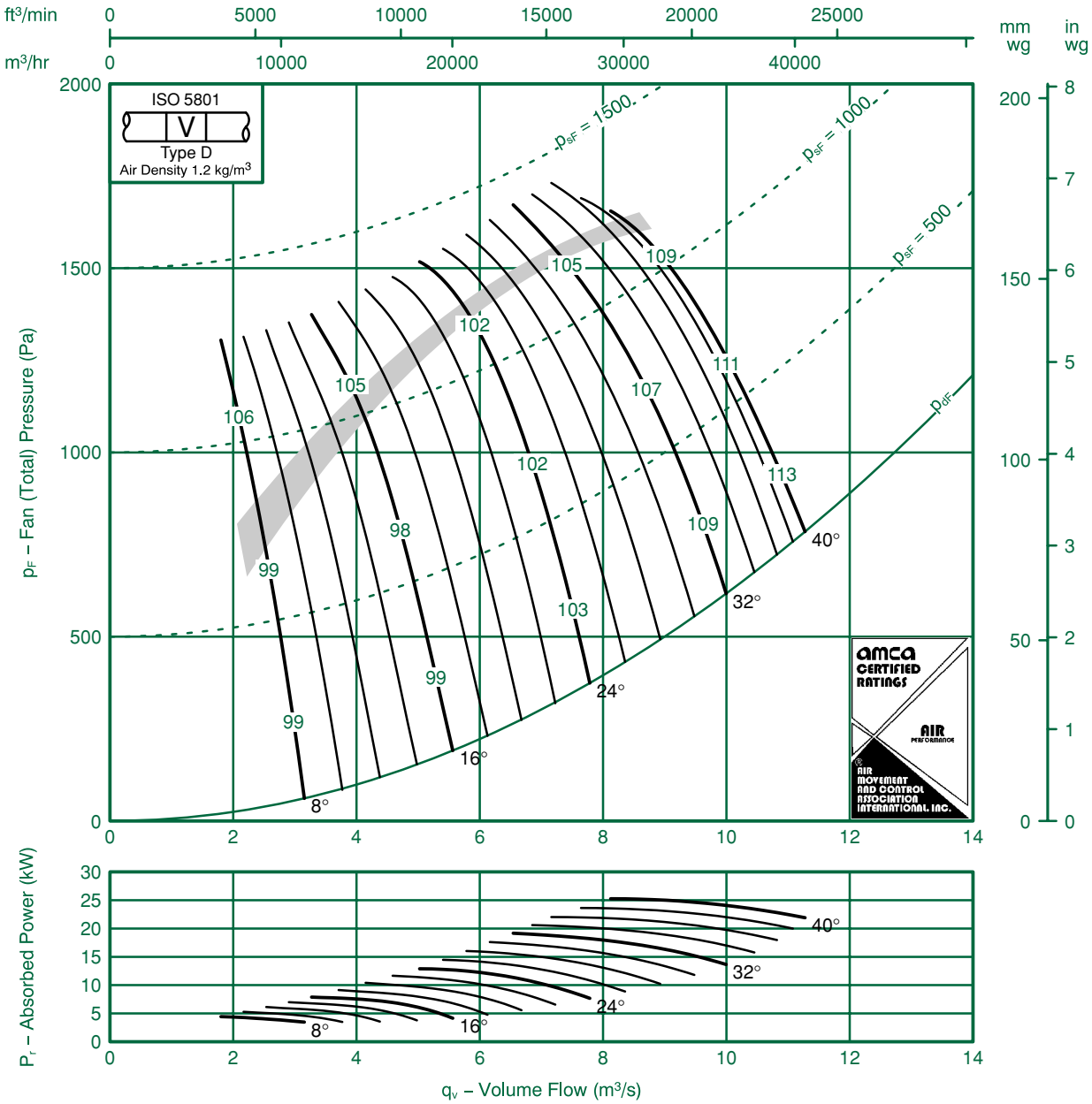

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—16 —15	—14 —13	—10 —1	—9 —8	—6 —7	—5 —7	—1 —8	—18 —1	8	—14 —13	—13 —13	—10 —10	—7 —6	—6 —7	—4 —6	—10 —7	—16 —9
16	—14 —9	—13 —9	—1 —9	—7 —5	—4 —9	—8 —1	—12 —12	—17 —13	16	—12 —8	—13 —9	—1 —9	—5 —3	—4 —9	—8 —1	—1 —12	—17 —12
24 —40	—7 —6	—7 —6	—9 —9	—6 —8	—10 —12	—14 —16	—16 —18	—20 —22	24 —40	—6 —4	—6 —5	—8 —8	—4 —6	—10 —12	—13 —16	—14 —17	—18 —21

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 71JM/20/8/3/...
710 mm 680 rev/min 3 Blades 50 Hz

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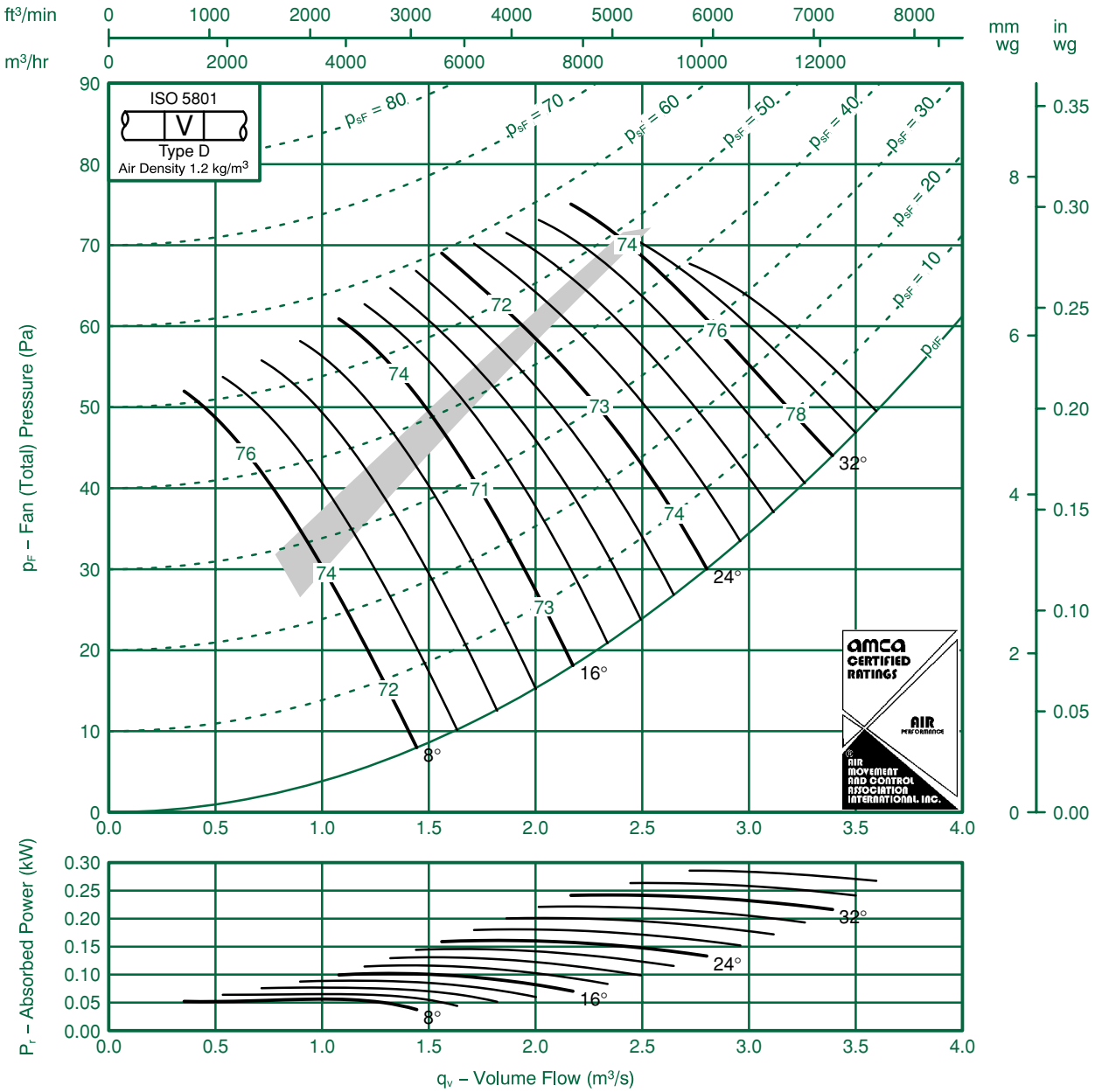

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8	—13 —8	—7 —7	—3 —6	—8 —7	—12 —9	—19 —14	—25 —20	—35 —29	8	—1 —7	—6 —6	—3 —6	—8 —7	—12 —9	—19 —13	—24 —19	—32 —27
16	—9 —4	—5 —5	—5 —9	—9 —12	—1 —12	—17 —15	—22 —20	—29 —26	16	—8 —3	—5 —5	—5 —9	—9 —12	—1 —12	—17 —15	—20 —18	—27 —24
24 —36	—5 —3	—6 —5	—9 —10	—10 —12	—10 —13	—14 —17	—18 —20	—25 —27	24 —36	—3 —2	—6 —5	—9 —10	—10 —12	—10 —13	—14 —16	—17 —19	—23 —24

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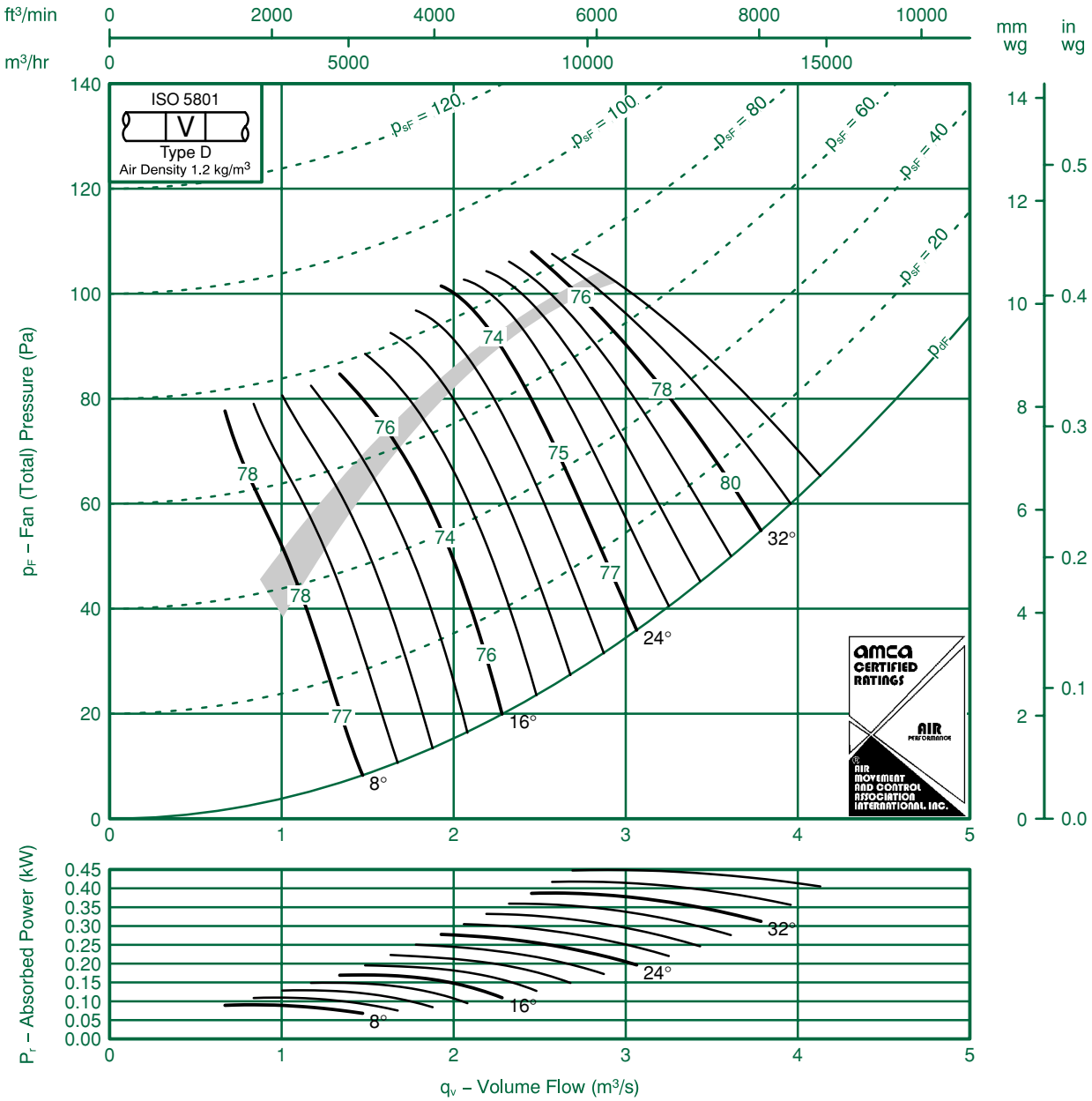

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8	—1 —12	—7 —9	—4 —5	—7 —5	—1 —8	—18 —16	—25 —22	—34 —32	8	—9 —12	—7 —9	—4 —5	—7 —5	—1 —8	—18 —14	—24 —22	—32 —31
16	—1 —6	—6 —6	—4 —7	—8 —9	—1 —10	—18 —14	—24 —19	—34 —27	16	—10 —6	—6 —6	—4 —7	—8 —9	—1 —10	—18 —14	—24 —19	—32 —25
24 —36	—5 —4	—6 —5	—7 —8	—10 —12	—1 —13	—15 —17	—19 —21	—26 —28	24 —36	—4 —3	—6 —5	—7 —8	—10 —12	—1 —13	—15 —17	—18 —20	—24 —26

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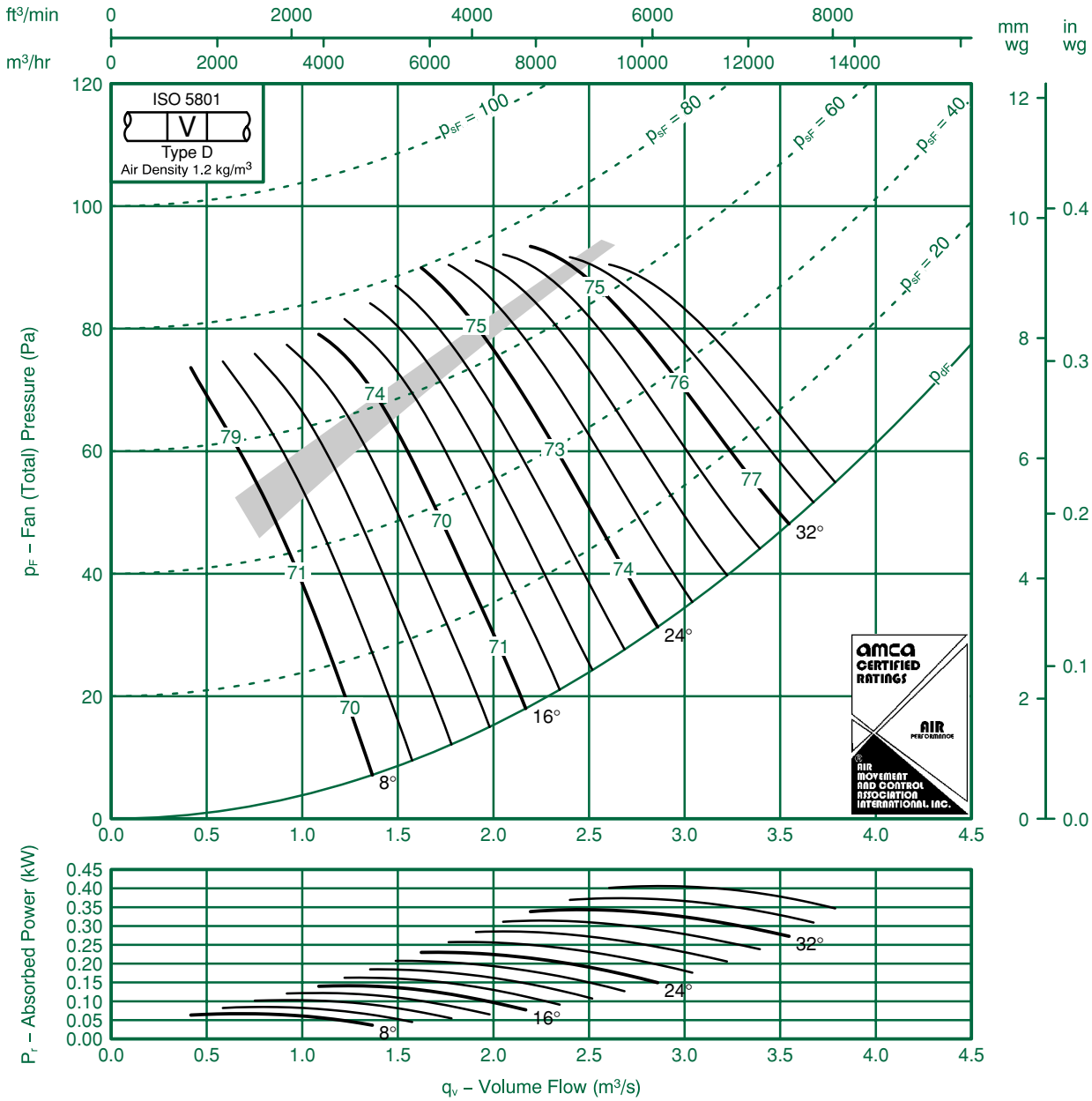

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8	—13 —9	—9 —8	—4 —7	—5 —6	—12 —8	—18 —10	—26 —18	—34 —26	8	—1 —7	—8 —8	—4 —7	—5 —6	—12 —8	—17 —10	—25 —17	—33 —24
16	—9 —6	—6 —5	—7 —8	—6 —10	—10 —12	—14 —14	—21 —20	—27 —26	16	—7 —4	—5 —4	—7 —8	—6 —10	—9 —12	—14 —14	—21 —20	—27 —25
24 —36	—6 —5	—6 —6	—7 —7	—8 —10	—12 —13	—16 —16	—19 —21	—23 —25	24 —36	—4 —2	—5 —5	—7 —7	—8 —10	—1 —13	—15 —16	—17 —20	—21 —24

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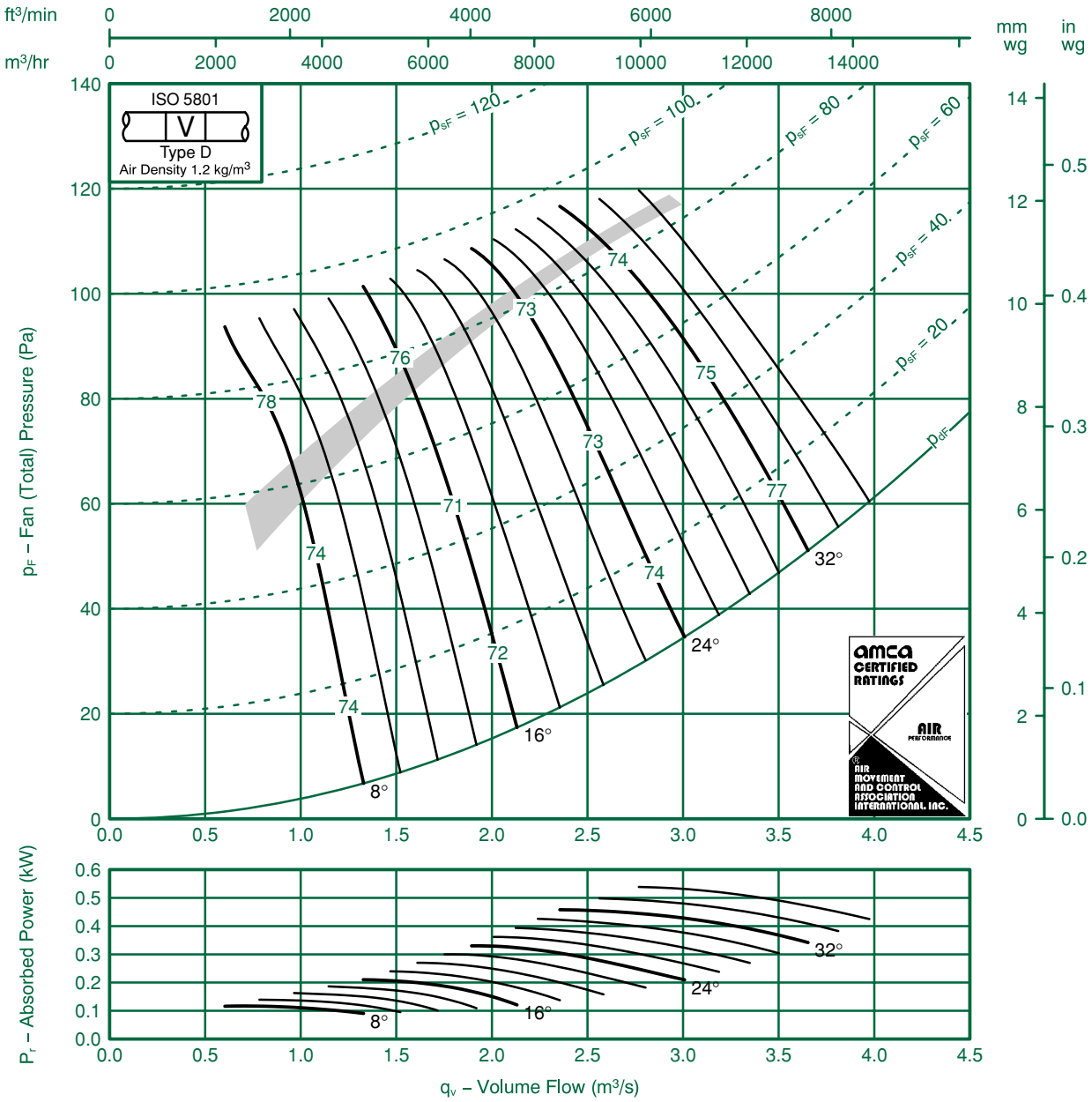

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16	—10 —9	—7 —5	—4 —6	—7 —8	—1 —10	—16 —12	—23 —20	—30 —27	16	—9 —7	—6 —3	—4 —6	—7 —8	—1 —10	—16 —12	—23 —20	—29 —26
24 —36	—8 —7	—5 —5	—6 —6	—8 —9	—1 —12	—14 —15	—18 —21	—22 —25	24 —36	—6 —5	—4 —3	—6 —6	—8 —9	—1 —12	—13 —15	—17 —20	—20 —24

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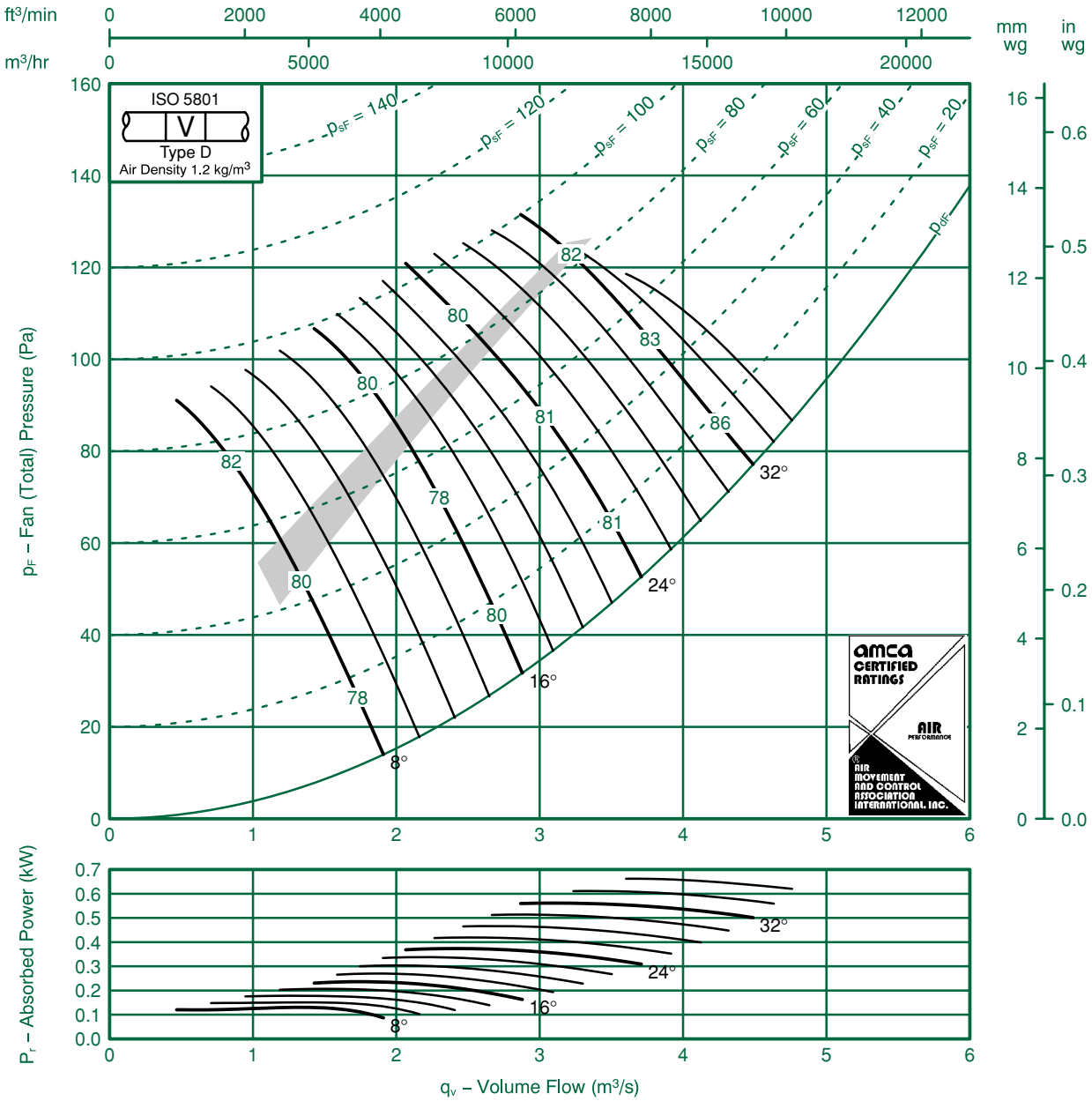

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8	—12 —6	—9 —8	—3 —7	—6 —7	—1 —9	—18 —14	—23 —19	—31 —27	8	—10 —4	—8 —8	—3 —7	—6 —7	—1 —9	—17 —12	—22 —18	—28 —25
16	—7 —2	—7 —7	—5 —10	—8 —14	—1 —13	—16 —17	—20 —20	—27 —26	16	—5 —2	—7 —7	—5 —10	—8 —14	—1 —13	—16 —16	—19 —19	—24 —24
24 —36	—4 —2	—7 —7	—9 —1	—1 —13	—10 —14	—14 —18	—17 —21	—23 —26	24 —36	—2 —1	—7 —7	—9 —1	—1 —13	—10 —14	—14 —17	—16 —19	—21 —24

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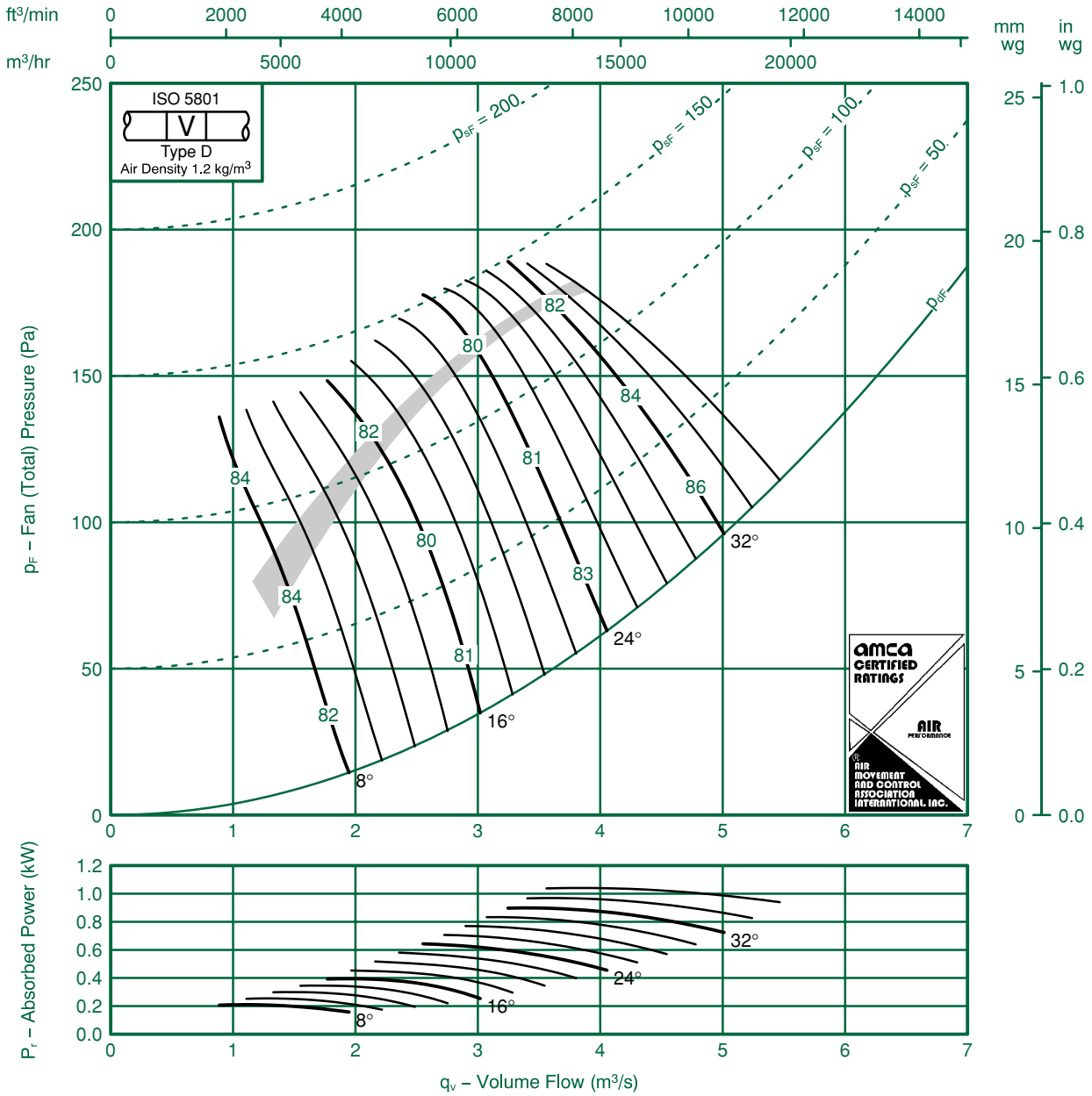

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8	—1 —14	—8 —9	—4 —6	—6 —4	—10 —7	—17 —14	—23 —20	—31 —28	8	—1 —14	—7 —9	—4 —6	—6 —4	—10 —7	—17 —13	—22 —20	—28 —27
16	—13 —8	—7 —5	—4 —6	—7 —9	—10 —10	—16 —13	—23 —18	—30 —24	16	—12 —8	—7 —5	—4 —6	—7 —9	—10 —10	—16 —13	—22 —17	—28 —22
24 —36	—7 —5	—5 —4	—6 —8	—10 —1	—1 —13	—14 —17	—18 —20	—23 —25	24 —36	—6 —4	—5 —4	—6 —8	—10 —1	—1 —13	—14 —17	—17 —19	—22 —24

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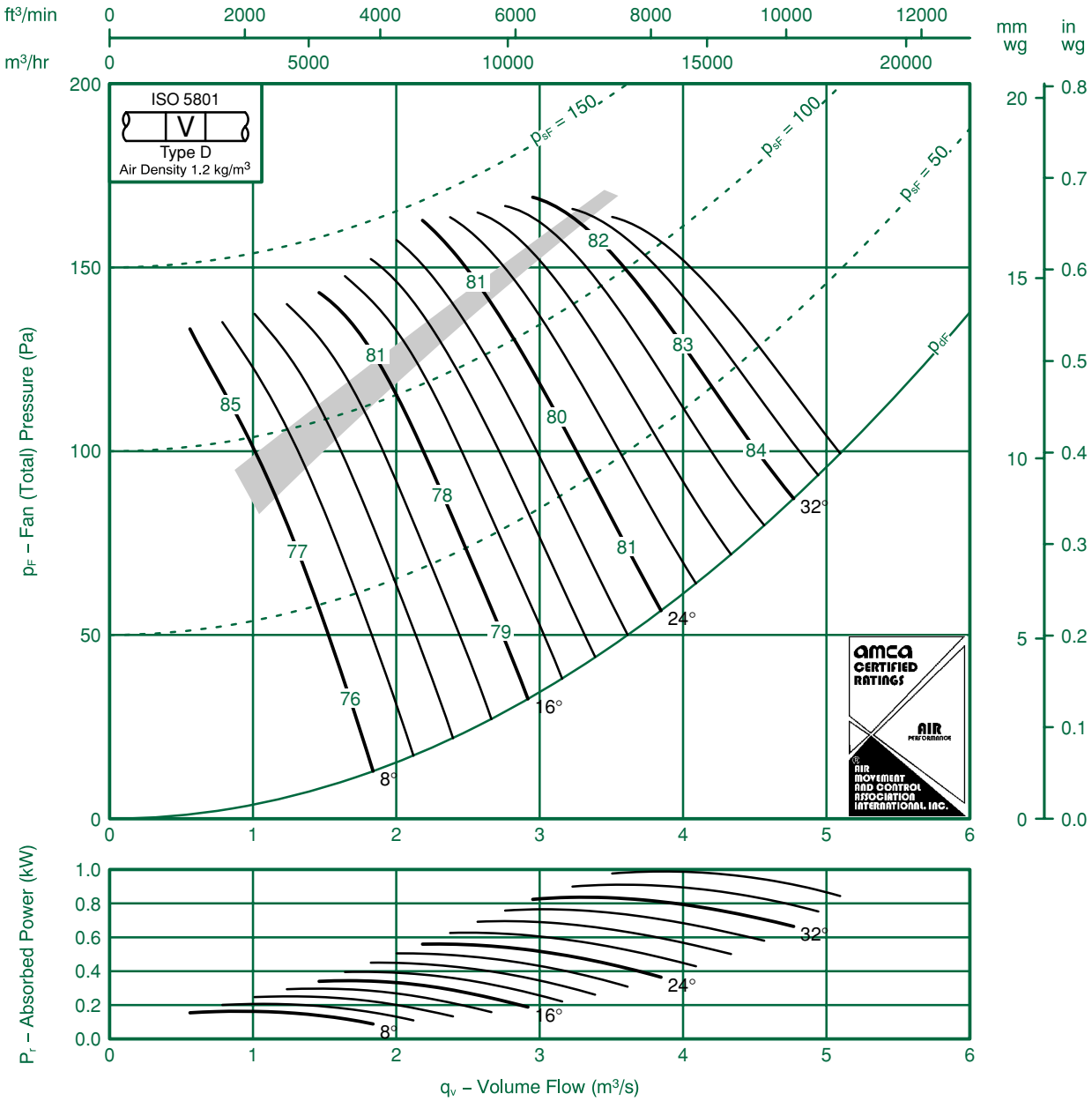

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8	—12 —7	—10 —9	—5 —8	—4 —7	—10 —8	—16 —10	—24 —17	—31 —24	8	—10 —5	—9 —7	—5 —8	—4 —7	—10 —8	—16 —9	—24 —16	—29 —22
16	—7 —4	—6 —6	—7 —9	—7 —1	—9 —13	—14 —14	—20 —20	—25 —25	16	—6 —2	—5 —4	—7 —9	—7 —1	—9 —13	—13 —14	—20 —20	—24 —24
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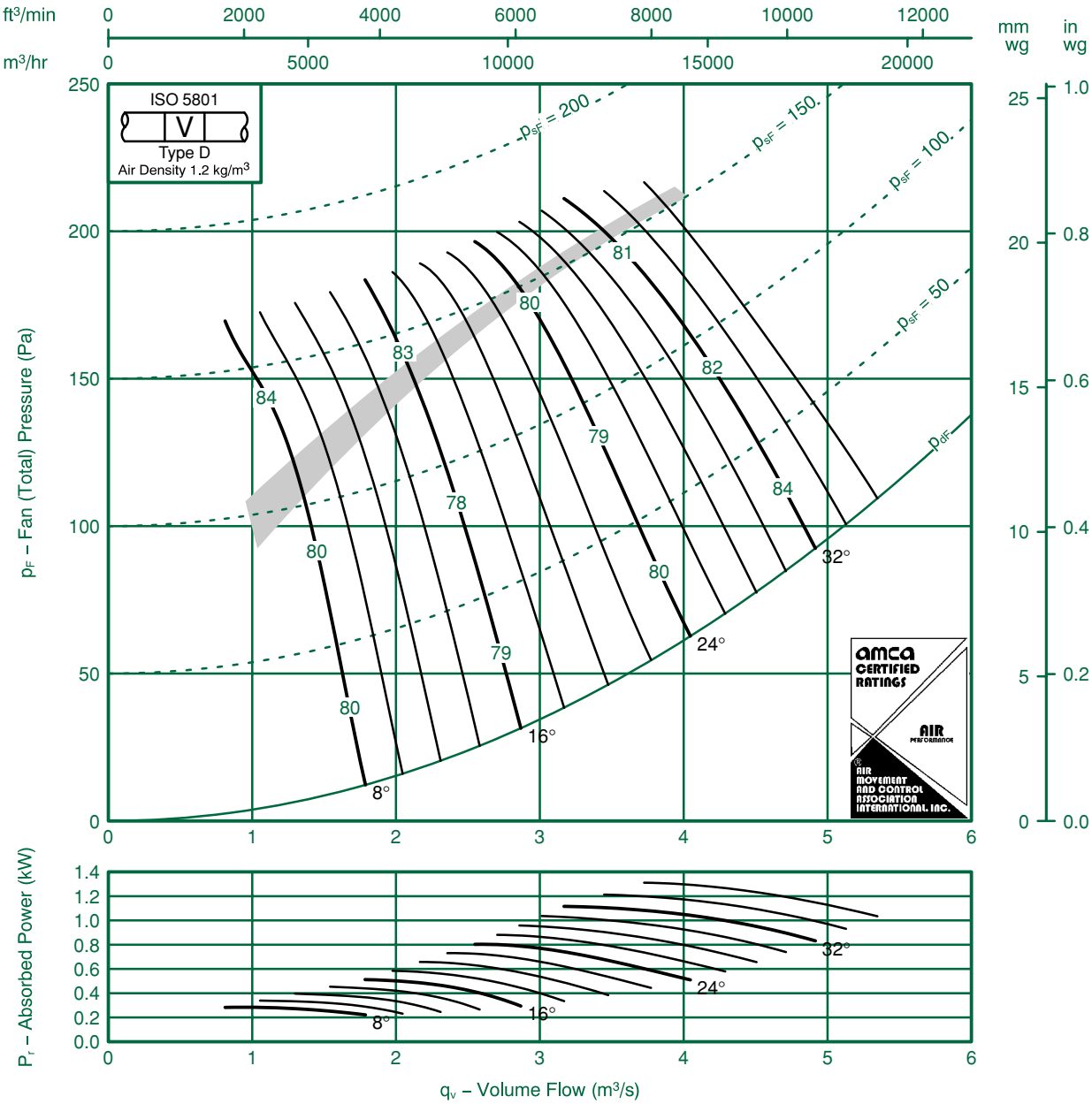

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8	—1 —10	—9 —8	—6 —8	—5 —6	—8 —8	—15 —8	—24 —18	—30 —24	8	—8 —9	—7 —6	—6 —7	—5 —6	—8 —8	—14 —8	—24 —16	—29 —23
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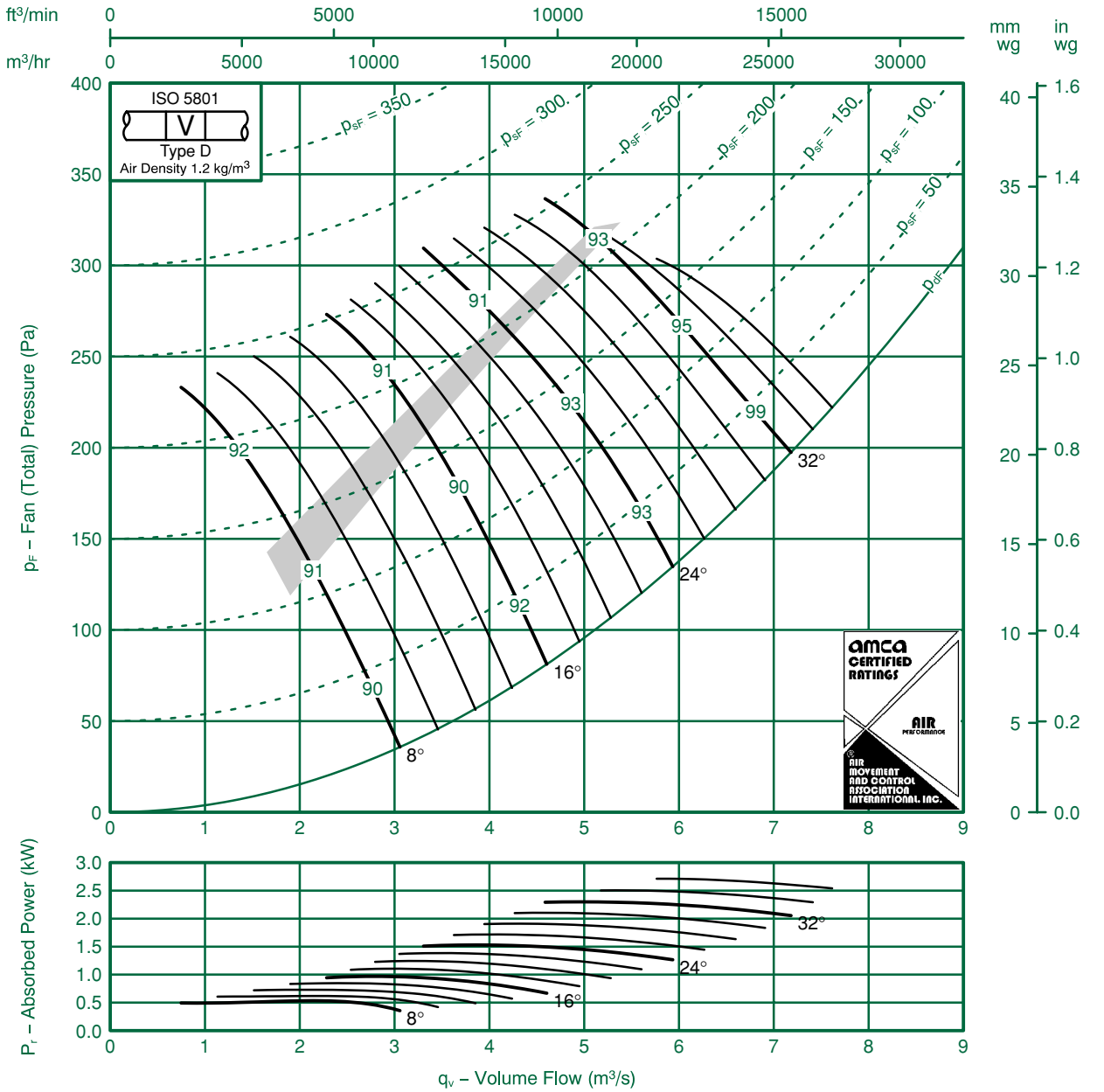

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Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—8 —3	—13 —1	—6 —8	—3 —8	—9 —9	—12 —10	—19 —15	—23 —20
16	—5 —1	—1 —8	—6 —9	—6 —14	—1 —16	—12 —15	—17 —18	—21 —22
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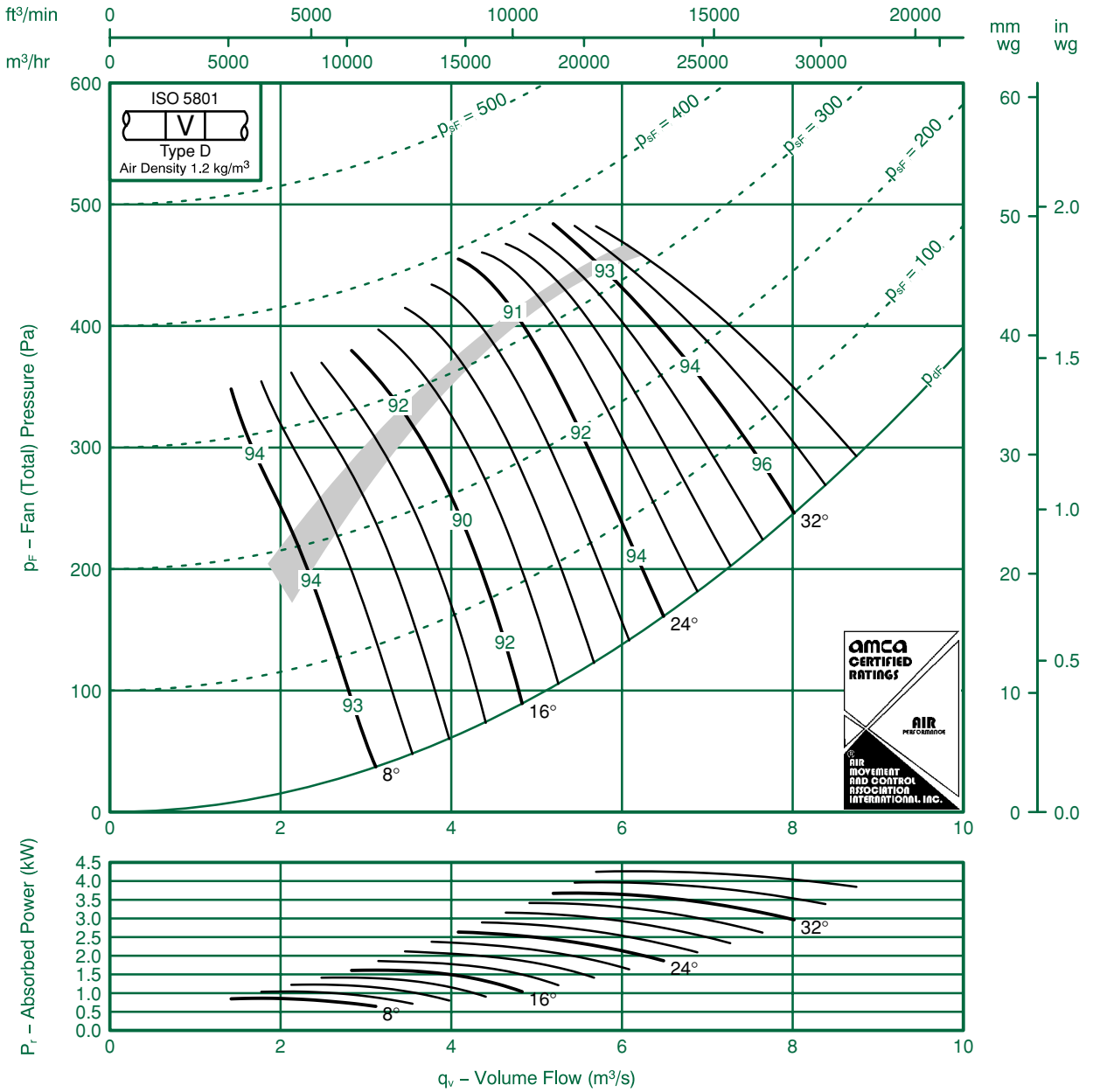

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16	—16 —1	—1 —6	—6 —6	—5 —8	—9 —10	—1 —1	—19 —15	—25 —20	16	—15 —1	—10 —5	—6 —6	—4 —7	—9 —10	—1 —10	—18 —14	—23 —18
24 —36	—10 —8	—6 —5	—7 —7	—8 —10	—12 —13	—12 —14	—16 —19	—20 —23	24 —36	—8 —7	—5 —4	—7 —6	—7 —9	—1 —13	—12 —14	—15 —17	—19 —21

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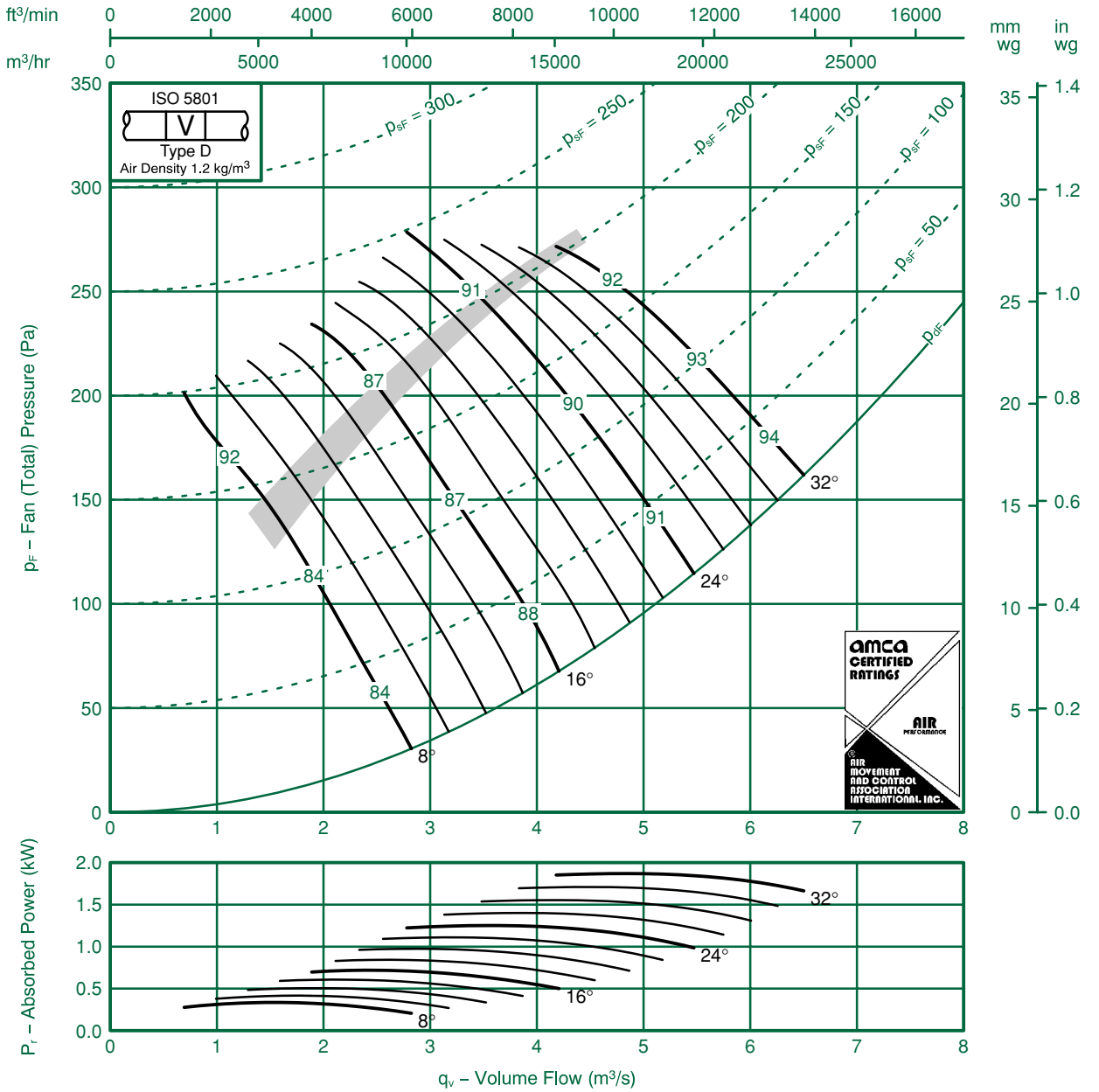

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16	—6 —3	—8 —7	—7 —9	—8 **—1**	**—1** —14	—15 —17	—18 —18	—21 —24	16	—3 —1	—6 —6	—7 —9	—8 **—1**	—10 —14	—14 —16	—17 —17	—20 —22
24 —32	—4 —4	—6 —7	—9 —10	**—1** —12	—13 —13	—16 —16	—19 —19	—22 —22	24 —32	—2 0	—5 —5	—8 —10	—10 **—1**	—12 —13	—15 —15	—17 —18	—19 —20

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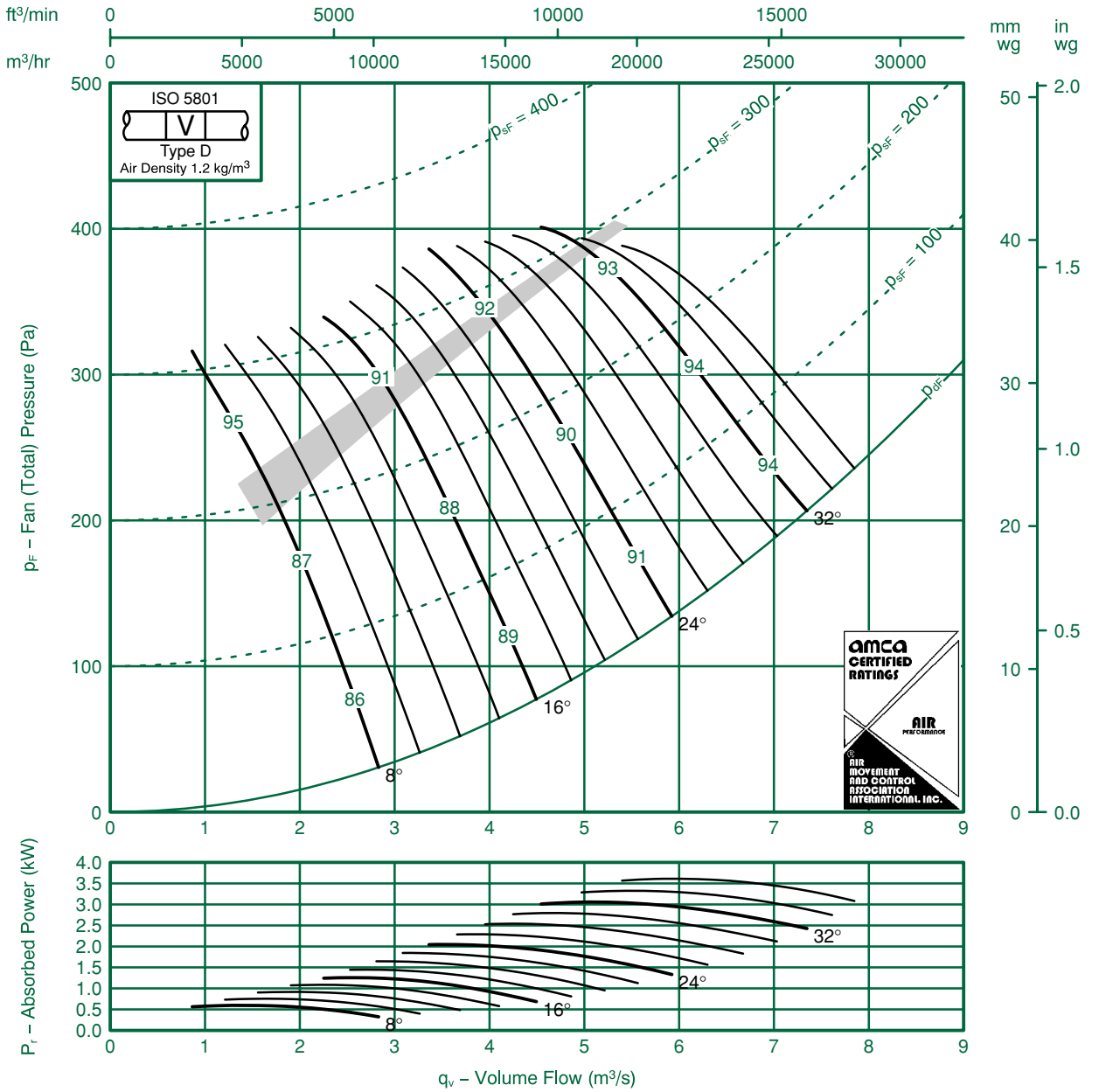

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—13 —8	—14 —1	—10 —10	—5 —8	—6 —8	—13 —9	—19 —12	—27 —20	8	—1 —7	—1 —9	—8 —8	—4 —8	—5 —7	—12 —8	—18 —10	—25 —18
16	—8 —5	—1 —8	—7 —7	—8 —1	—8 —12	—12 —14	—17 —16	—23 —22	16	—6 —3	—9 —7	—6 —5	—8 —10	—7 —1	—10 —13	—16 —16	—21 —21
24 —36	—5 —4	—8 —7	—8 —8	—9 —10	—10 —12	—14 —15	—18 —19	—21 —23	24 —32	—3 —2	—7 —5	—7 —7	—8 —10	—10 —12	—13 —15	—16 —18	—19 —22

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 71JM/25/4/9/...
710 mm 1440 rev/min 9 Blades 50 Hz

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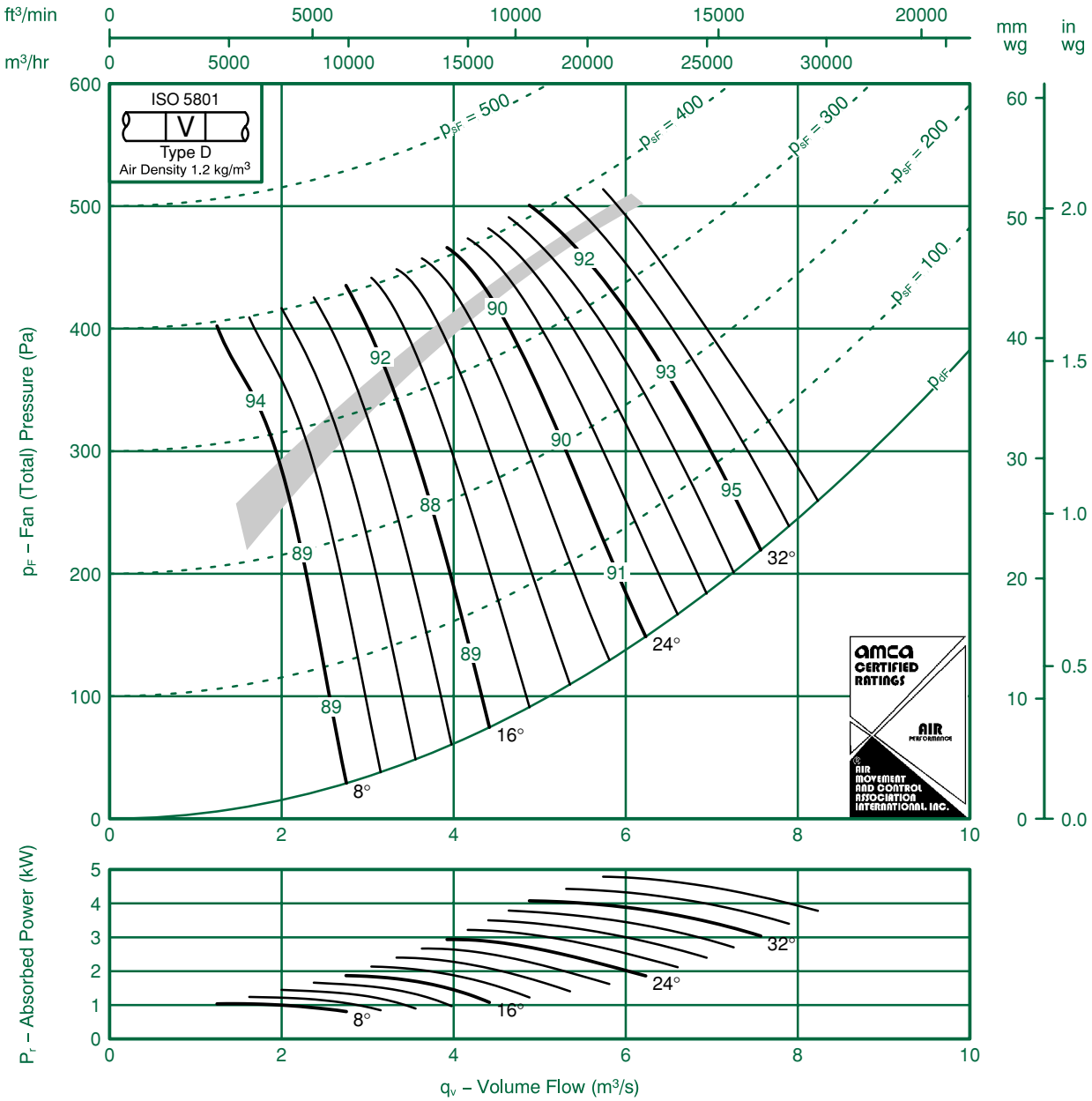

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—12 —12	—1 —1	—10 —8	—6 —7	—5 —7	—1 —8	—18 —1	—27 —21	8	—9 —10	—9 —10	—7 —6	—6 —7	—4 —7	—10 —7	—17 —9	—25 —19
16	—10 —8	—1 —10	—7 —6	—5 —7	—8 —9	—12 —12	—17 —14	—24 —22	16	—9 —6	—10 —9	—6 —4	—5 —7	—7 —9	—1 —1	—17 —13	—23 —21
24 —36	—6 —5	—10 —9	—7 —7	—8 —8	—10 —1	—13 —14	—17 —18	—20 —23	24 —36	—4 —3	—9 —8	—6 —5	—7 —8	—9 —1	—12 —14	—15 —17	—18 —21

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 71JM/31/2/9/...
710 mm 2910 rev/min 9 Blades 50 Hz

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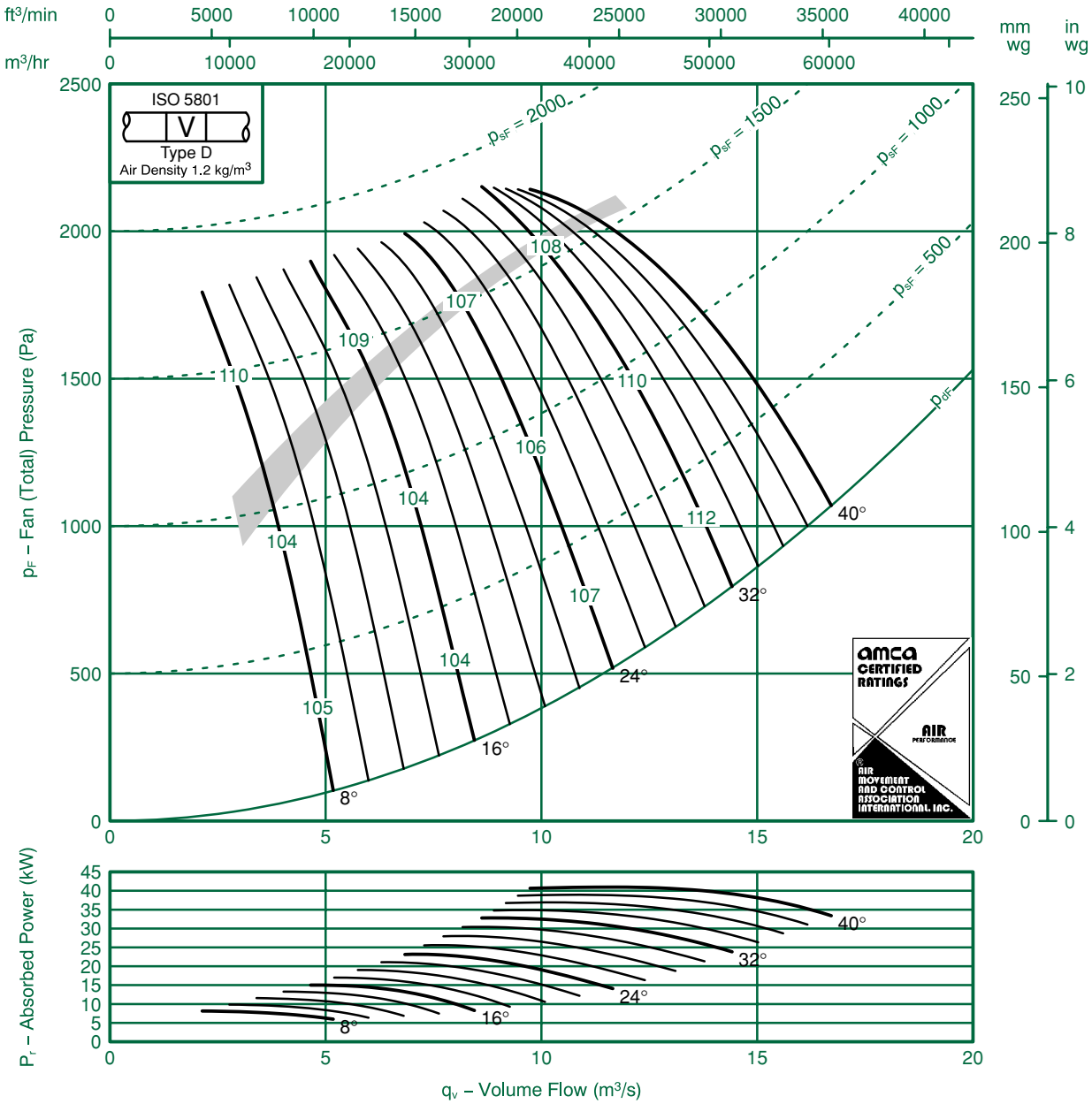

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—13 —13	—12 —12	—1 —1	—10 —9	—6 —7	—5 —7	—12 —8	—19 —1	8	—1 —1	—1 —1	—10 —10	—7 —7	—6 —7	—4 —6	—1 —7	—17 —9
16	—1 —8	—1 —9	—12 —1	—8 —7	—6 —8	—8 —10	—13 —13	—19 —15	16	—9 —7	—10 —8	—1 —10	—6 —5	—5 —8	—7 —10	—12 —12	—17 —14
24 —40	—6 —6	—7 —7	—12 —1	—8 —8	—9 —9	—12 —13	—15 —16	—18 —19	24 —40	—4 —4	—6 —6	—1 —10	—7 —6	—8 —9	—10 —12	—13 —14	—16 —18

SK11752

04/03/99

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 80JM/20/8/3/...
800 mm 695 rev/min 3 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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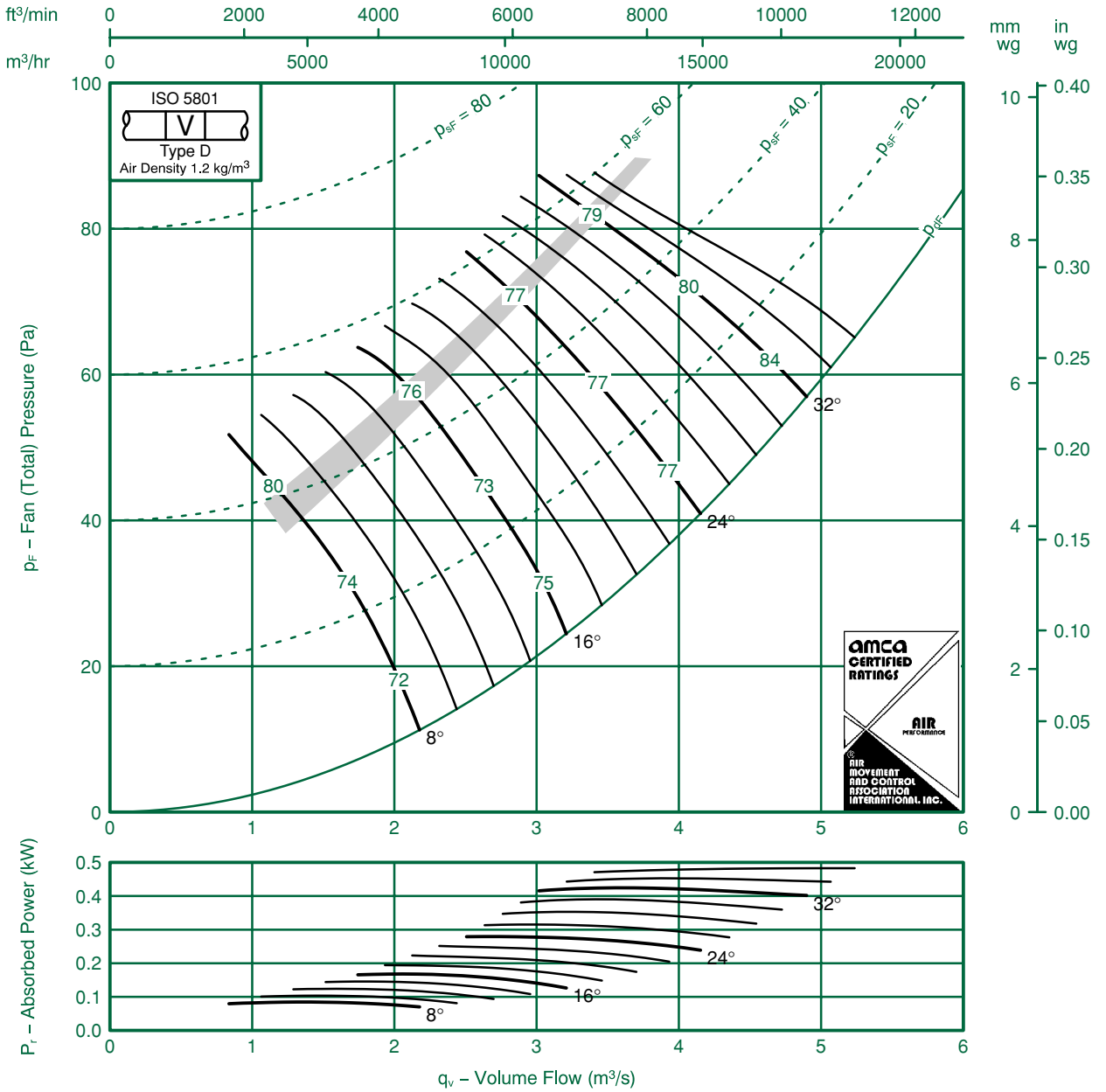

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—17 **—1**	—8 —8	—3 —6	—7 —6	—10 —8	—18 —14	—23 —19	—32 —27	8	—15 —9	—8 —8	—3 —6	—7 —6	—10 —8	—17 —13	—22 —18	—29 —26
16	—9 —5	—7 —5	—5 —9	—9 **—1**	—9 **—1**	—12 —13	—15 —16	—22 —22	16	—8 —5	—7 —5	—5 —9	—9 **—1**	—9 **—1**	—12 —13	—14 —15	—19 —20
24 —36	—7 —5	—7 —6	—9 —9	—8 —10	—6 —9	**—1** —13	—15 —17	—23 —25	24 —36	—6 —4	—7 —6	—9 —9	—8 —10	—6 —9	**—1** —13	—14 —16	—22 —22

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 80JM/20/8/6/...
800 mm 695 rev/min 6 Blades 50 Hz

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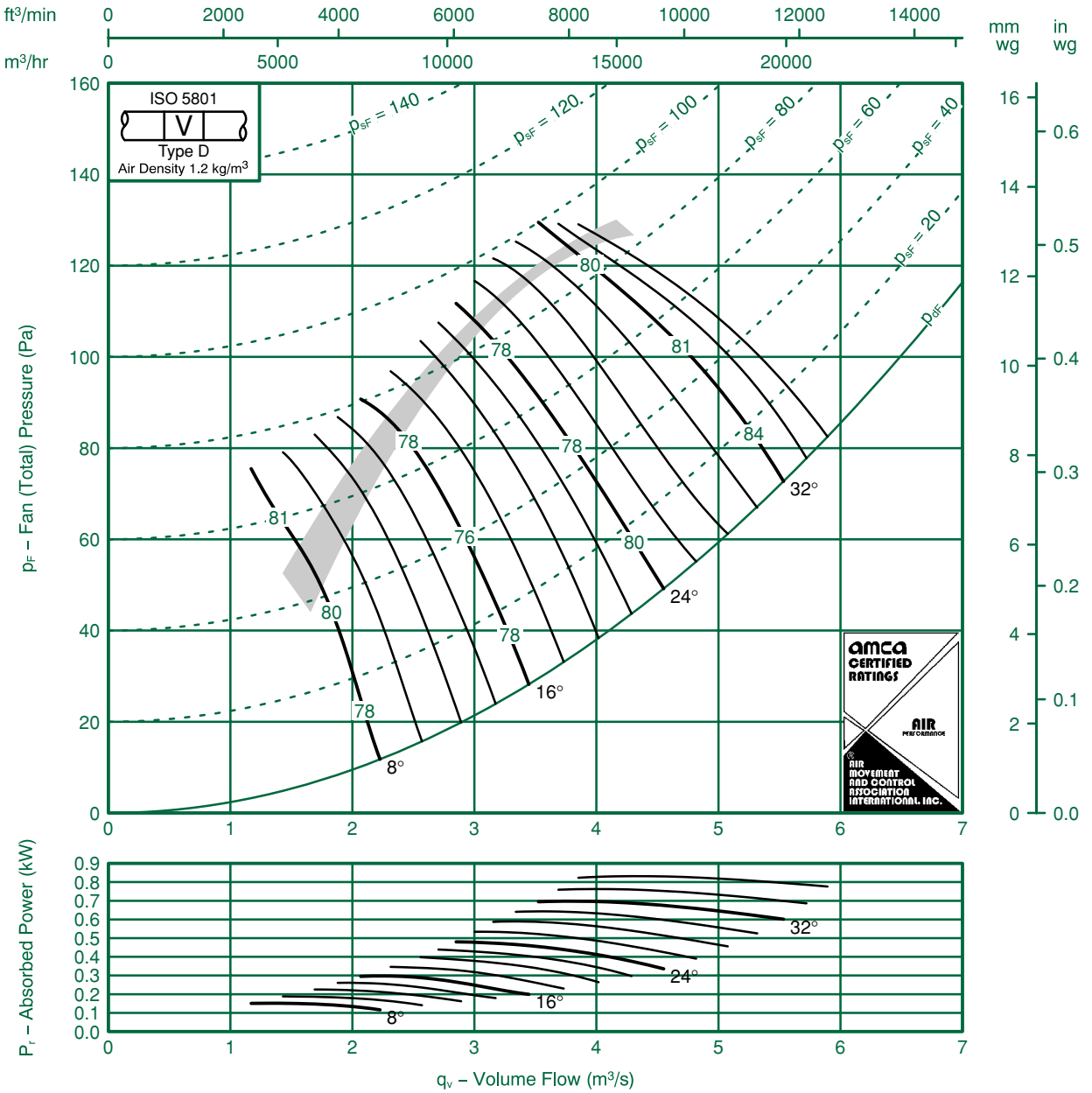

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Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—13 —14	—7 —10	—4 —6	—6 —5	—9 —6	—18 —15	—24 —21	—32 —29	8	—12 —13	—7 —10	—4 —6	—6 —5	—9 —6	—18 —14	—23 —20	—30 —28
16	—14 —7	—6 —6	—3 —7	—8 —9	—1 —9	—19 —13	—24 —18	—33 —24	16	—13 —7	—6 —6	—3 —7	—8 —9	—1 —9	—19 —13	—23 —17	—31 —23
24 —36	—8 —5	—7 —6	—6 —7	—9 —1	—8 —1	—12 —15	—16 —18	—23 —25	24 —36	—7 —4	—7 —6	—6 —7	—9 —1	—8 —1	—12 —14	—16 —17	—22 —23

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 80JM/25/8/3/...
800 mm 695 rev/min 3 Blades 50 Hz

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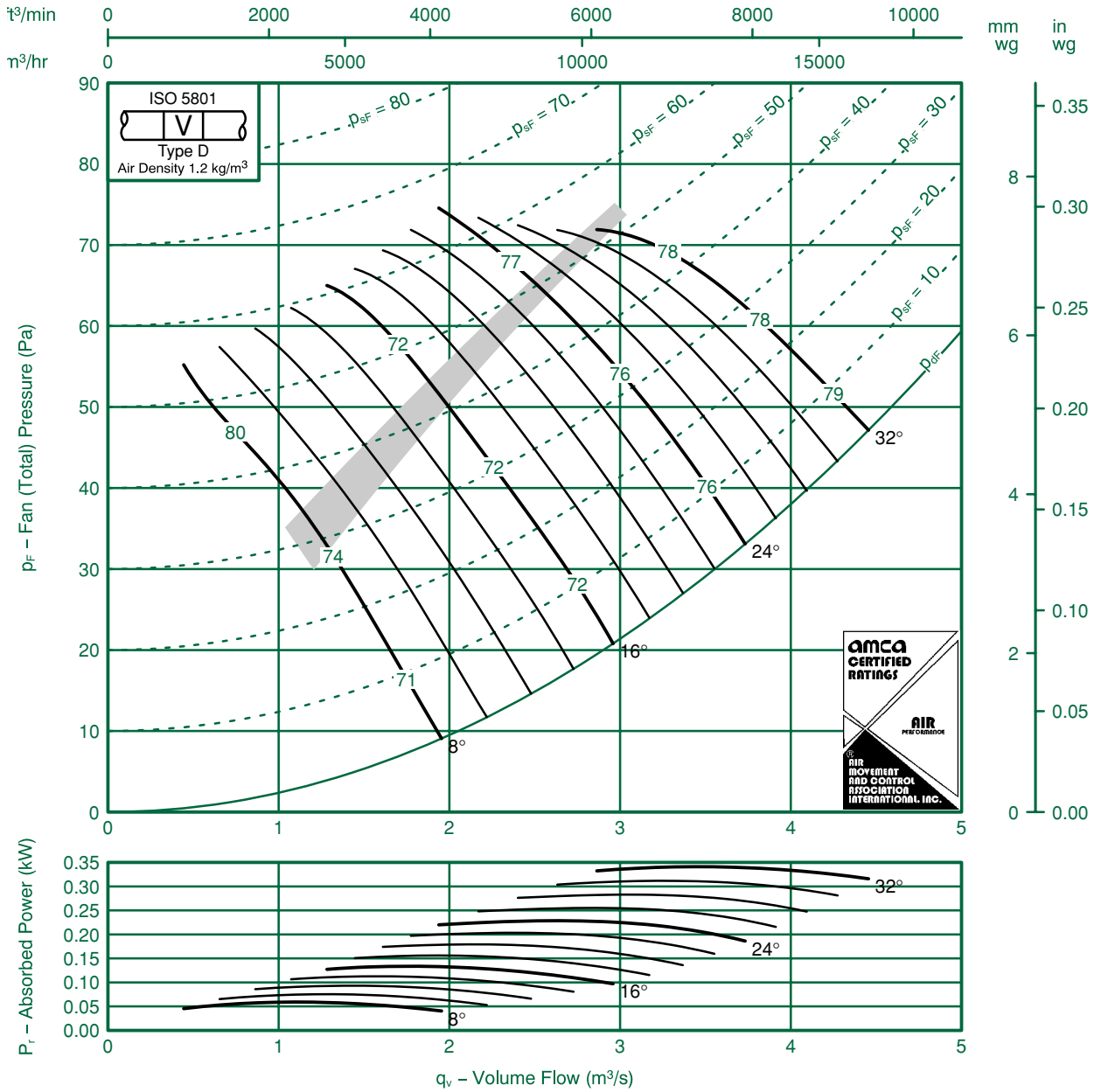

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	63	125	250	500	1k	2k	4k	8k
8	—15 —8	—10 —8	—3 —6	—5 —6	—13 —10	—18 —1	—24 —16	—34 —23
16	—6 —5	—7 —7	—7 —7	—7 —9	—1 —12	—13 —14	—16 —17	—22 —23
24 —32	—5 —5	—7 —8	—8 —7	—8 —7	—12 —10	—15 —13	—19 —17	—24 —22

Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)							
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8	—13 —7	—10 —8	—3 —6	—6 —7	—13 —1	—18 —10	—24 —15	—31 —21
16	—5 —4	—7 —7	—7 —7	—8 —9	—1 —13	—13 —13	—15 —16	—20 —21
24 —32	—4 —5	—7 —8	—8 —7	—9 —8	—12 —1	—15 —13	—17 —15	—23 —19

JM AEROFOIL

BS 5750 Pt 1
EN 29001
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Fan Code: 80JM/25/8/6/...
800 mm 695 rev/min 6 Blades 50 Hz

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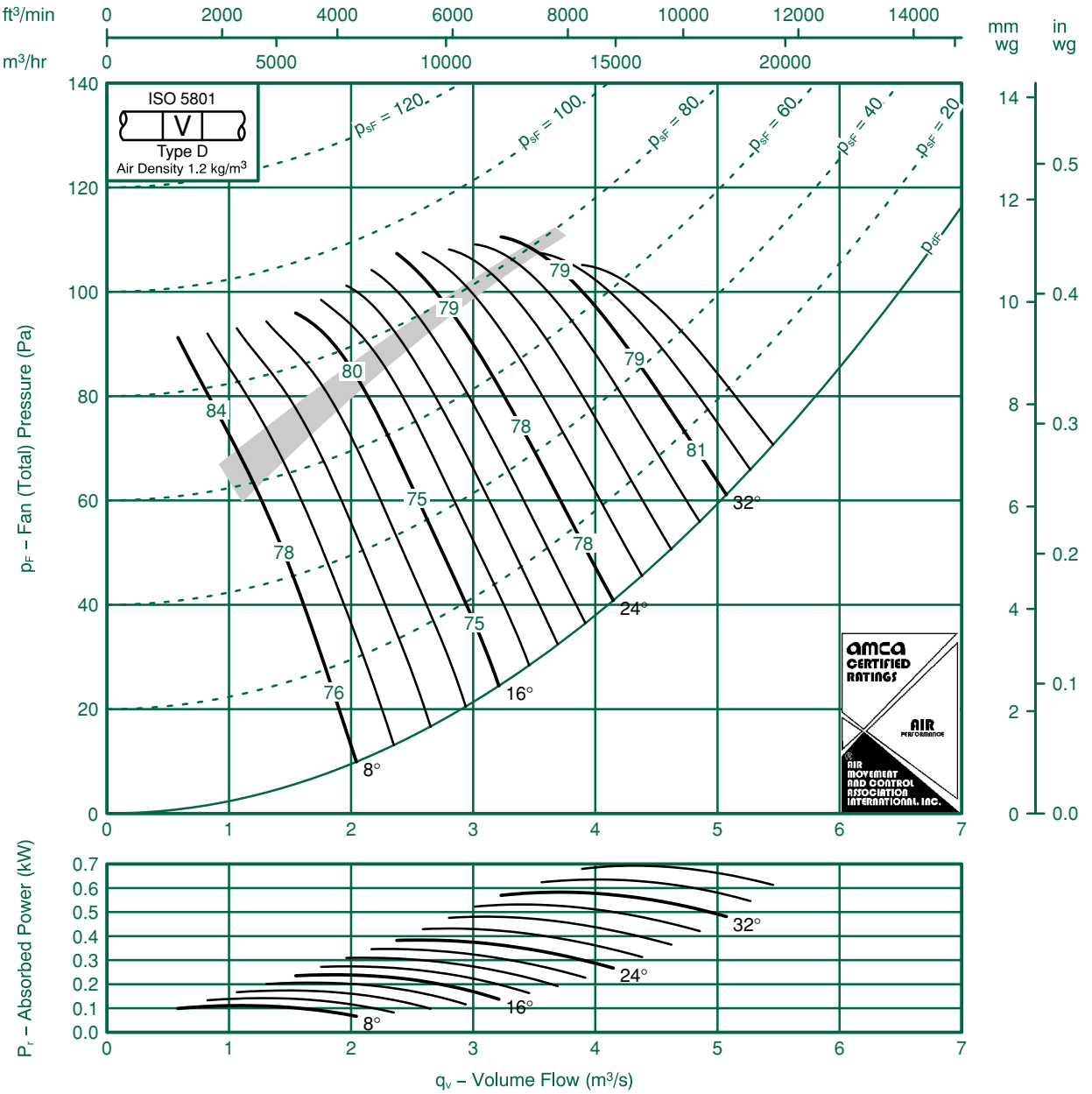

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8	—16 —14	—1 —1	—4 —7	—3 —4	—12 —7	—18 —12	—25 —18	—34 —27	8	—14 —14	—1 —1	—4 —7	—4 —5	—13 —8	—18 —1	—24 —18	—32 —26
16	—12 —8	—8 —4	—7 —8	—4 —8	—10 —1	—15 —14	—21 —18	—29 —24	16	—1 —8	—8 —4	—7 —8	—4 —9	—1 —1	—15 —13	—21 —17	—28 —23
24 —36	—7 —7	—7 —7	—7 —7	—6 —7	—1 —1	—14 —14	—17 —18	—23 —23	24 —36	—7 —6	—7 —7	—7 —7	—7 —7	—1 —12	—14 —14	—17 —17	—22 —22

JM AEROFOIL

BS 5750 Pt 1
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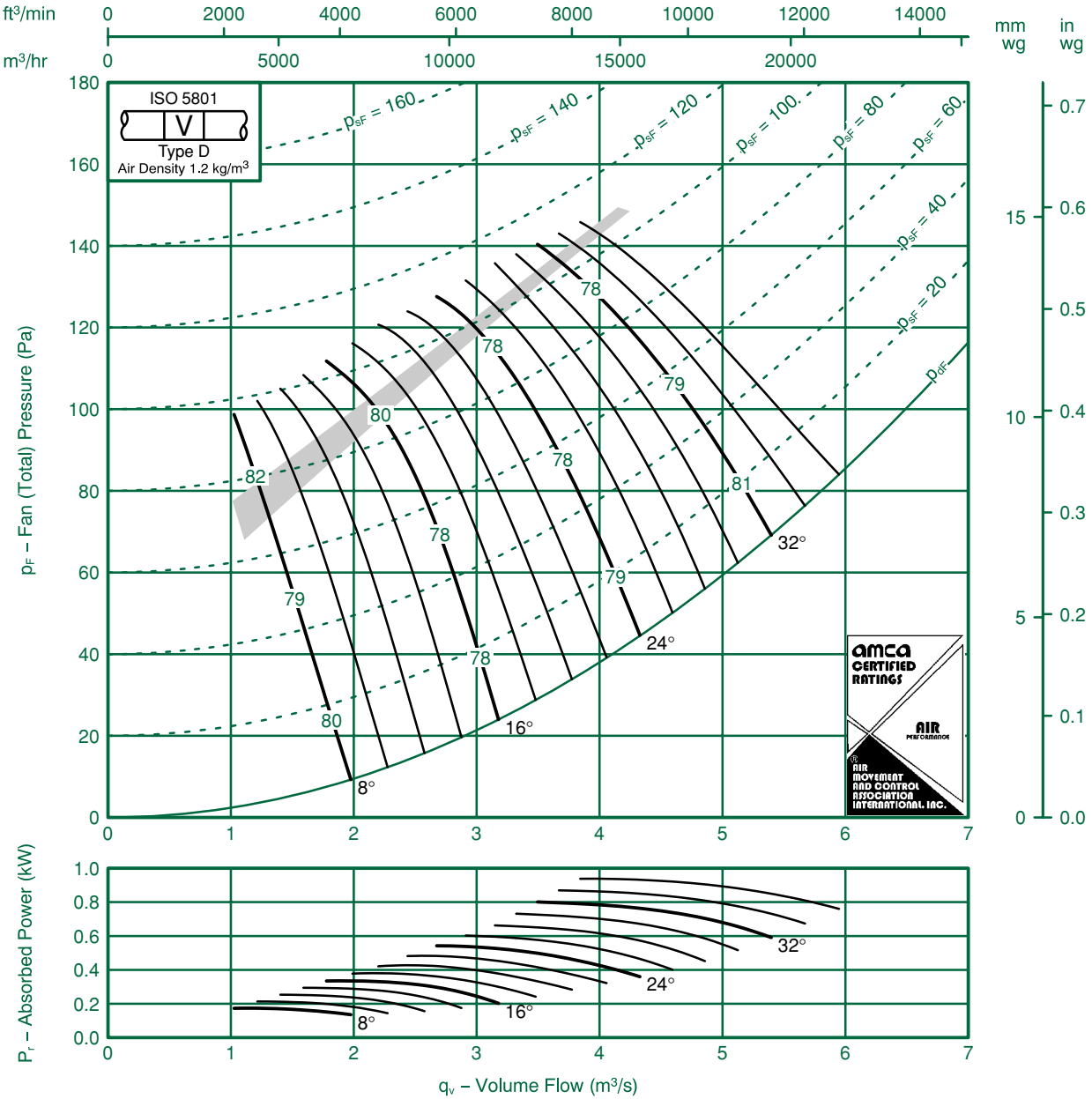

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8	—10 —10	—9 —8	—6 —7	—4 —6	—10 —8	—17 —10	—26 —20	—34 —27	8	—9 —10	—7 —7	—6 —7	—5 —8	—10 —8	—17 —8	—25 —19	—32 —26
16	—10 —1	—6 —6	—5 —5	—6 —7	—12 —1	—17 —14	—22 —19	—30 —26	16	—9 —10	—6 —6	—5 —5	—7 —8	—12 —1	—17 —14	—21 —19	—28 —25
24 —36	—1 —9	—8 —7	—6 —5	—5 —7	—10 —1	—13 —14	—17 —18	—22 —24	24 —36	—9 —9	—8 —6	—6 —5	—6 —7	—10 —12	—13 —14	—16 —17	—20 —22

JM AEROFOIL

BS 5750 Pt 1
EN 29001
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Fan Code: 80JM/20/6/3/...
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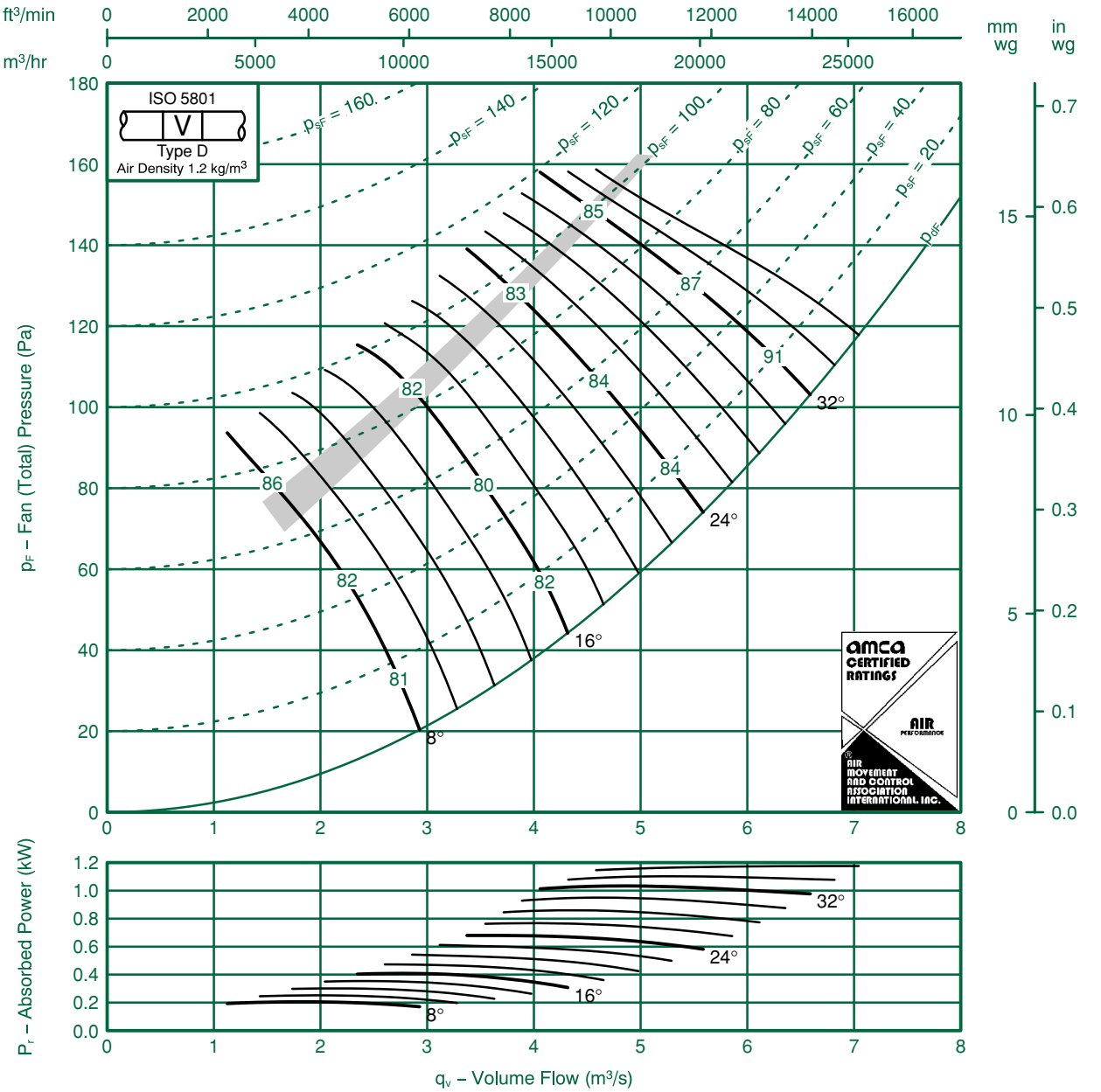

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Inlet Levels								
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8	—16 —9	—10 —9	—3 —7	—7 —6	—9 —7	—17 —13	—22 —18	—29 —24
16	—8 —4	—8 —6	—6 —8	—8 —12	—9 **—1**	—12 —14	—14 —16	—20 —21
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Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—14 —8	—10 —9	—3 —7	—7 —6	—9 —7	—16 —12	—21 —17	—26 —23
16	—6 —3	—8 —6	—6 —8	—8 —12	—9 **—1**	—12 —14	—13 —15	—18 —19
24 —36	—5 —3	—8 —6	—10 —9	—9 **—1**	—6 —10	**—1** —13	—13 —15	—19 —21

JM AEROFOIL

BS 5750 Pt 1
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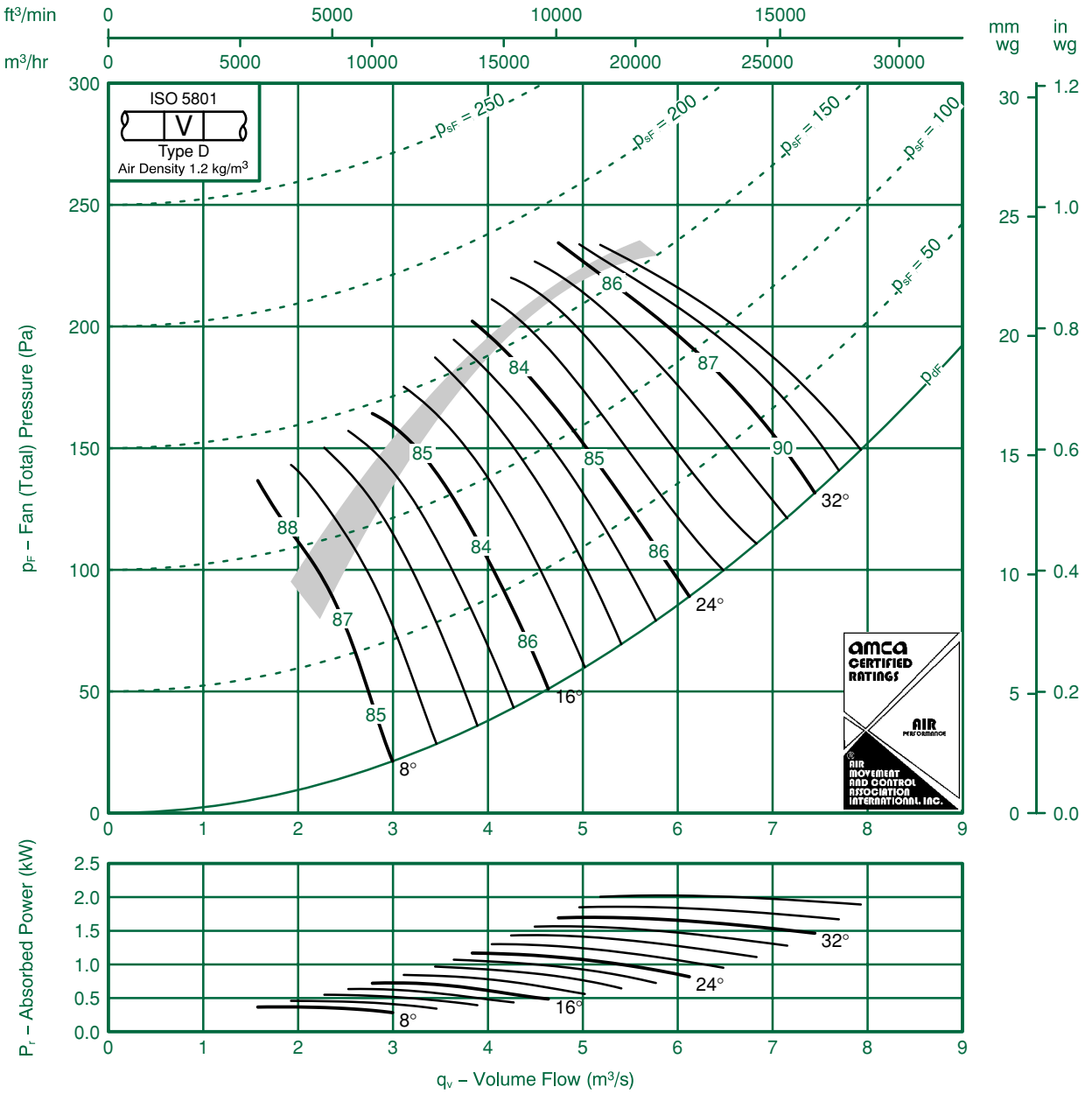

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8	—15 —16	—8 —10	—4 —7	—6 —5	—8 —5	—17 —14	—22 —19	—28 —26	8	—14 —16	—8 —10	—4 —7	—6 —5	—8 —5	—16 —13	—21 —19	—26 —24
16	—15 —9	—7 —6	—3 —6	—8 —9	—10 —8	—18 —13	—23 —16	—29 —22	16	—14 —9	—7 —5	—3 —6	—8 —9	—10 —8	—18 —13	—22 —16	—27 —20
24 —36	—9 —6	—6 —5	—6 —7	—9 —1	—8 —10	—12 —15	—15 —17	—21 —23	24 —36	—8 —6	—6 —4	—6 —7	—9 —1	—8 —10	—12 —14	—14 —16	—20 —21

JM AEROFOIL

BS 5750 Pt 1
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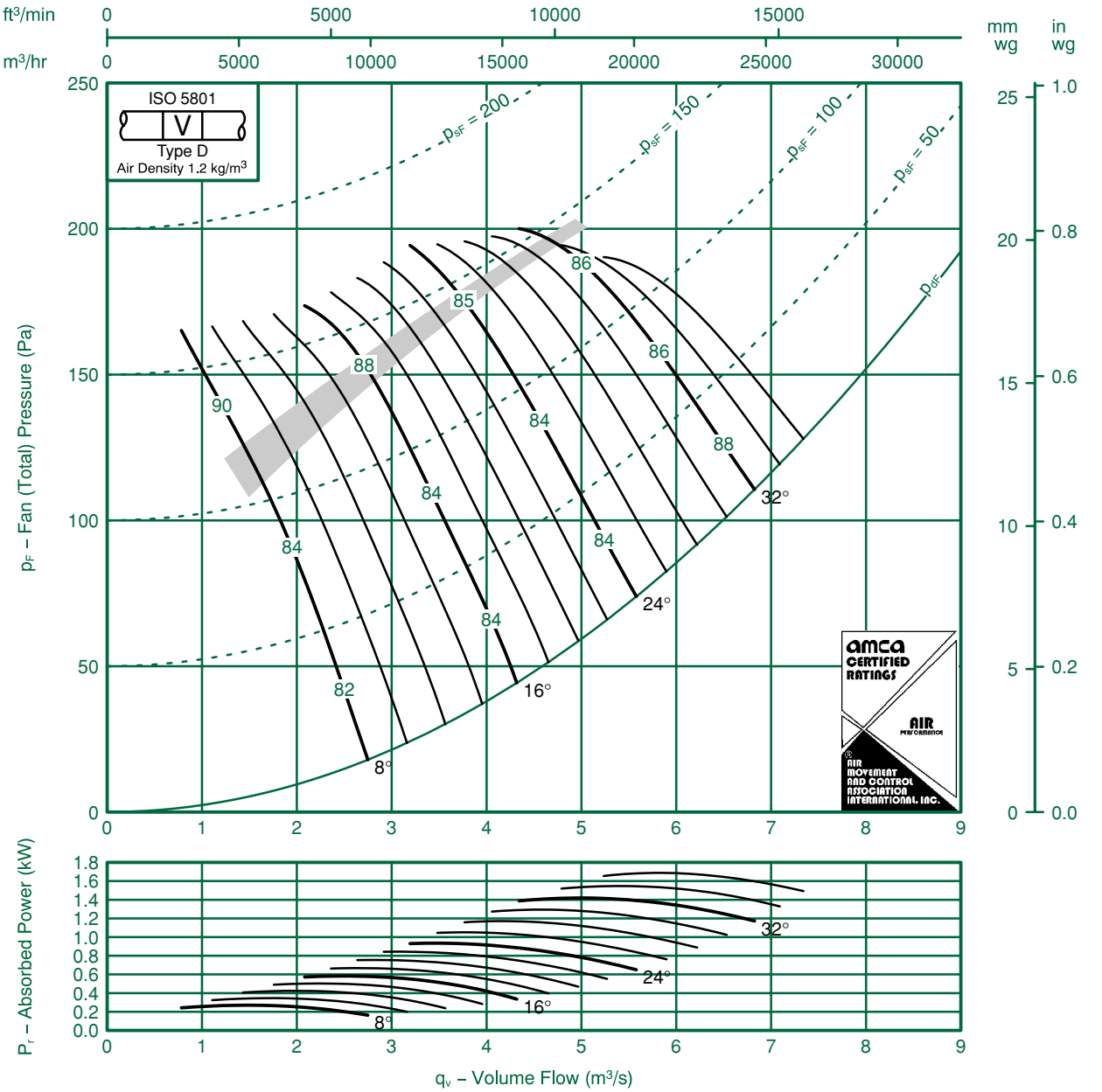

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16	—7 —4	—8 —5	—8 —9	—4 —1	—10 —13	—15 —15	—21 —19	—28 —25	16	—5 —4	—8 —5	—8 —9	—5 —1	—10 —13	—15 —15	—20 —18	—26 —23
24 —36	—6 —5	—7 —7	—7 —7	—7 —8	—10 —1	—14 —15	—17 —17	—22 —22	24 —36	—5 —4	—7 —7	—8 —7	—8 —9	—10 —12	—14 —15	—16 —16	—20 —21

JM AEROFOIL

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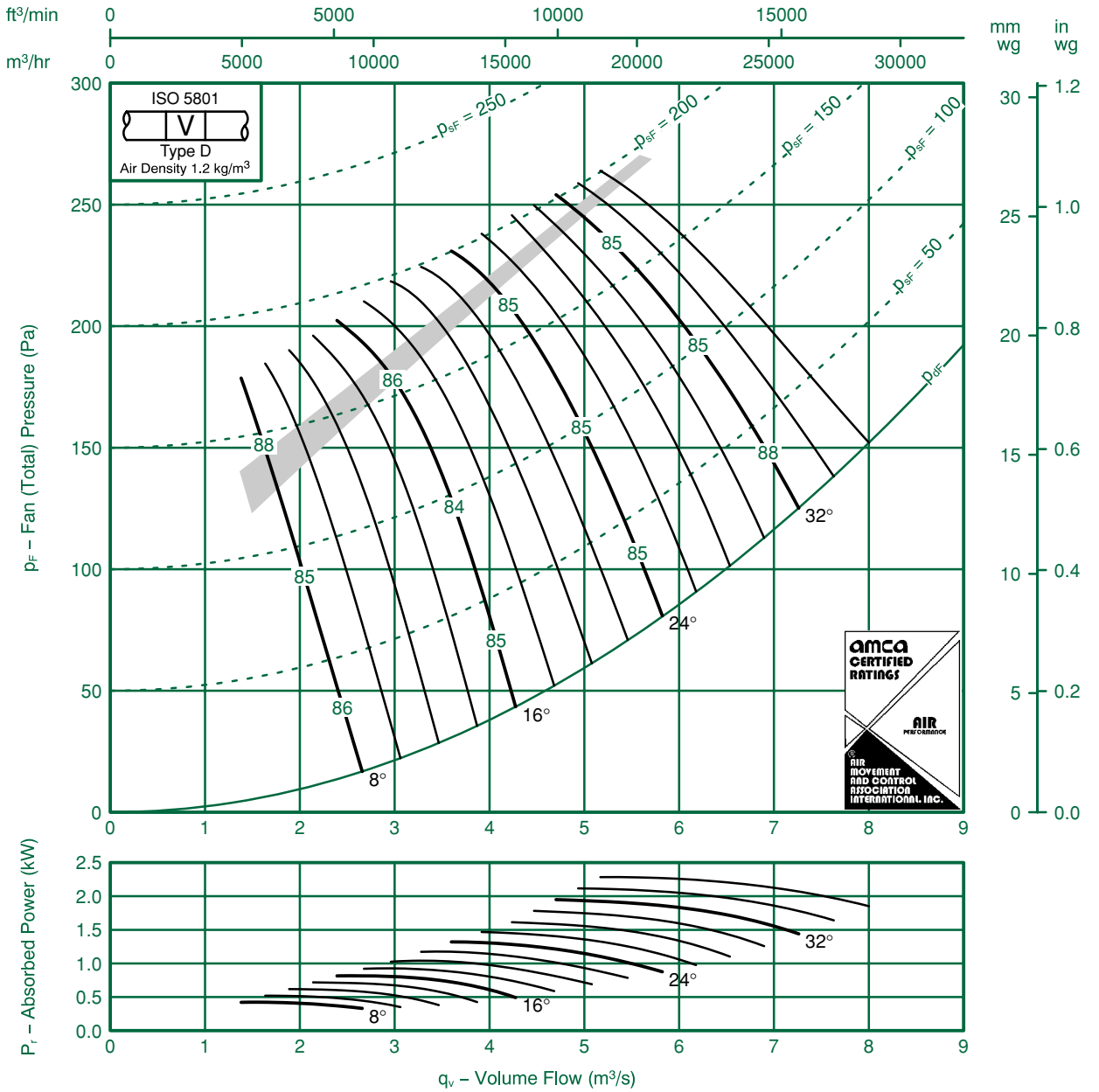

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8	—1 —10	—9 —8	—6 —8	—5 —6	—8 —8	—15 —8	—24 —18	—30 —24	8	—9 —10	—7 —7	—6 —8	—6 —8	—9 —8	—15 —7	—24 —17	—28 —23
16	—9 —10	—8 —7	—5 —5	—6 —8	—10 —9	—16 —13	—21 —18	—27 —24	16	—8 —9	—8 —6	—5 —5	—6 —9	—10 —9	—16 —13	—20 —17	—25 —23
24 —36	—10 —9	—9 —7	—6 —5	—6 —7	—10 —1	—13 —14	—16 —18	—20 —23	24 —36	—8 —8	—8 —6	—6 —5	—7 —8	—10 —1	—13 —14	—15 —17	—19 —21

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EN 29001
ISO 9001

Fan Code: 80JM/20/4/3/...
800 mm 1440 rev/min 3 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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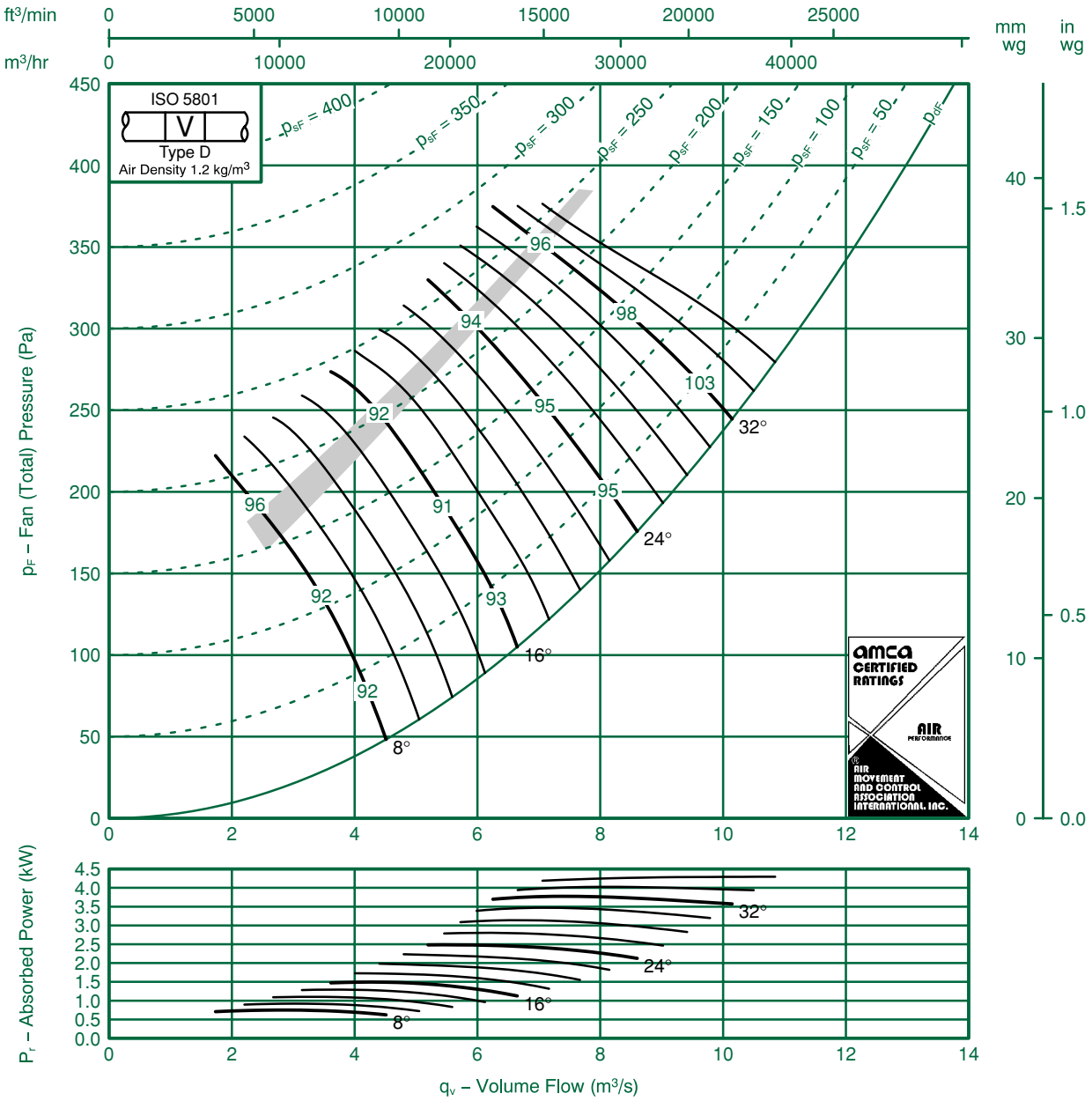

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—16 —8	—17 —12	—8 —9	—3 —7	—8 —7	—1 —8	—19 —15	—24 —20	8	—13 —7	—16 —12	—8 —9	—3 —6	—8 —7	—10 —7	—17 —14	—21 —18
16	—7 —4	—10 —8	—8 —7	—6 —1	—10 —13	—10 —13	—13 —15	—17 —19	16	—6 —3	—10 —7	—8 —7	—6 —1	—10 —13	—10 —12	—12 —14	—14 —16
24 —36	—6 —4	—9 —8	—9 —8	—10 —1	—9 —12	—8 —1	—13 —16	—17 —20	24 —36	—5 —3	—8 —7	—9 —8	—10 —1	—9 —12	—7 —1	—1 —14	—15 —17

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 80JM/20/4/6/...
800 mm 1440 rev/min 6 Blades 50 Hz

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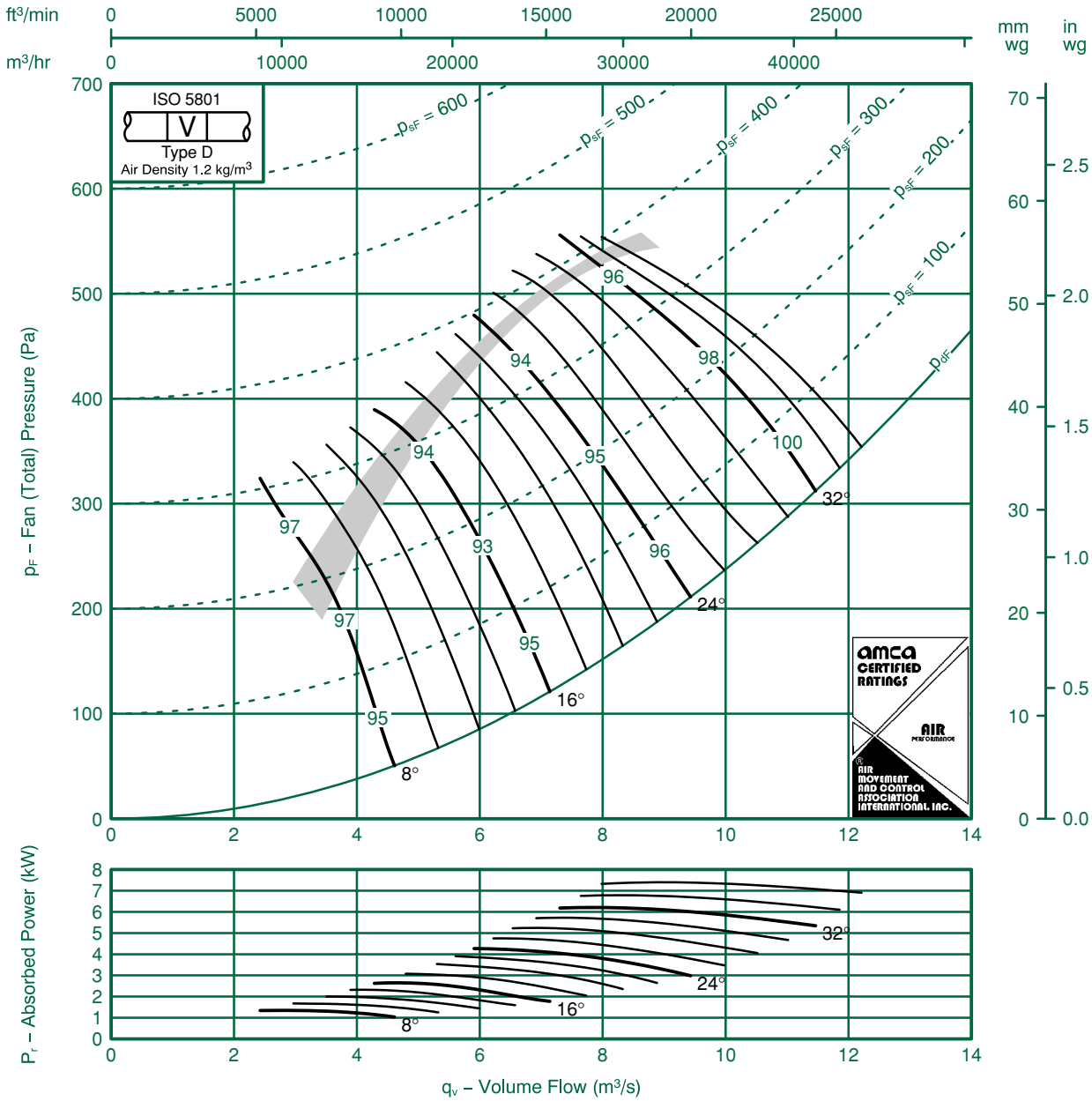

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—21 —21	—14 —14	—8 —10	—5 —6	—7 —5	—10 —7	—19 —16	—24 —21	8	—19 —21	—12 —13	—7 —10	—4 —6	—7 —5	—10 —5	—18 —15	—22 —19
16	—19 —12	—14 —7	—6 —6	—4 —7	—9 —9	—12 —9	—20 —14	—25 —18	16	—18 —1	—14 —7	—6 —6	—3 —7	—9 —9	—1 —9	—18 —13	—23 —17
24 —36	—12 —9	—8 —6	—8 —6	—6 —8	—10 —12	—9 —1	—13 —15	—17 —19	24 —36	—1 —9	—8 —5	—7 —6	—6 —8	—9 —12	—9 —1	—12 —14	—16 —17

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 80JM/25/4/3/...
800 mm 1440 rev/min 3 Blades 50 Hz

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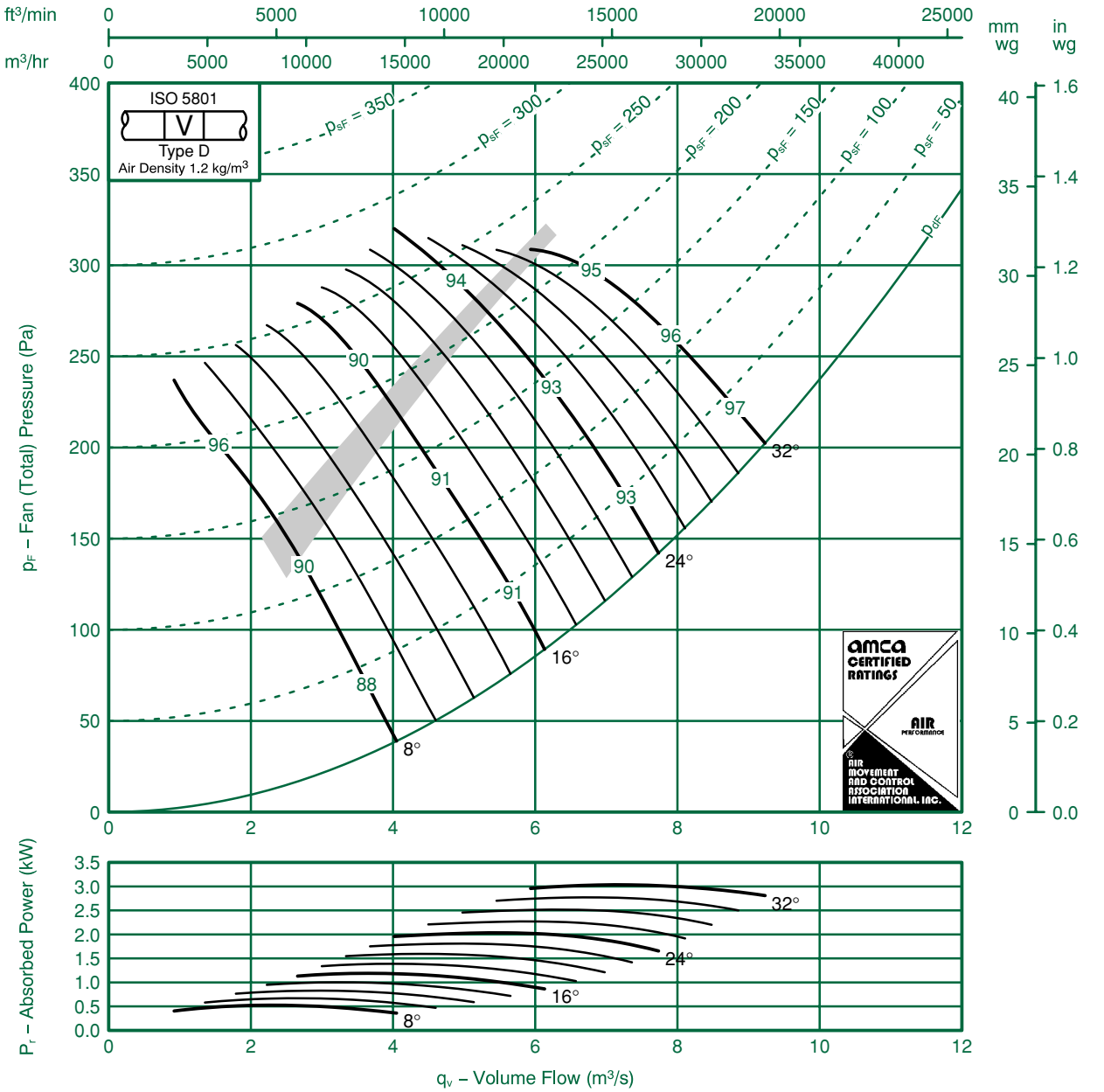

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—1 —4	—16 —1	—1 —10	—4 —8	—5 —8	—14 —12	—19 —14	—25 —18	8	—8 —3	—15 —10	—10 —10	—5 —9	—6 —8	—13 —1	—18 —13	—23 —16
16	—4 —2	—9 —9	—9 —1	—9 —1	—10 —12	—13 —16	—16 —17	—18 —21	16	—4 —1	—9 —9	—9 —1	—9 —1	—10 —12	—12 —15	—14 —16	—16 —19
24 —32	—5 —4	—7 —8	—9 —10	—9 —9	—10 —9	—14 —13	—17 —16	—21 —19	24 —32	—4 —3	—6 —7	—9 —10	—10 —10	—10 —10	—13 —12	—16 —14	—19 —16

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 80JM/25/4/6/...
800 mm 1440 rev/min 6 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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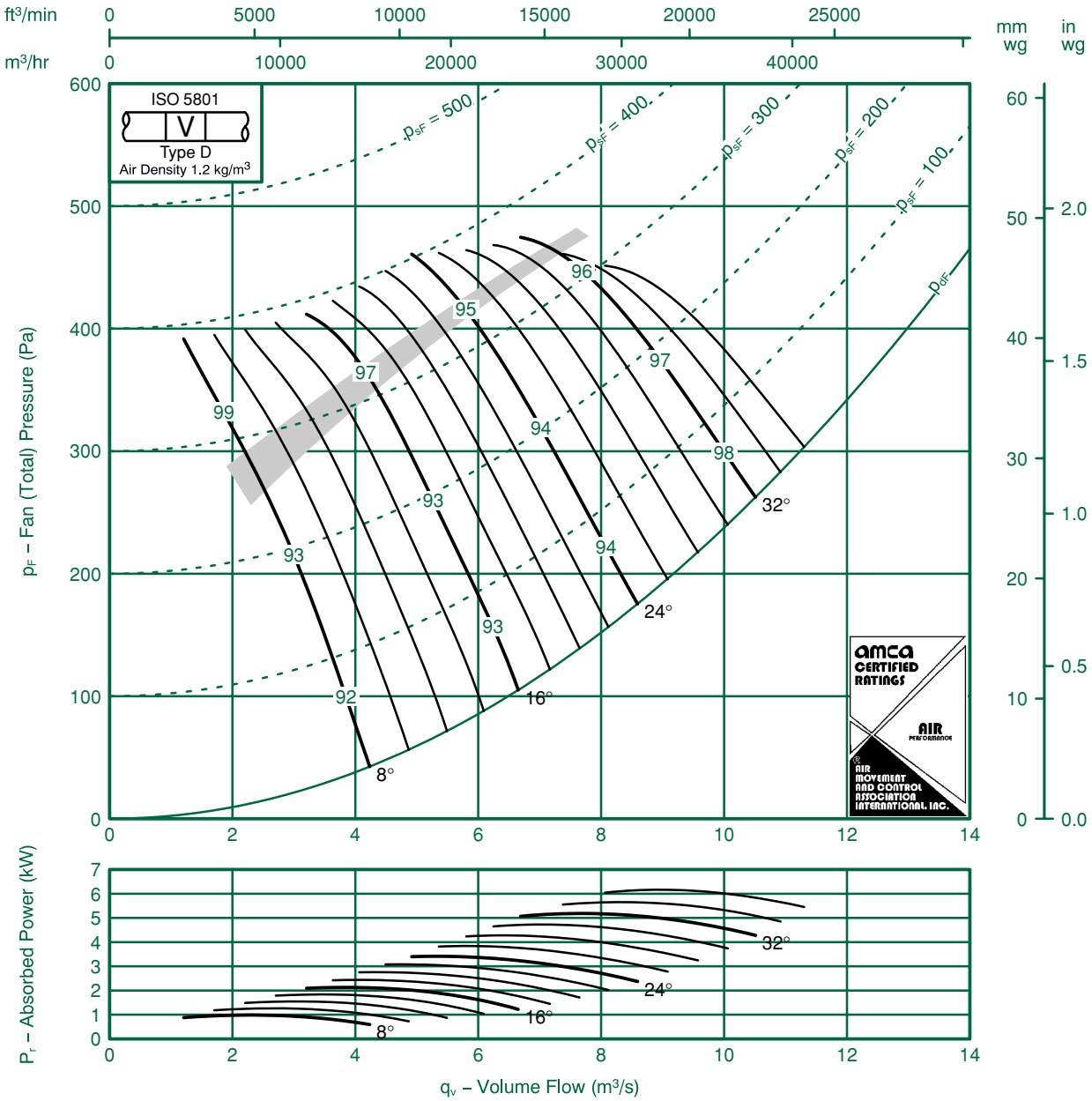

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—15 —10	—17 —15	—1 —12	—4 —7	—4 —4	—13 —8	—19 —13	—26 —19	8	—14 —10	—15 —14	—1 —12	—5 —9	—4 —4	—12 —7	—18 —13	—23 —18
16	—8 —5	—14 —1	—8 —6	—7 —10	—5 —10	—12 —13	—17 —16	—23 —20	16	—7 —4	—14 —10	—8 —6	—8 —10	—5 —10	—12 —13	—16 —15	—21 —19
24 —36	—5 —5	—9 —9	—9 —9	—8 —8	—7 —9	—12 —13	—16 —16	—19 —20	24 —36	—4 —5	—9 —8	—9 —8	—9 —9	—8 —9	—12 —13	—15 —15	—18 —18

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 80JM/25/4/9/...
800 mm 1440 rev/min 9 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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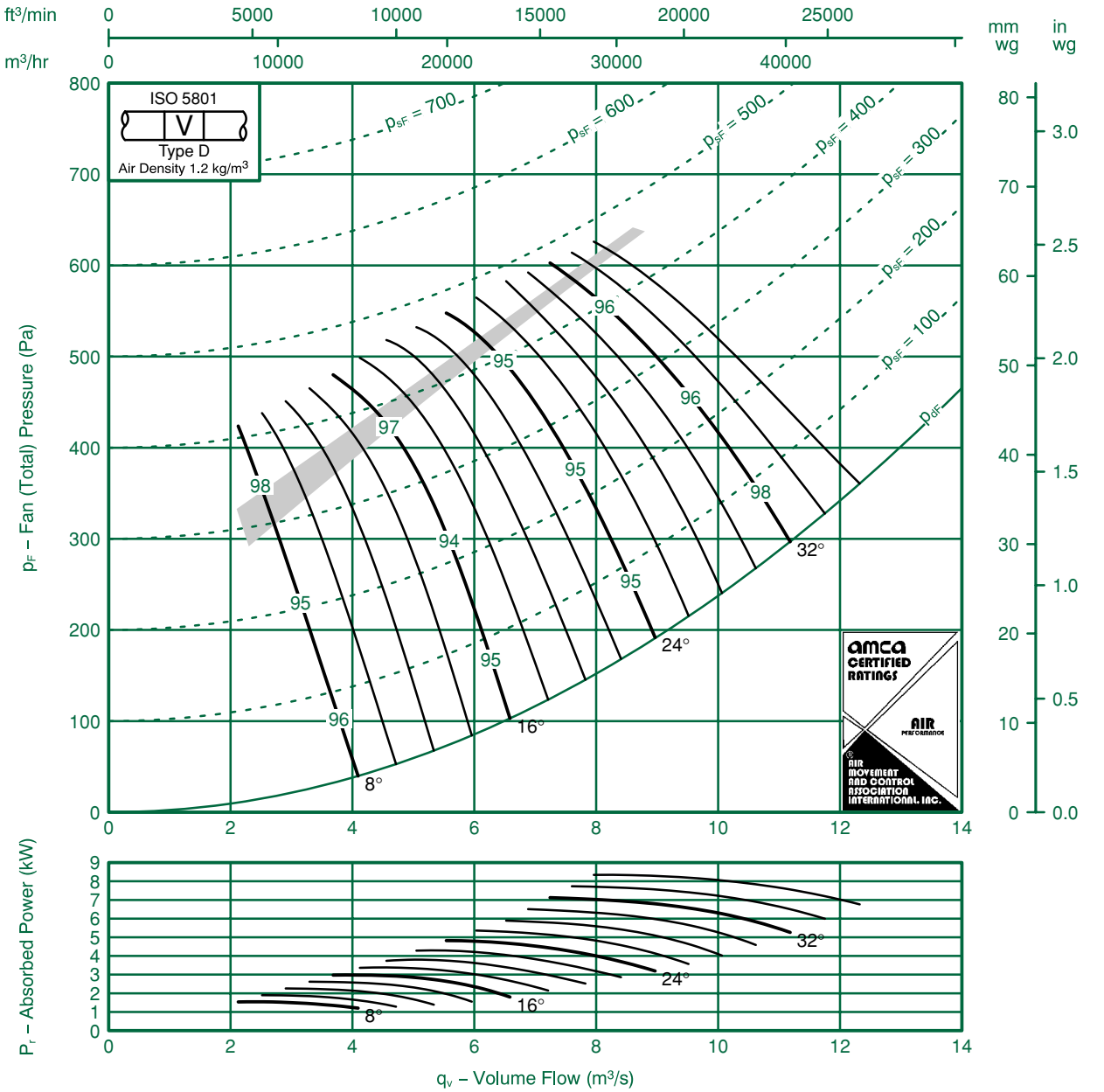

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—10 —10	—1 —1	—10 —9	—6 —7	—5 —7	—1 —8	—18 —1	—27 —21	8	—9 —10	—1 —1	—8 —8	—7 —8	—5 —7	—10 —7	—17 —10	—24 —19
16	—8 —7	—1 —12	—7 —7	—6 —6	—7 —8	—13 —12	—18 —15	—23 —21	16	—6 —7	—1 —12	—7 —7	—6 —6	—7 —8	—13 —12	—17 —15	—21 —19
24 —36	—5 —6	—13 —1	—10 —8	—7 —6	—7 —8	—12 —13	—15 —16	—19 —20	24 —36	—3 —5	—13 —1	—10 —8	—8 —6	—7 —8	—12 —13	—14 —15	—18 —18

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 80JM/31/2/9/...
800 mm 2910 rev/min 9 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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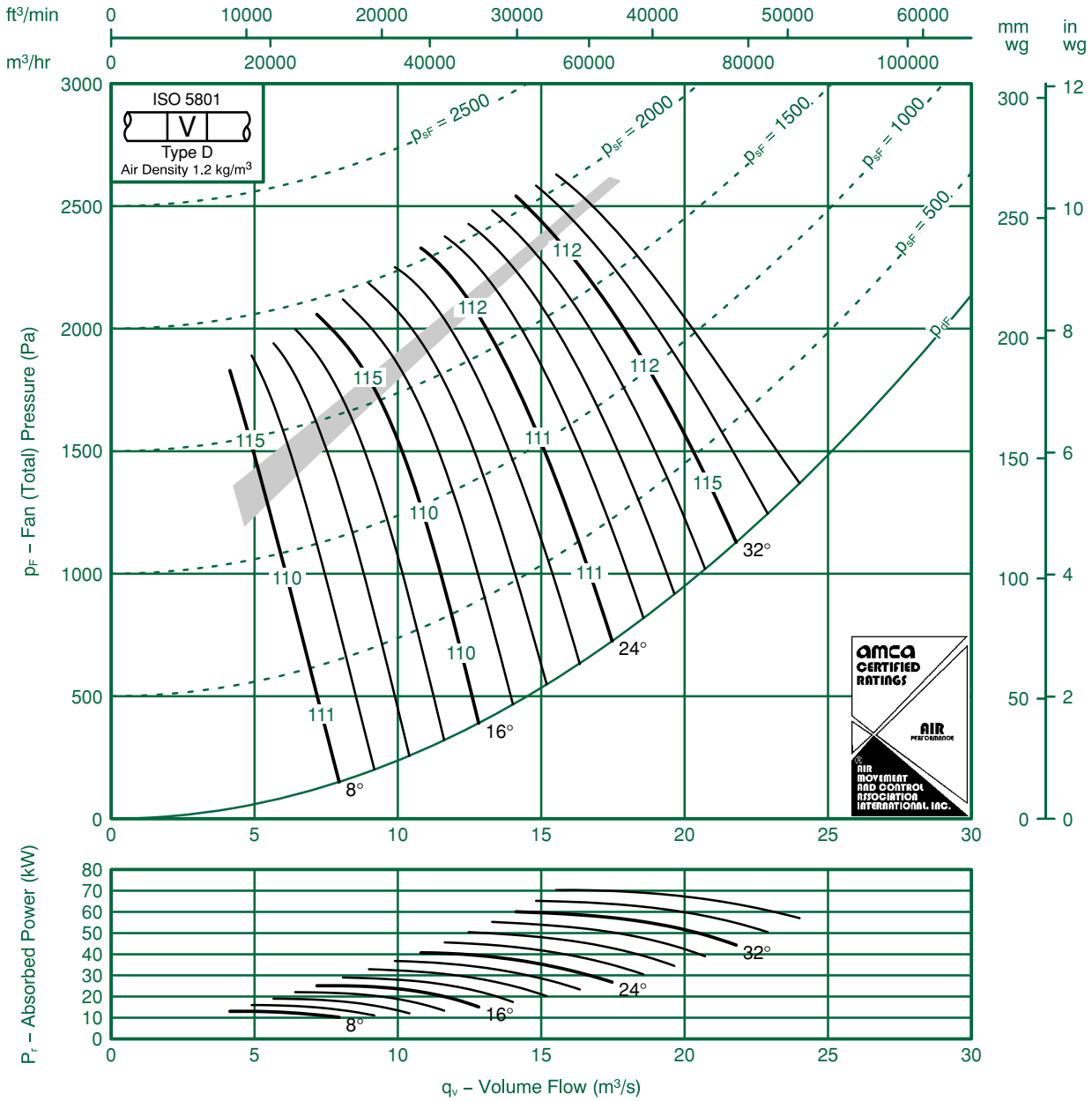

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—10 —1	—10 —10	—12 —12	—10 —10	—6 —7	—5 —7	—12 —9	—19 —12	8	—9 —1	—10 —10	—1 —1	—8 —9	—6 —7	—5 —6	—1 —8	—17 —10
16	—7 —7	—8 —8	—12 —13	—7 —8	—7 —7	—8 —9	—14 —13	—19 —17	16	—6 —7	—8 —8	—12 —13	—7 —8	—7 —7	—8 —9	—14 —13	—17 —15
24 —36	—5 —7	—6 —7	—15 —13	—12 —9	—9 —7	—9 —9	—14 —14	—17 —17	24 —36	—4 —6	—6 —7	—15 —12	—12 —8	—9 —7	—9 —9	—13 —13	—16 —15

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 90JM/25/8/3/...
900 mm 695 rev/min 3 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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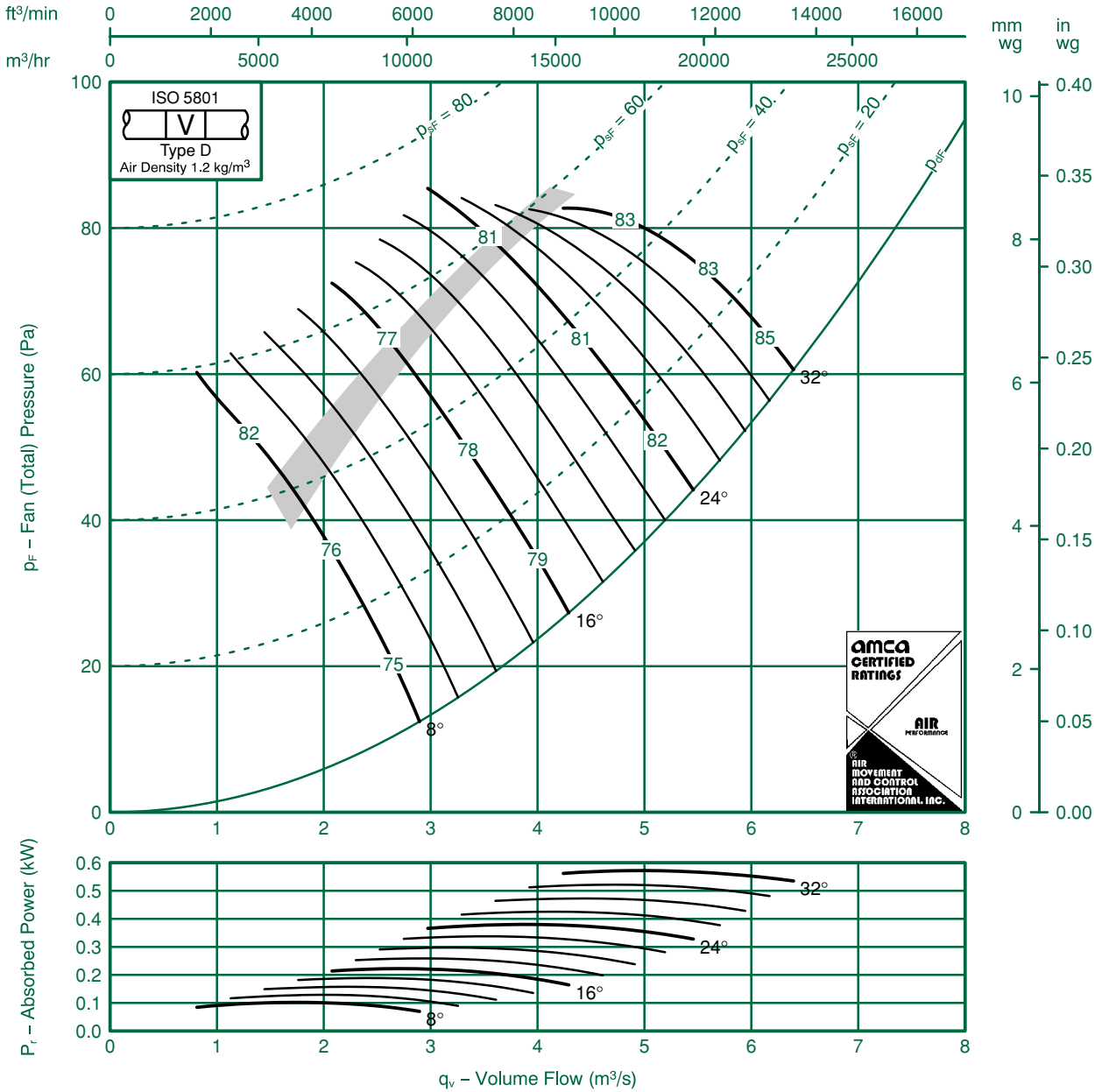

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Inlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—14 —7	—12 —9	—5 —7	—4 —7	—10 —9	—15 —1	—21 —16	—29 —22
16	—6 —4	—8 —7	—7 —8	—7 —9	—10 —1	—12 —13	—15 —17	—20 —22
24 —32	—5 —5	—7 —8	—7 —8	—9 —8	—1 —10	—14 —13	—18 —16	—23 —21

Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—12 —6	—1 —9	—5 —7	—4 —7	—10 —9	—15 —10	—20 —15	—26 —20
16	—4 —3	—8 —7	—7 —8	—7 —9	—10 —1	—12 —13	—14 —16	—18 —20
24 —32	—4 —4	—7 —8	—7 —8	—9 —8	—1 —10	—14 —12	—17 —15	—21 —19

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 90JM/25/8/6/...
900 mm 695 rev/min 6 Blades 50 Hz

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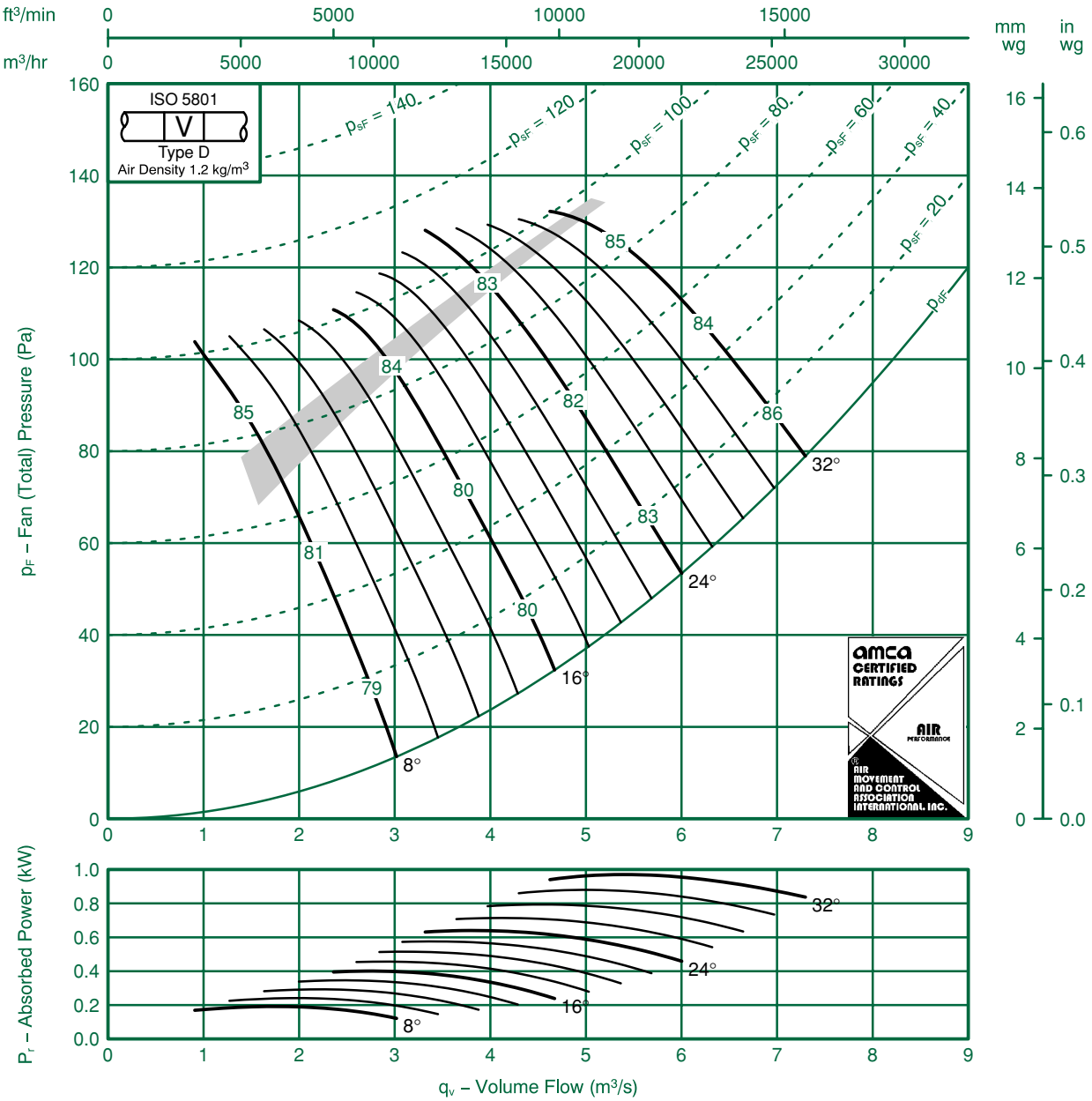

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	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—16 —12	—12 —10	—5 —9	—4 —5	—9 —6	—15 —10	—22 —16	—31 —24	8	—14 —1	—12 —10	—5 —9	—4 —5	—10 —6	—15 —9	—21 —16	—28 —22
16	—13 —7	—1 —6	—6 —8	—3 —7	—9 —9	—14 —12	—20 —17	—28 —23	16	—12 —7	—1 —6	—6 —8	—3 —7	—9 —9	—14 —12	—19 —16	—26 —21
24 —32	—8 —6	—7 —7	—7 —7	—6 —8	—10 —10	—13 —13	—17 —17	—22 —22	24 —32	—7 —5	—7 —7	—7 —7	—6 —8	—10 —10	—13 —13	—16 —16	—21 —20

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 90JM/25/8/9/...
900 mm 695 rev/min 9 Blades 50 Hz

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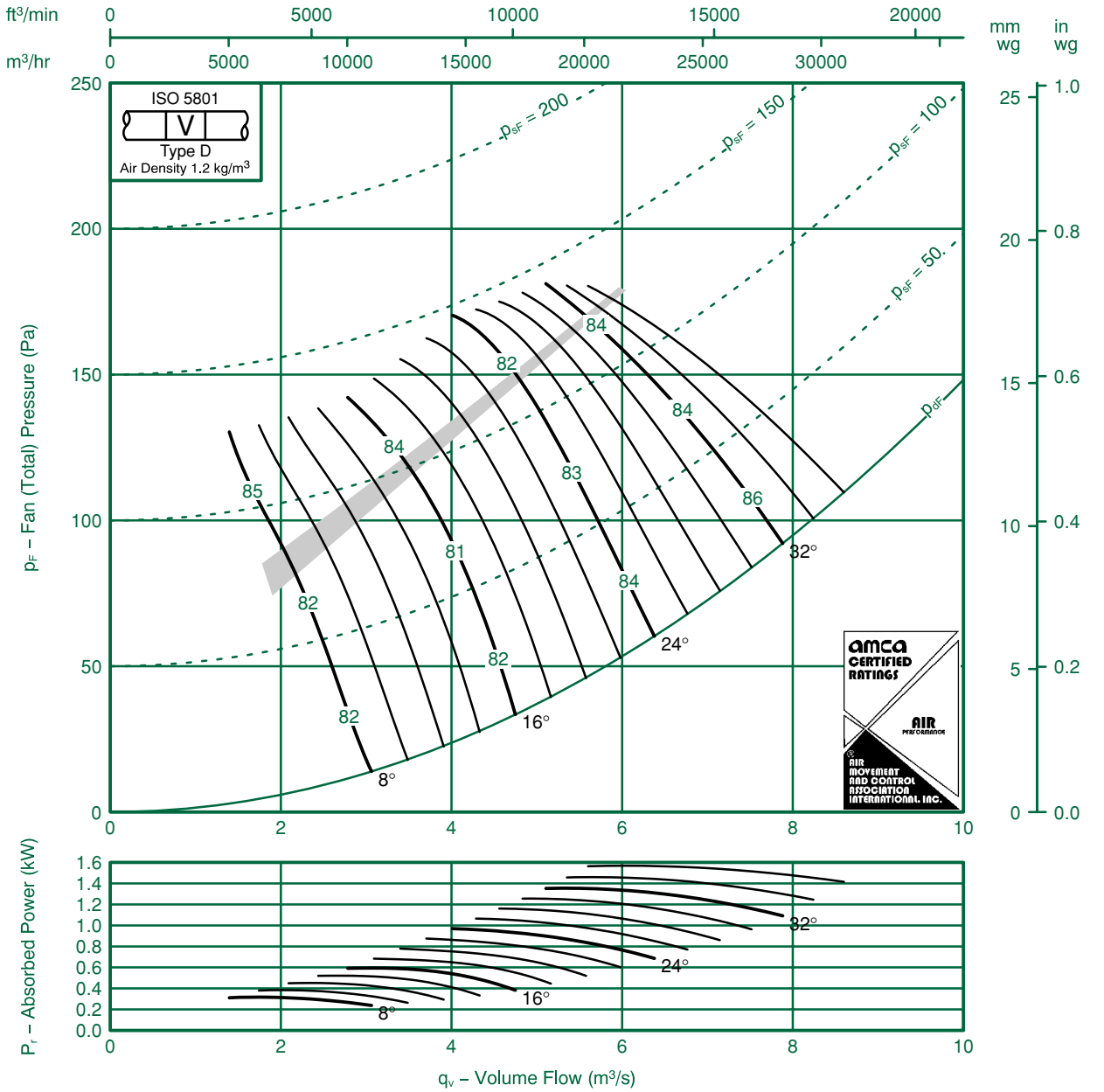

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Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—15 —14	—10 —8	—7 —8	—4 —6	—7 —6	—13 —9	—22 —17	—30 —24	8	—14 —14	—9 —7	—7 —8	—4 —6	—7 —6	—13 —8	—21 —16	—28 —22
16	—13 —10	—8 —6	—6 —6	—5 —6	—9 —9	—14 —12	—20 —18	—28 —24	16	—1 —10	—8 —6	—6 —6	—5 —6	—9 —9	—14 —12	—19 —17	—26 —22
24 —36	—9 —8	—7 —6	—7 —6	—6 —8	—9 —10	—12 —13	—16 —17	—21 —23	24 —36	—8 —7	—7 —6	—7 —6	—6 —8	—9 —10	—12 —13	—15 —16	—20 —21

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 90JM/25/6/3/...
900 mm 935 rev/min 3 Blades 50 Hz

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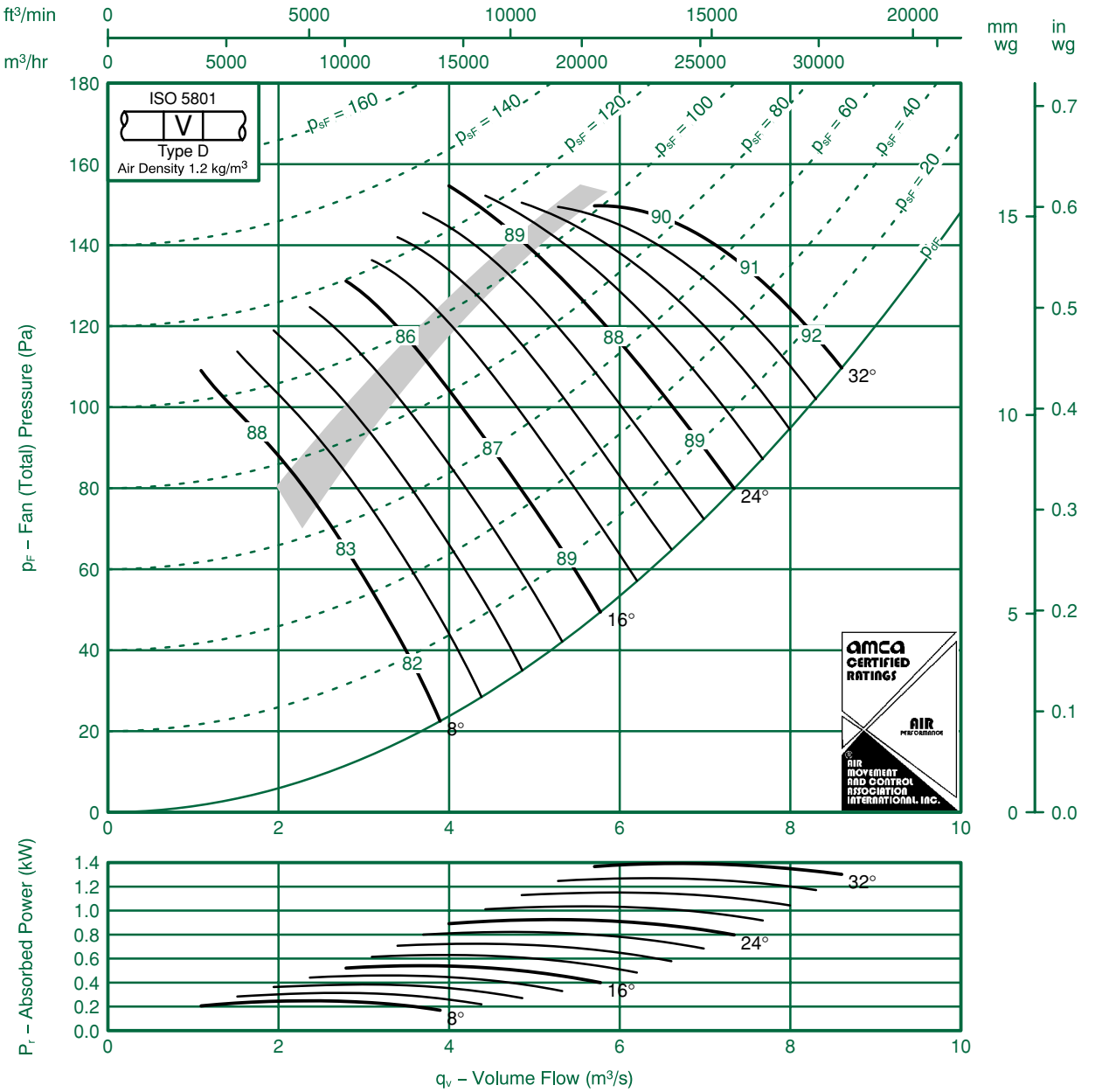

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Inlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—1 —4	—14 —10	—6 —8	—4 —8	—8 —9	—14 —12	—20 —15	—27 —21
16	—3 —2	—10 —10	—9 —10	—9 —12	—1 —13	—13 —16	—16 —18	—20 —23
24 —32	—4 —4	—7 —8	—8 —9	—10 —10	—1 —10	—14 —13	—18 —16	—22 —20

Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—8 —2	—13 —10	—6 —8	—4 —8	—8 —9	—14 —10	—19 —15	—24 —19
16	—1 —1	—10 —10	—9 —10	—9 —12	—1 —13	—13 —15	—15 —17	—18 —21
24 —32	—3 —2	—7 —8	—8 —9	—10 —10	—1 —10	—14 —13	—17 —15	—20 —18

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 90JM/25/6/6/...
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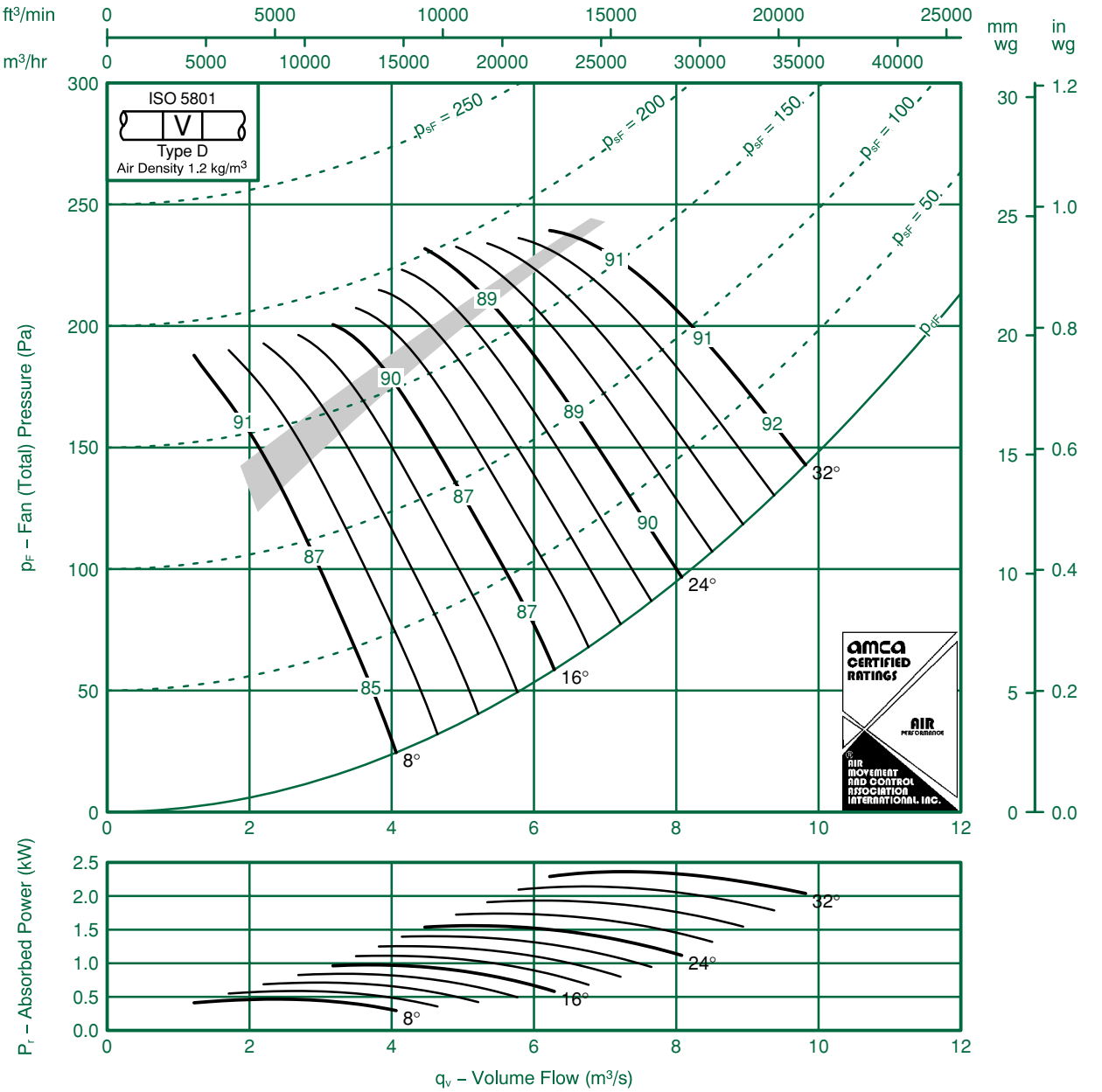

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16	—1 —5	—12 —7	—8 —8	—4 —8	—7 —9	—13 —12	—19 —16	—25 —22
—32	—7 —5	—8 —7	—7 —8	—7 —8	—9 —10	—13 —13	—16 —17	—21 —21

Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—14 —10	—13 —1	—6 —8	—3 —7	—8 —5	—14 —8	—20 —14	—25 —20
16	—9 —5	—12 —7	—8 —8	—4 —8	—7 —9	—13 —12	—18 —16	—24 —20
24 —32	—5 —4	—8 —7	—7 —8	—7 —8	—9 —10	—13 —13	—15 —16	—20 —19

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 90JM/25/6/9/...
900 mm 935 rev/min 9 Blades 50 Hz

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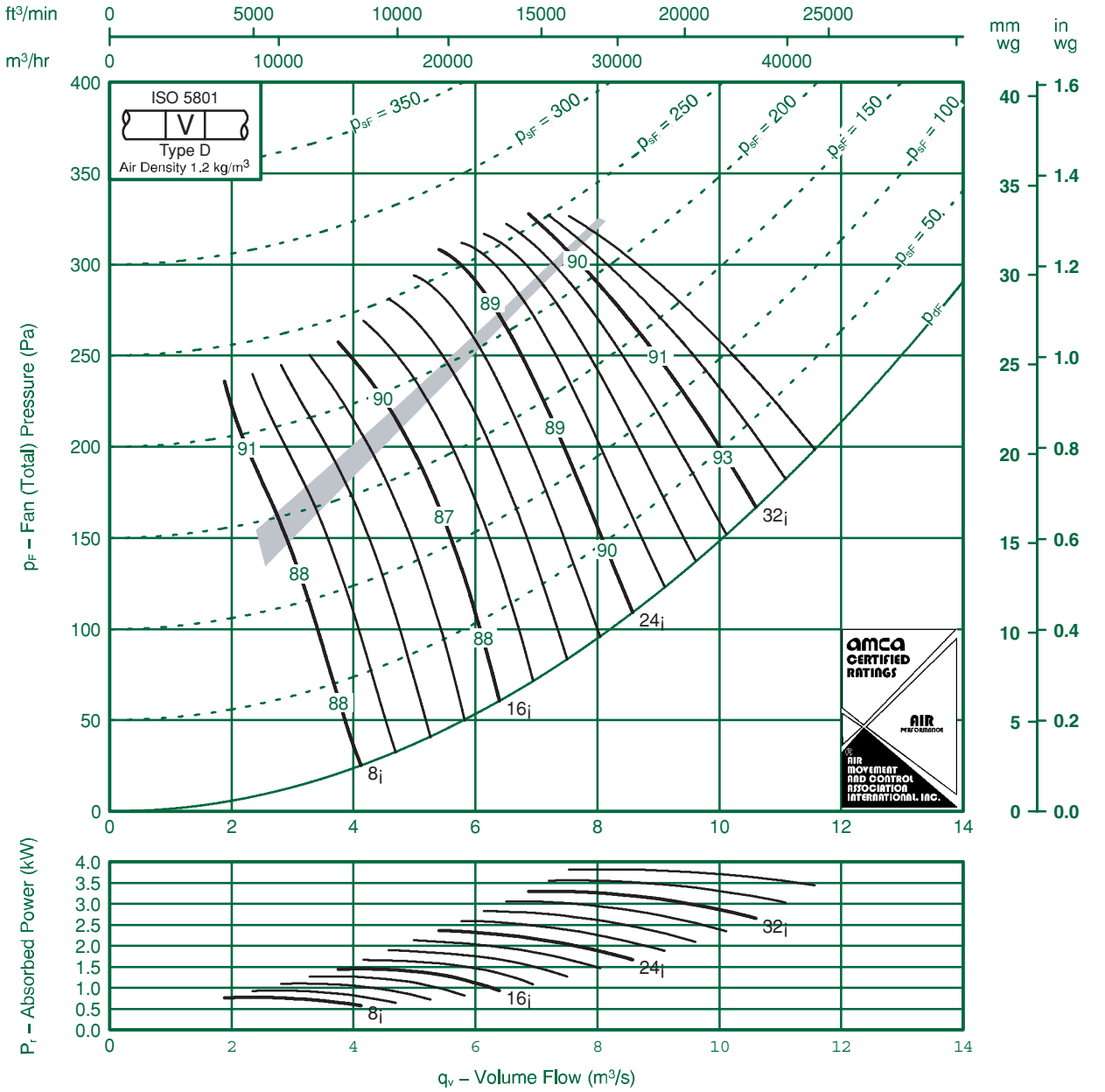

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Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	-15 -14	-11 -8	-8 -9	-4 -7	-6 -6	-12 -8	-20 -15	-26 -21	8	-14 -14	-9 -7	-8 -9	-4 -7	-6 -6	-11 -7	-19 -15	-24 -20
16	-12 -10	-9 -6	-7 -7	-4 -7	-7 -8	-12 -12	-18 -16	-25 -22	16	-11 -9	-9 -6	-7 -7	-4 -7	-7 -8	-12 -11	-17 -16	-23 -20
24 - 36	-9 -7	-8 -6	-7 -7	-6 -8	-8 -10	-11 -13	-15 -16	-19 -21	24 - 36	-7 -7	-8 -6	-7 -7	-6 -8	-8 -10	-11 -13	-14 -15	-18 -19

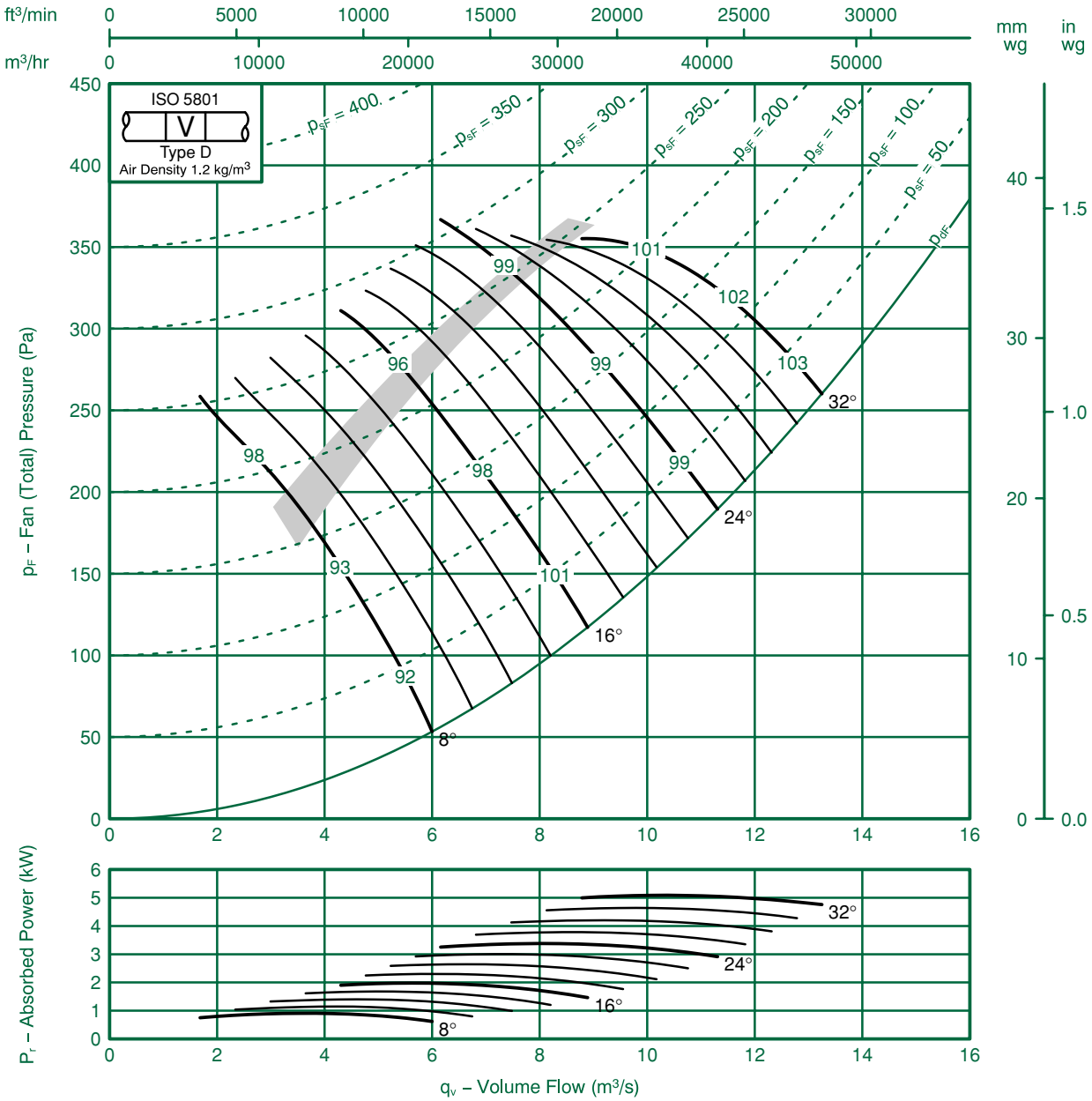
JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 90JM/25/4/3/...
900 mm 1440 rev/min 3 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

Performance shown is for installations type D—Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances.



If it is intended to run this fan in reverse for other than emergency operation, please refer to Fl kt Woods Ltd.

Sound Data BS848 Part 2 1985:

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—10 —4	—16 —1	—12 —1	—5 —9	—5 —9	—1 —1	—17 —14	—23 —18	8	—7 —2	—14 —10	—12 —1	—5 —9	—5 —9	—10 —9	—15 —13	—19 —16
16	—3 —3	—10 —9	—1 —12	—1 —12	—1 —13	—13 —16	—16 —18	—19 —21	16	—2 —1	—9 —8	—1 —1	—10 —12	—10 —13	—12 —15	—14 —16	—16 —19
—32	—5 —4	—7 —8	—9 —10	—9 —10	—1 —1	—13 —13	—16 —16	—20 —19	24 —32	—4 —2	—7 —7	—9 —10	—9 —10	—10 —1	—12 —12	—15 —14	—18 —16

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 90JM/25/4/6/...
900 mm 1440 rev/min 6 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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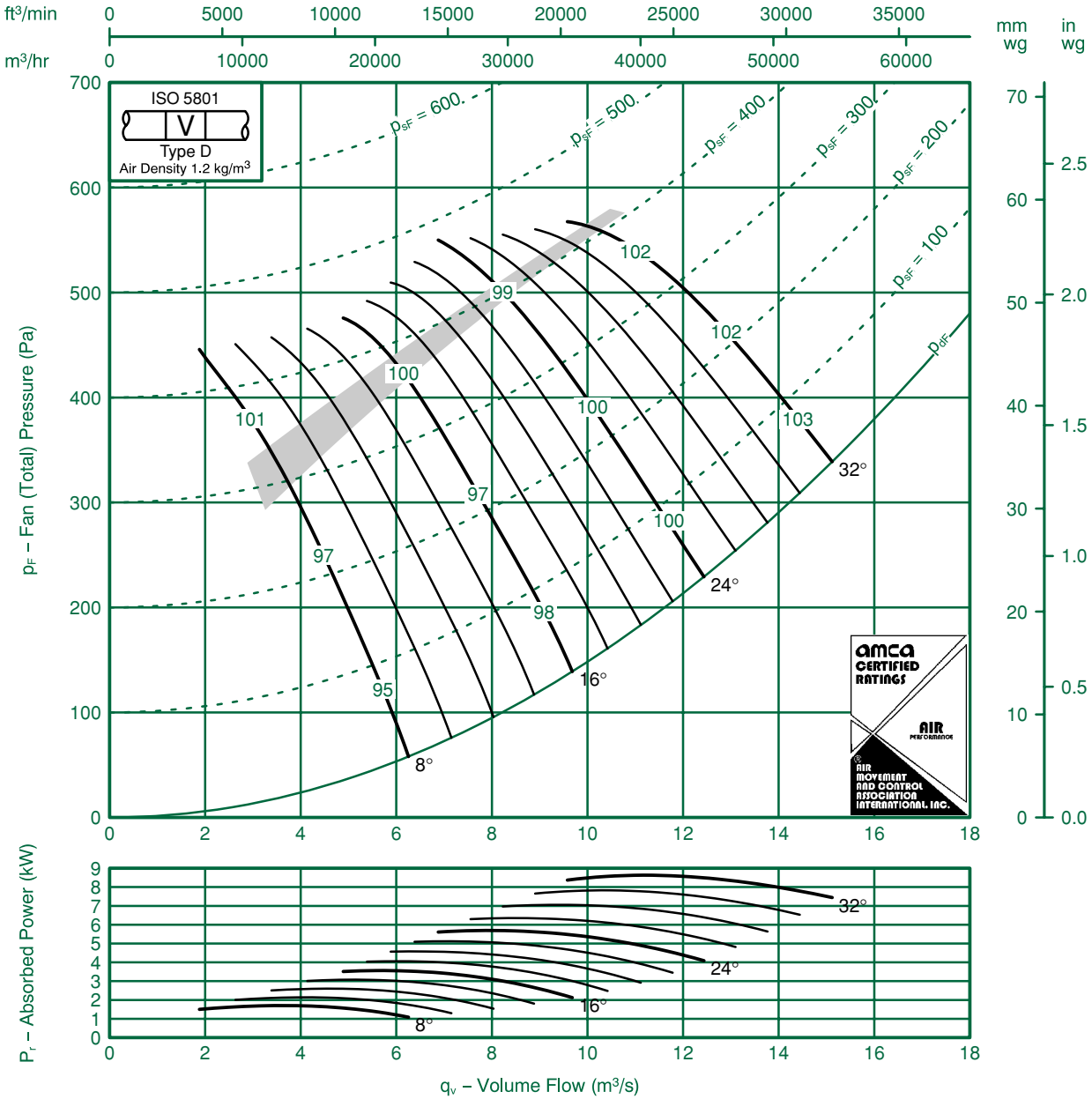

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—14 —9	—17 —14	—12 —12	—5 —10	—4 —7	—10 —7	—17 —12	—23 —18	8	—13 —8	—15 —12	—1 —1	—5 —9	—4 —6	—10 —5	—15 —10	—20 —16
16	—10 —6	—15 —10	—1 —8	—7 —10	—4 —9	—10 —12	—16 —15	—21 —19	16	—9 —5	—14 —9	—1 —8	—7 —9	—4 —9	—9 —10	—14 —13	—19 —17
24 —32	—6 —5	—9 —8	—9 —9	—8 —9	—8 —10	—1 —12	—15 —15	—18 —19	24 —32	—5 —4	—9 —8	—8 —8	—8 —9	—7 —9	—1 —12	—14 —14	—17 —17

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 90JM/25/4/9/...
900 mm 1440 rev/min 9 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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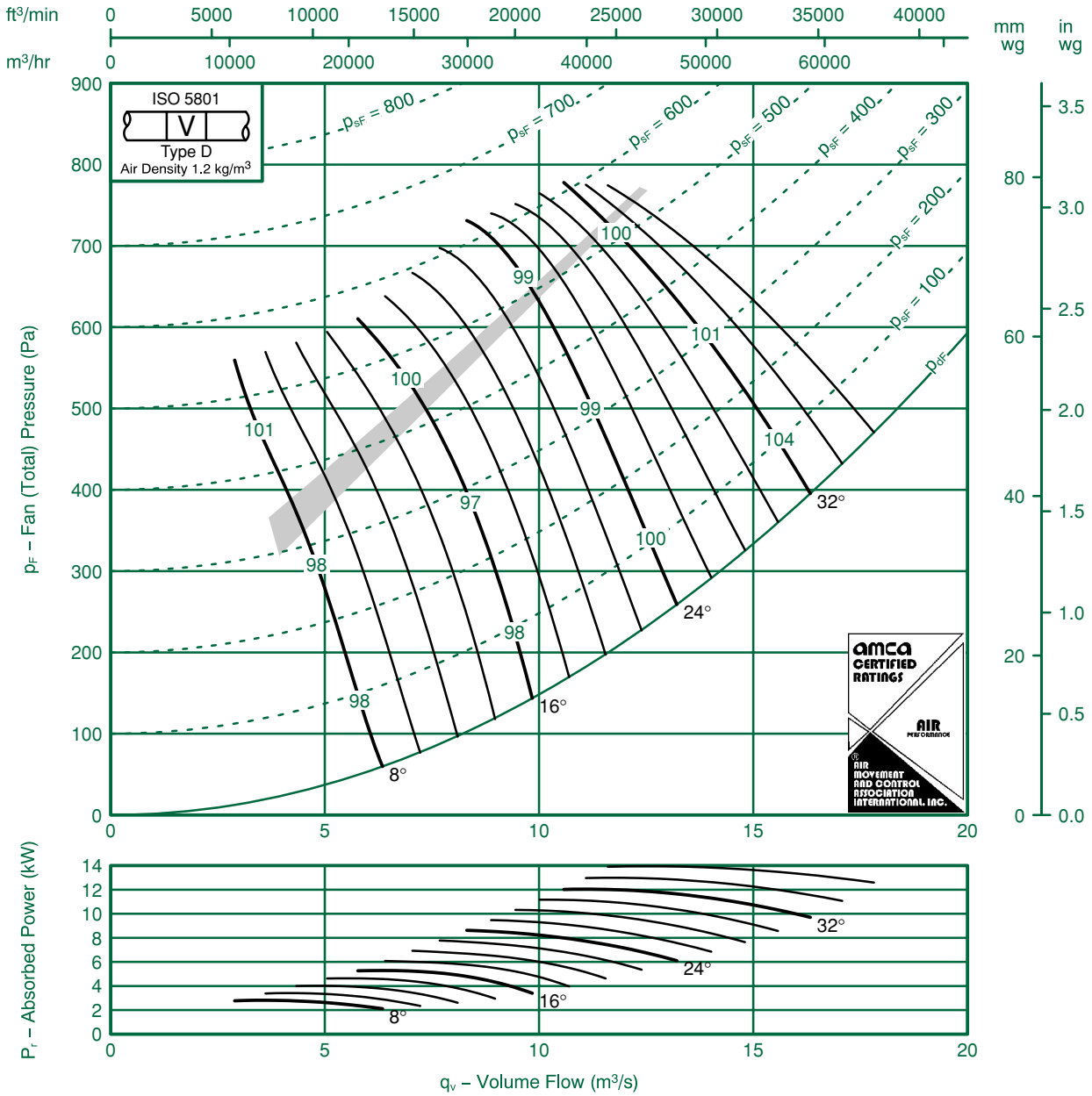

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Sound Data BS848 Part 2 1985:

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—16 —14	—16 —15	—1 —8	—8 —9	—4 —7	—8 —7	—15 —10	—23 —18	8	—14 —14	—15 —14	—9 —7	—7 —8	—4 —6	—7 —5	—13 —9	—20 —16
16	—12 —9	—14 —12	—9 —7	—7 —7	—6 —8	—10 —10	—15 —14	—21 —19	16	—10 —8	—13 —1	—8 —6	—6 —7	—5 —7	—9 —9	—13 —13	—19 —17
24 —36	—7 —6	—1 —9	—9 —8	—8 —8	—8 —9	—10 —12	—14 —15	—17 —19	24 —36	—5 —6	—10 —9	—8 —7	—8 —7	—7 —9	—10 —1	—13 —14	—16 —17

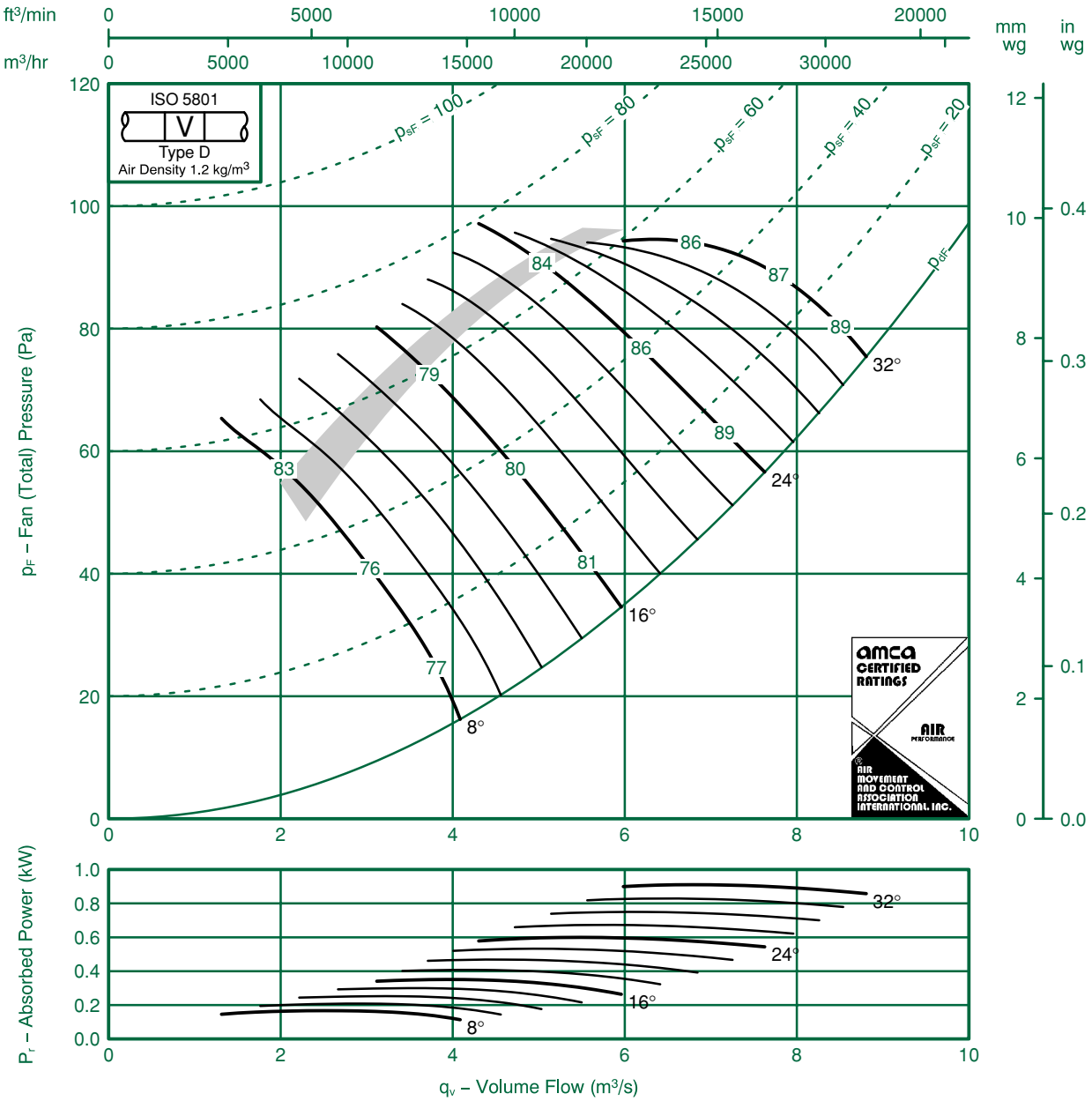
JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 100JM/25/8/3/...
1000 mm 695 rev/min 3 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

Performance shown is for installations type D—Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances.



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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—14 —7	—13 —9	—6 —8	—4 —7	—7 —7	—13 —1	—18 —15	—26 —20	8	—12 —5	—13 —9	—6 —8	—4 —7	—7 —7	—12 —9	—17 —14	—23 —19
16	—5 —4	—9 —8	—8 —9	—8 —9	—9 —1	—1 —13	—15 —17	—19 —21	16	—4 —3	—9 —8	—8 —9	—8 —9	—9 —1	—1 —13	—13 —15	—16 —19
24 —32	—6 —4	—7 —8	—8 —9	—9 —9	—10 —10	—13 —13	—18 —16	—22 —20	24 —32	—4 —3	—7 —8	—8 —9	—9 —9	—10 —10	—13 —12	—16 —15	—20 —18

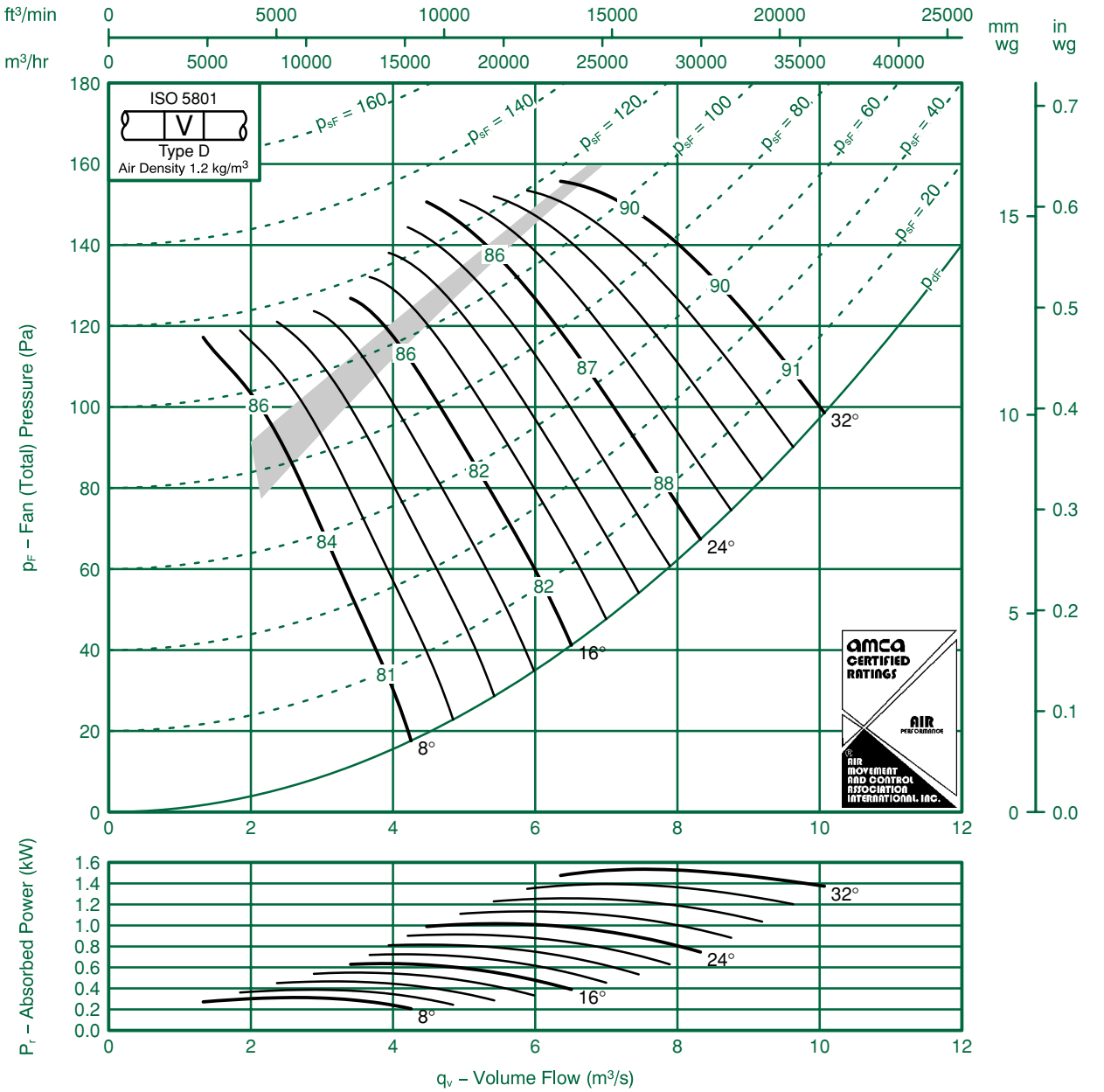
JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 100JM/25/8/6/...
1000 mm 695 rev/min 6 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

Performance shown is for installations type D—Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances.



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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—16 —10	—13 —10	—6 —**1**	—4 —7	—7 —5	—13 —8	—19 —14	—27 —21	8	—14 —10	—13 —10	—6 —**1**	—4 —7	—7 —5	—13 —7	—19 —14	—25 —20
16	—15 —7	—13 —8	—7 —8	—3 —7	—7 —8	—14 —**1**	—20 —16	—27 —22	16	—13 —7	—13 —8	—7 —8	—3 —7	—7 —8	—14 —**1**	—19 —15	—26 —21
24 —32	—8 —5	—8 —7	—7 —8	—7 —9	—9 —9	—13 —13	—17 —16	—23 —21	24 —32	—7 —4	—8 —7	—7 —8	—7 —9	—9 —9	—13 —12	—16 —15	—21 —20

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 100JM/25/8/9/...
1000 mm 695 rev/min 9 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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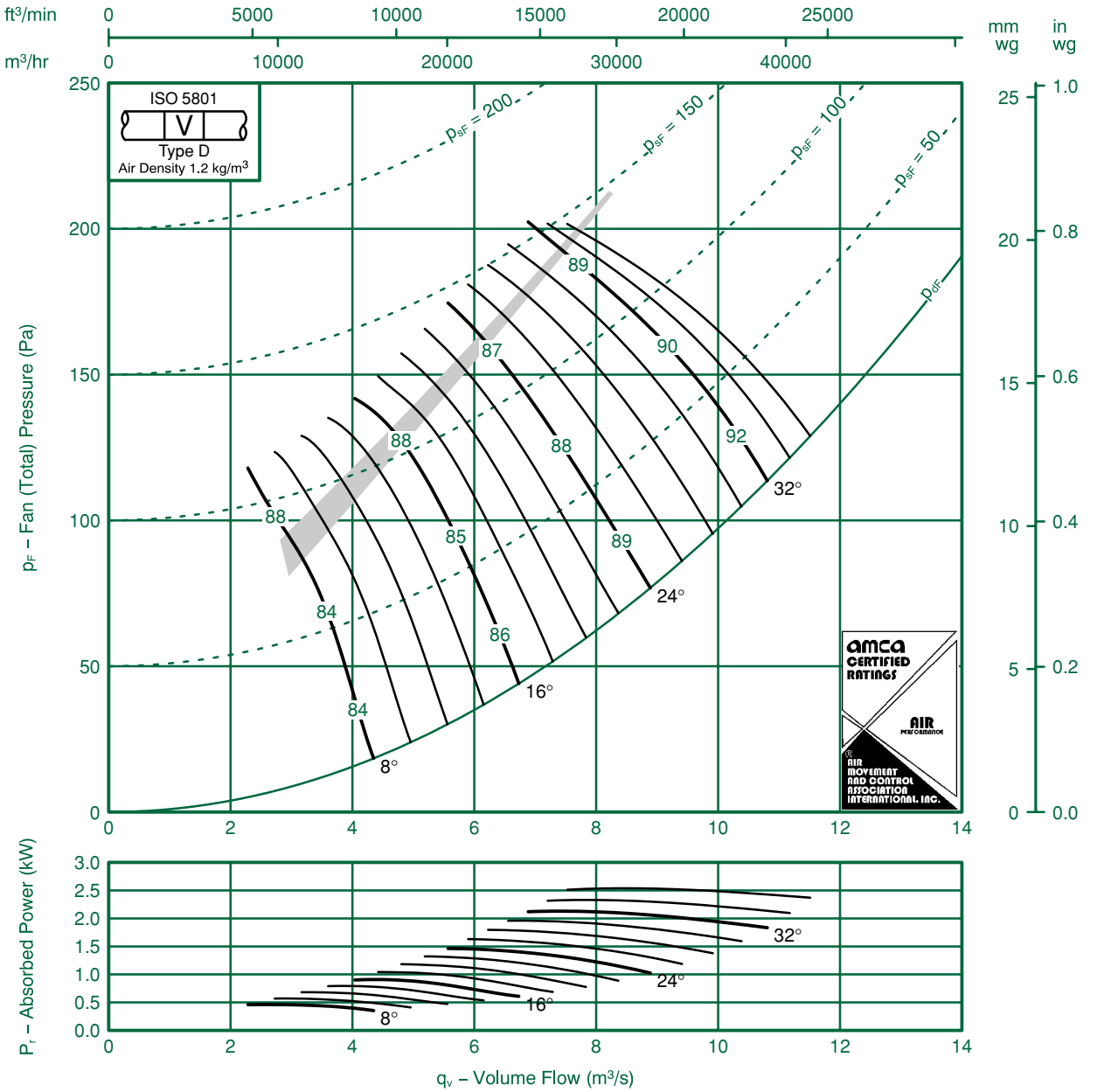

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—20 —18	—14 —10	—9 —10	—4 —7	—5 —4	—1 —8	—18 —14	—27 —21	8	—19 —18	—13 —10	—9 —10	—4 —7	—5 —4	—10 —7	—17 —14	—25 —20
16	—16 —10	—12 —7	—7 —8	—4 —6	—6 —8	—1 —1	—18 —16	—27 —23	16	—15 —10	—12 —7	—7 —8	—4 —6	—6 —8	—1 —1	—17 —15	—25 —21
24 —36	—8 —6	—7 —6	—8 —8	—7 —9	—8 —9	—1 —13	—15 —17	—21 —22	24 —36	—7 —6	—7 —5	—8 —8	—7 —9	—8 —9	—1 —12	—15 —16	—20 —21

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 100JM/25/6/3/...
1000 mm 935 rev/min 3 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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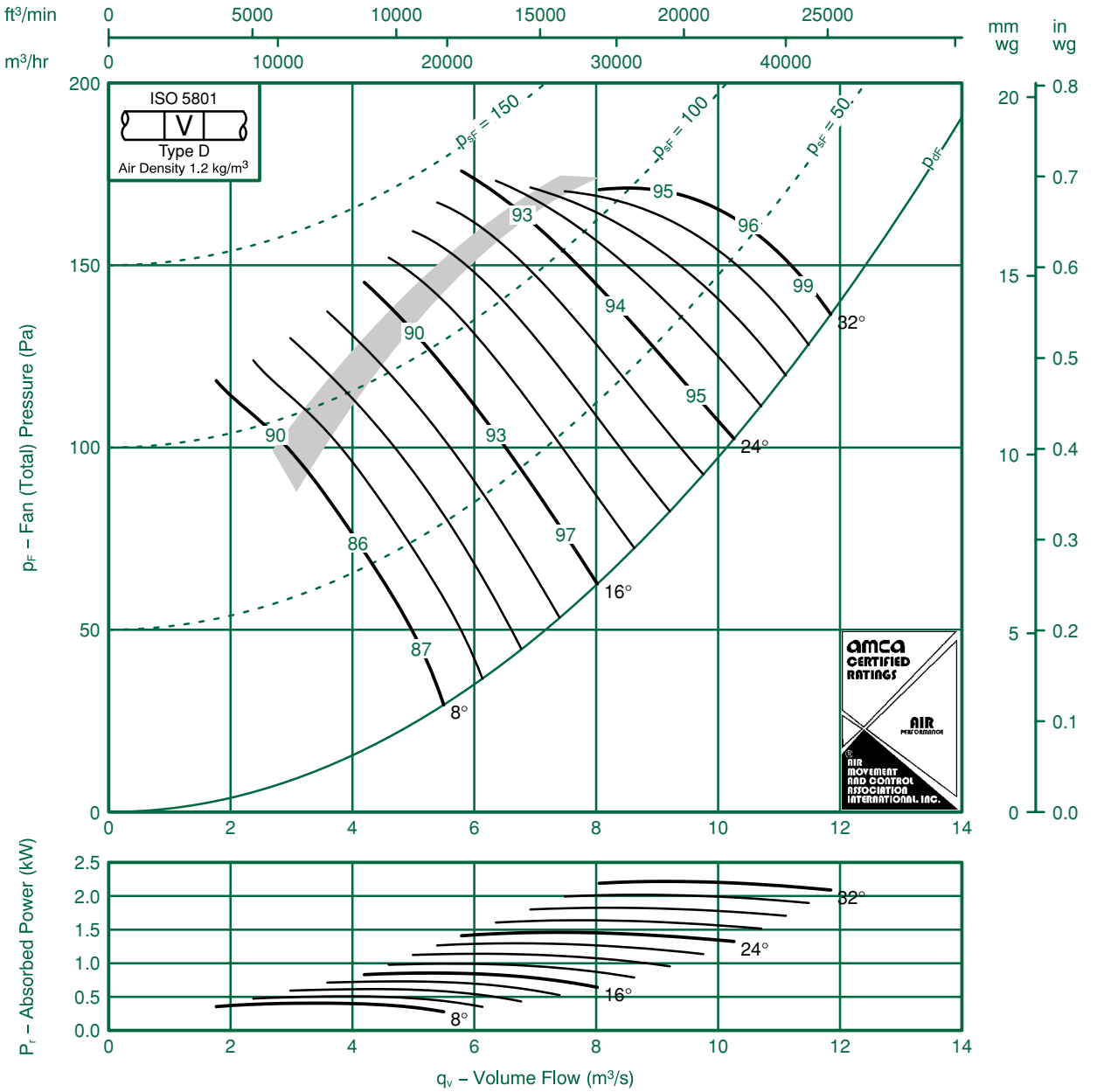

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—1 —4	—15 —1	—8 —9	—4 —9	—6 —8	—12 —1	—17 —15	—23 —19	8	—8 —2	—14 —1	—8 —9	—4 —9	—6 —8	—12 —10	—16 —14	—20 —18
16	—3 —2	—1 —10	—10 —1	—10 —12	—10 —12	—13 —15	—16 —18	—19 —22	16	—1 —1	—1 —10	—10 —1	—10 —12	—10 —12	—12 —14	—14 —17	—17 —19
24 —32	—5 —3	—7 —9	—8 —9	—10 —1	—10 —10	—13 —13	—17 —17	—20 —19	24 —32	—3 —2	—7 —9	—8 —9	—10 —1	—10 —10	—13 —12	—16 —15	—19 —17

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 100JM/25/6/6/...
1000 mm 950 rev/min 6 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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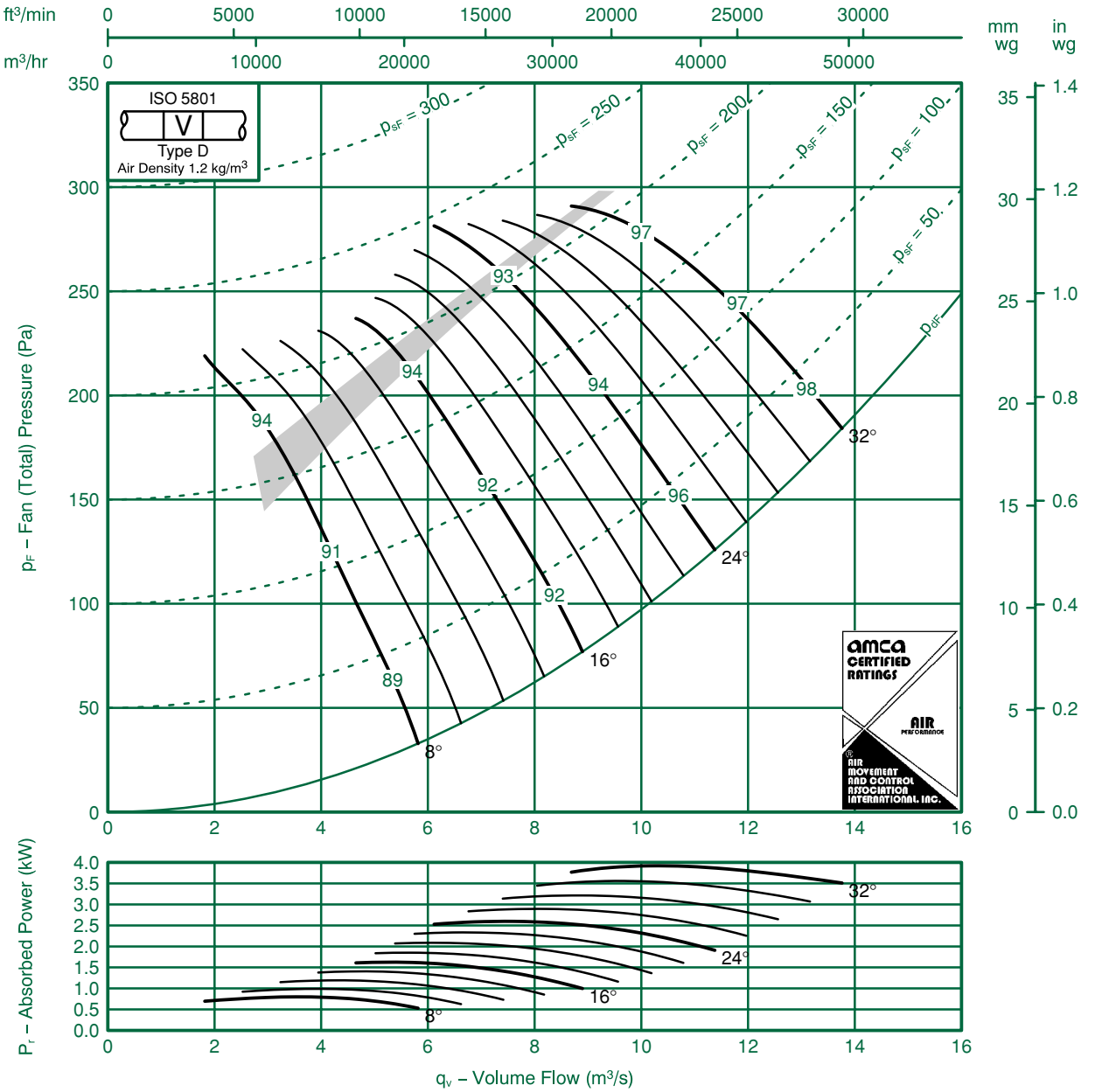

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—16 —9	—15 —12	—7 —9	—4 —9	—6 —5	—12 —8	—18 —13	—24 —19	8	—14 —9	—14 —1	—7 —9	—4 —9	—6 —5	—12 —7	—17 —13	—22 —18
16	—14 —6	—15 —9	—8 —8	—4 —7	—5 —7	—12 —1	—18 —15	—24 —20	16	—13 —6	—15 —9	—8 —8	—4 —7	—5 —7	—12 —10	—17 —14	—22 —19
24 —32	—7 —5	—9 —8	—7 —8	—7 —9	—8 —9	—12 —12	—16 —16	—20 —20	24 —32	—6 —4	—9 —8	—7 —8	—7 —9	—8 —9	—12 —12	—15 —15	—19 —18

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 100JM/25/6/9/...
1000 mm 950 rev/min 6 Blades 50 Hz

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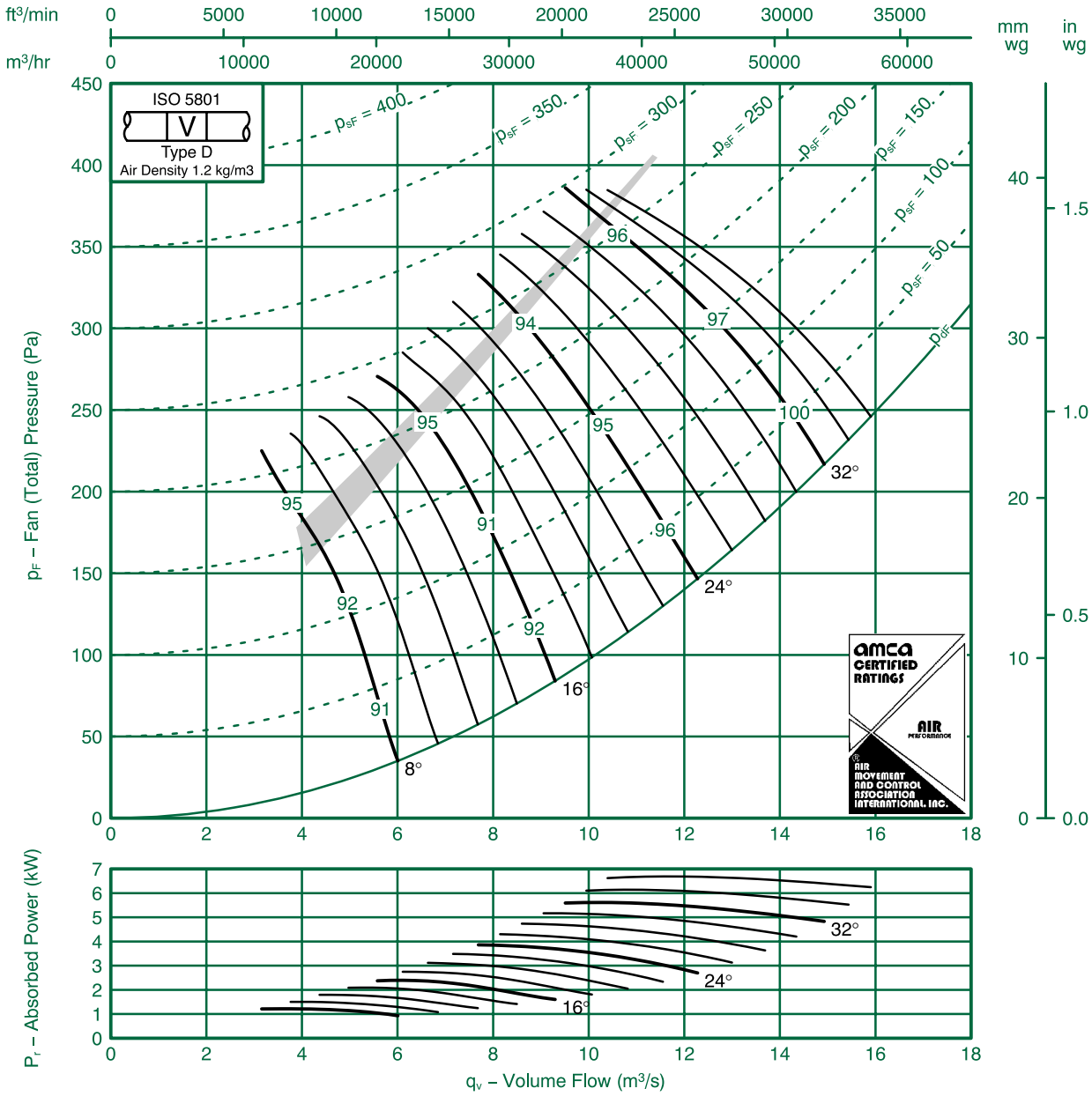

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	–21 –18	–14 –10	–11 –10	–4 –8	–4 –4	–9 –8	–17 –13	–23 –18	8	–20 –18	–12 –8	–11 –10	–4 –8	–4 –4	–9 –6	–16 –13	–21 –17
16	–16 –10	–12 –7	–10 –8	–4 –6	–6 –7	–10 –11	–17 –15	–24 –20	16	–14 –10	–12 –7	–10 –8	–4 –6	–6 –7	–10 –10	–16 –14	–22 –19
24 – 36	–8 –6	–8 –6	–8 –8	–7 –9	–7 –9	–11 –12	–15 –16	–19 –20	24 – 36	–7 –5	–7 –6	–8 –8	–7 –9	–7 –9	–11 –12	–14 –15	–18 –18

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 100JM/25/4/3/...
1000 mm 1440 rev/min 3 Blades 50 Hz

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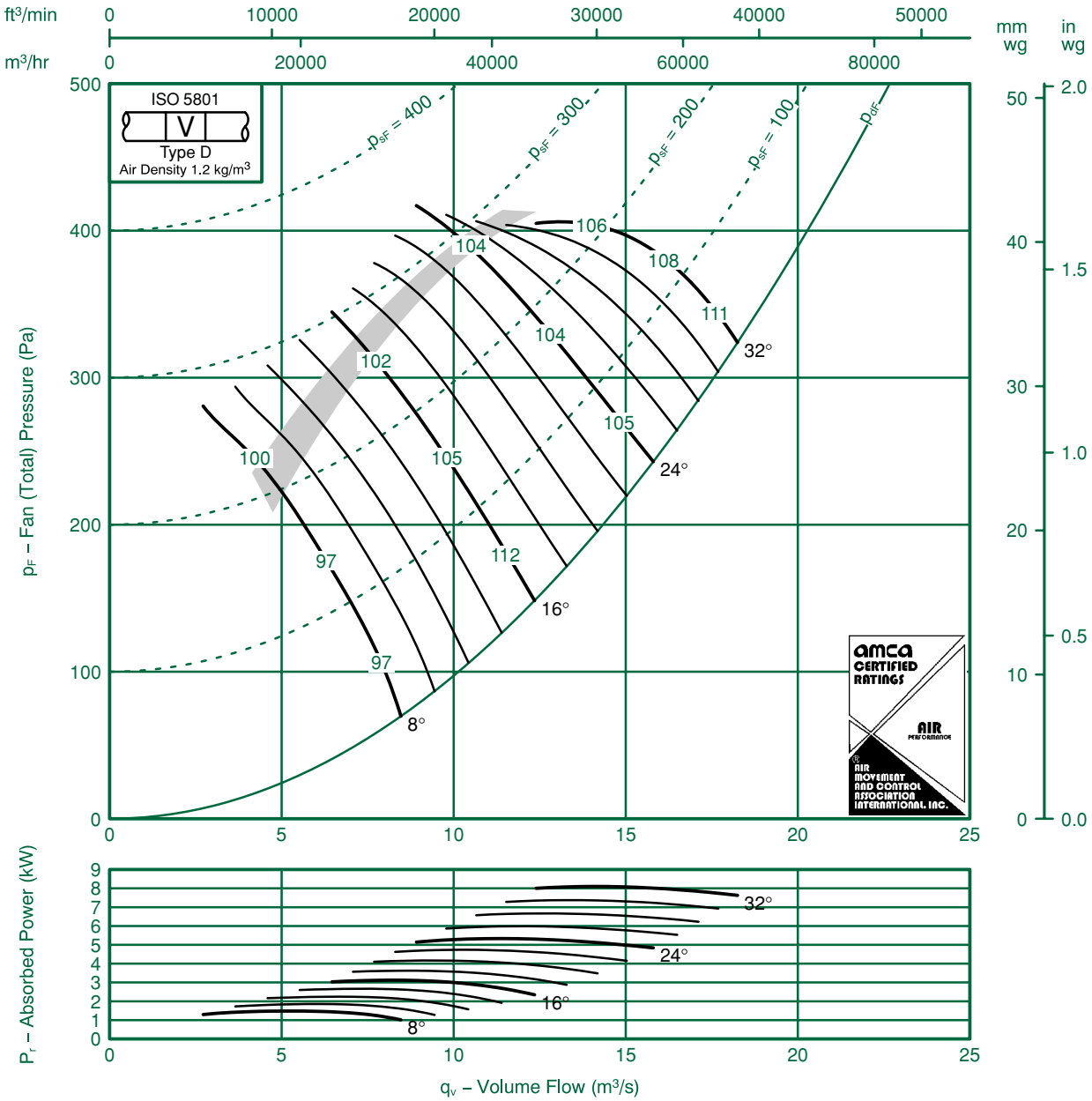

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—9 —3	—16 —10	—14 —13	—7 —1	—5 —10	—9 —10	—14 —14	—20 —18	8	—6 —2	—14 —10	—14 —12	—7 —1	—4 —10	—8 —9	—13 —13	—16 —16
16	—2 —2	—10 —9	—14 —13	—13 —14	—12 —14	—13 —15	—16 —18	—19 —21	16	—1 —1	—10 —9	—14 —13	—13 —14	—12 —14	—13 —15	—14 —17	—16 —19
24 —32	—5 —3	—8 —8	—9 —1	—9 —1	—1 —12	—12 —13	—16 —16	—19 —19	24 —32	—4 —2	—7 —7	—9 —1	—9 —1	—1 —12	—12 —12	—14 —14	—17 —17

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 100JM/25/4/6/...
1000 mm 1450 rev/min 6 Blades 50 Hz

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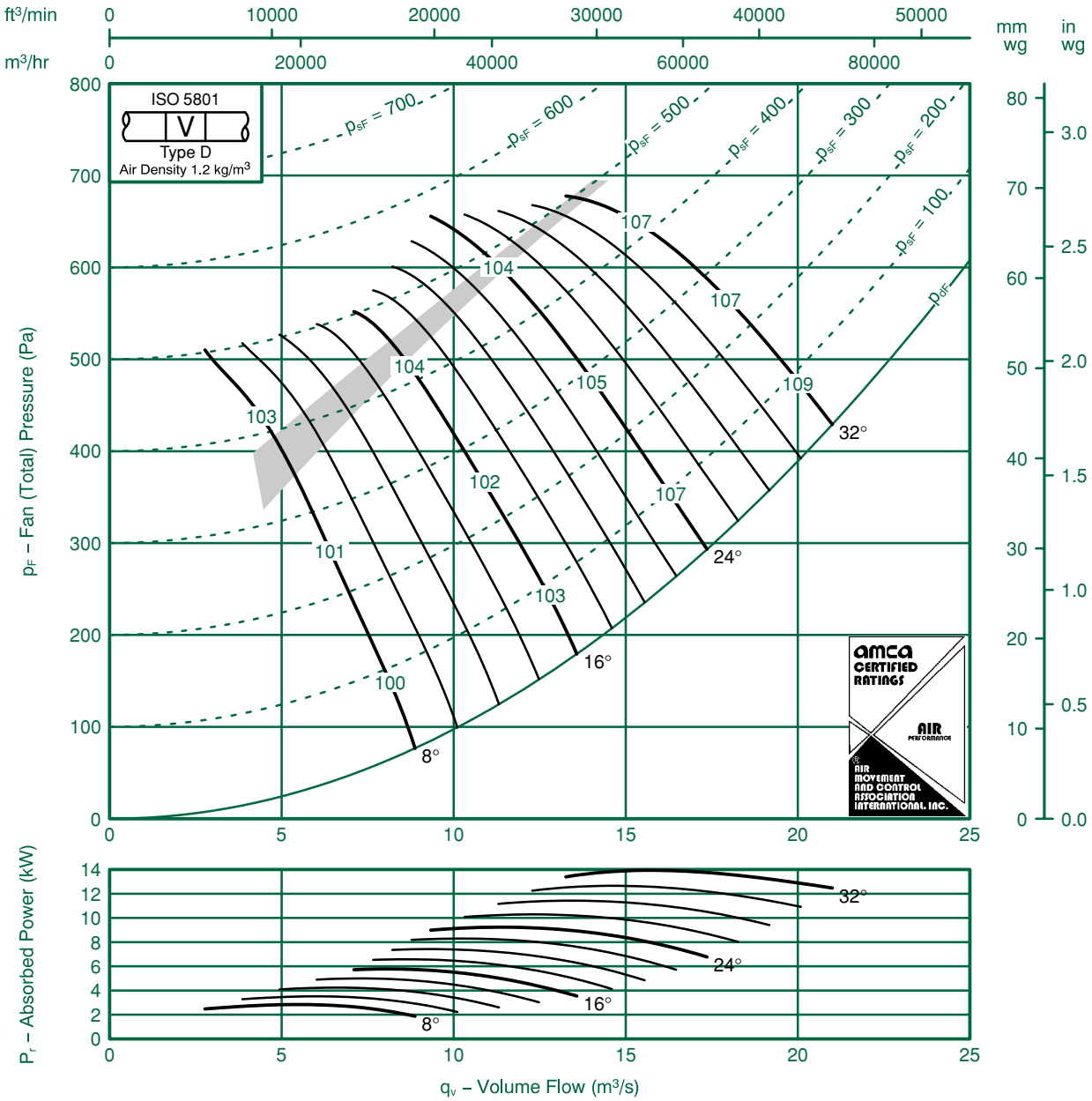

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—13 —7	—17 —12	—13 —12	—6 —12	—5 —8	—8 —6	—14 —10	—20 —16	8	—12 —6	—15 —1	—12 —1	—6 —12	—4 —8	—8 —5	—13 —9	—18 —14
16	—10 —5	—15 —9	—13 —10	—7 —10	—4 —8	—8 —10	—15 —13	—20 —18	16	—9 —4	—15 —9	—13 —10	—7 —10	—4 —8	—8 —9	—14 —12	—18 —16
24 —32	—7 —5	—9 —7	—9 —9	—8 —10	—8 —1	—10 —1	—14 —15	—18 —18	24 —32	—6 —4	—9 —7	—8 —9	—7 —10	—8 —10	—10 —1	—13 —14	—17 —16

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 100JM/25/4/9/...
1000 mm 1470 rev/min 9 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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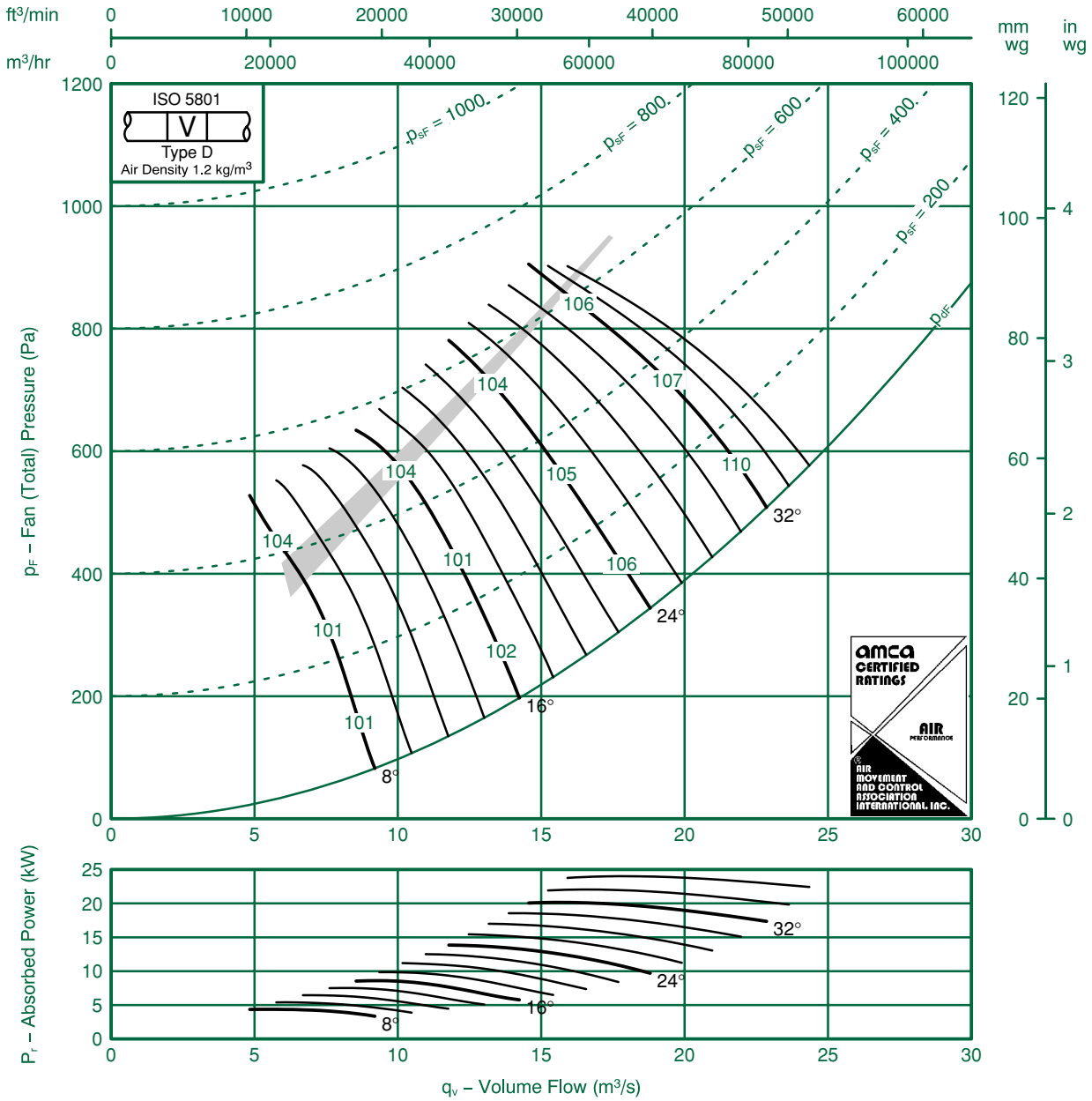

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—21 —17	—21 —18	—14 —10	—9 —10	—4 —6	—6 —5	—12 —9	—19 —15	8	—20 —17	—20 —18	—13 —9	—9 —10	—4 —6	—5 —3	—1 —8	—16 —13
16	—15 —10	—16 —1	—12 —8	—7 —8	—4 —7	—7 —8	—12 —12	—19 —17	16	—14 —10	—16 —1	—12 —7	—6 —8	—4 —6	—7 —8	—1 —1	—17 —15
24 —36	—8 —6	—9 —8	—8 —7	—8 —9	—8 —10	—8 —10	—13 —14	—16 —18	24 —36	—7 —6	—9 —8	—8 —6	—8 —9	—8 —10	—8 —10	—12 —13	—15 —16

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 100JM/31/4/9/...
1000 mm 1470 rev/min 9 Blades 50 Hz

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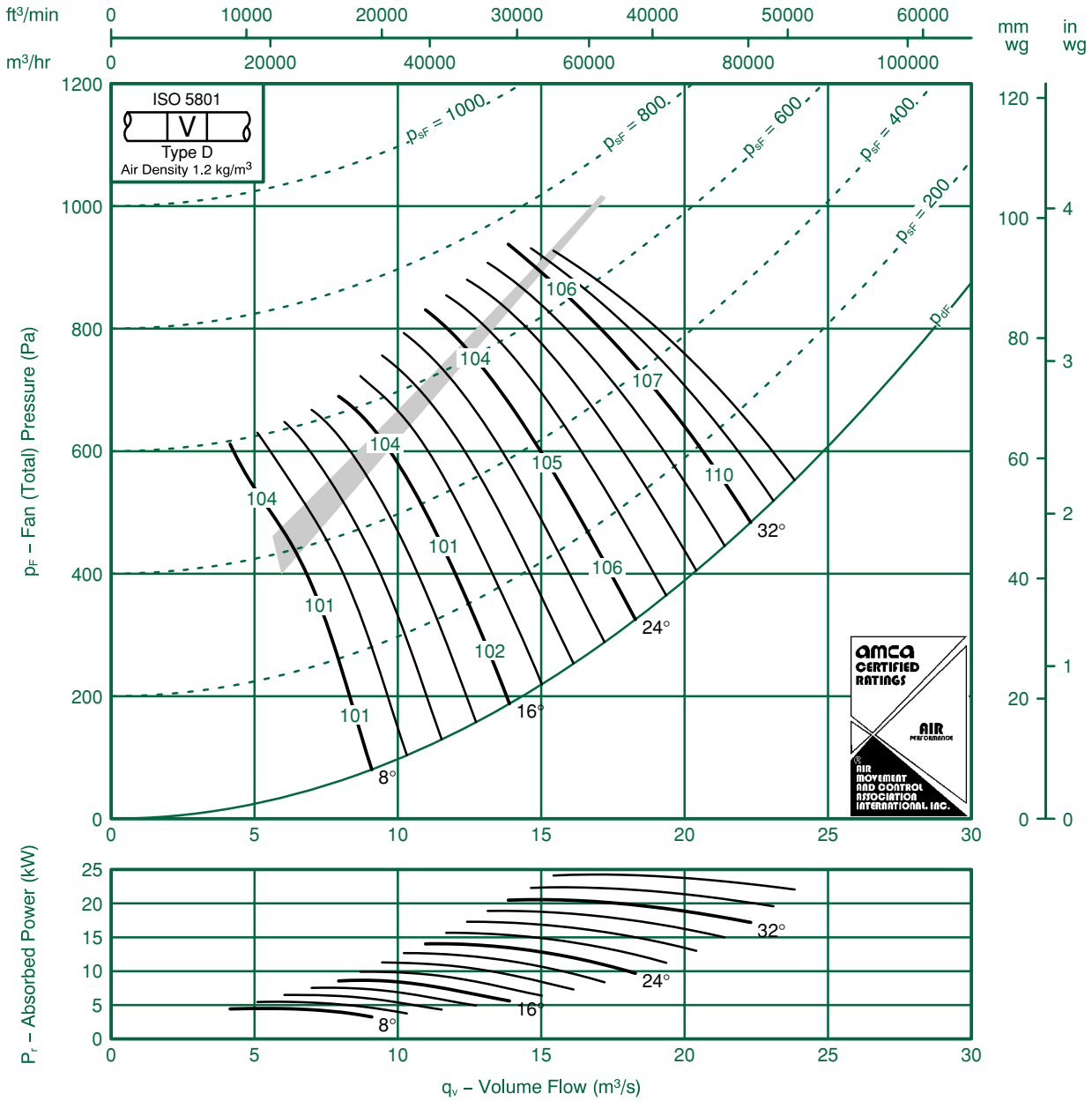

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Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—21 —17	—21 —18	—14 —10	—9 —10	—4 —6	—6 —5	—12 —9	—19 —15	8	—20 —17	—20 —18	—13 —9	—9 —10	—4 —6	—5 —3	—1 —8	—16 —13
16	—15 —10	—16 —1	—12 —8	—7 —8	—4 —7	—7 —8	—12 —12	—19 —17	16	—14 —10	—16 —1	—12 —7	—6 —8	—4 —6	—7 —8	—1 —1	—17 —15
24 —36	—8 —6	—9 —8	—8 —7	—8 —9	—8 —10	—8 —10	—13 —14	—16 —18	24 —36	—7 —6	—9 —8	—8 —6	—8 —9	—8 —10	—8 —10	—12 —13	—15 —16

JM AEROFOIL

BS 5750 Pt 1
EN 29001
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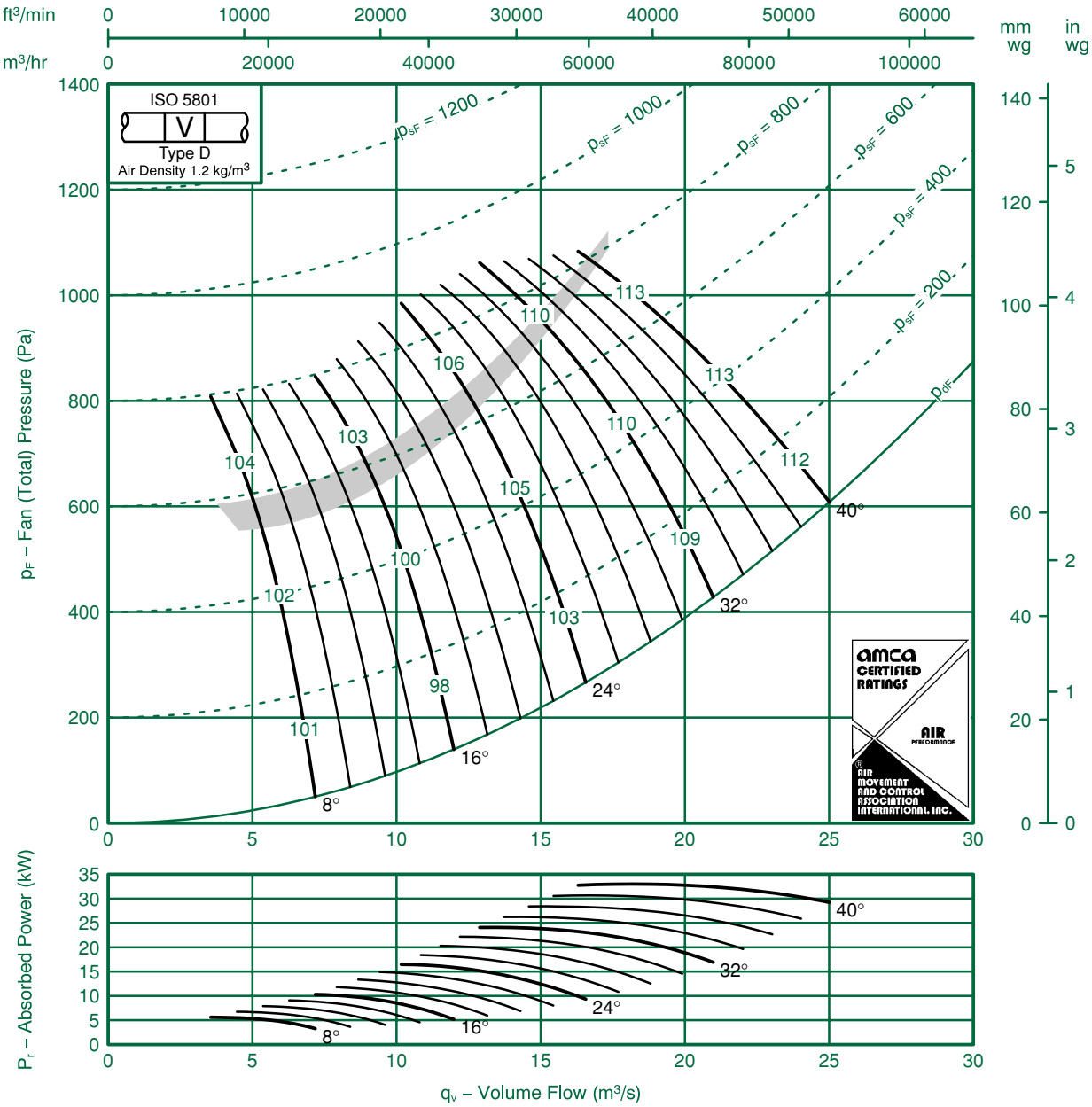

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8	—9 —10	—10 —12	—7 —7	—5 —7	—8 —7	—13 —9	—19 —13	—27 —22	8	—7 —6	—7 —9	—6 —4	—4 —7	—9 —7	—13 —8	—18 —12	—25 —21
16	—7 —6	—1 —10	—8 —6	—5 —7	—8 —10	—1 —10	—15 —12	—23 —21	16	—3 —2	—7 —6	—7 —5	—6 —8	—10 —12	—1 —1	—15 —1	—22 —20
24 —40	—5 —6	—9 —8	—9 —8	—5 —5	—15 —15	—16 —17	—17 —18	—20 —23	24 —40	—2 —3	—5 —4	—7 —6	—4 —4	—14 —14	—15 —16	—16 —17	—19 —22

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 112JM/40/10/6/...
1120 mm 575 rev/min 6 Blades 50 Hz

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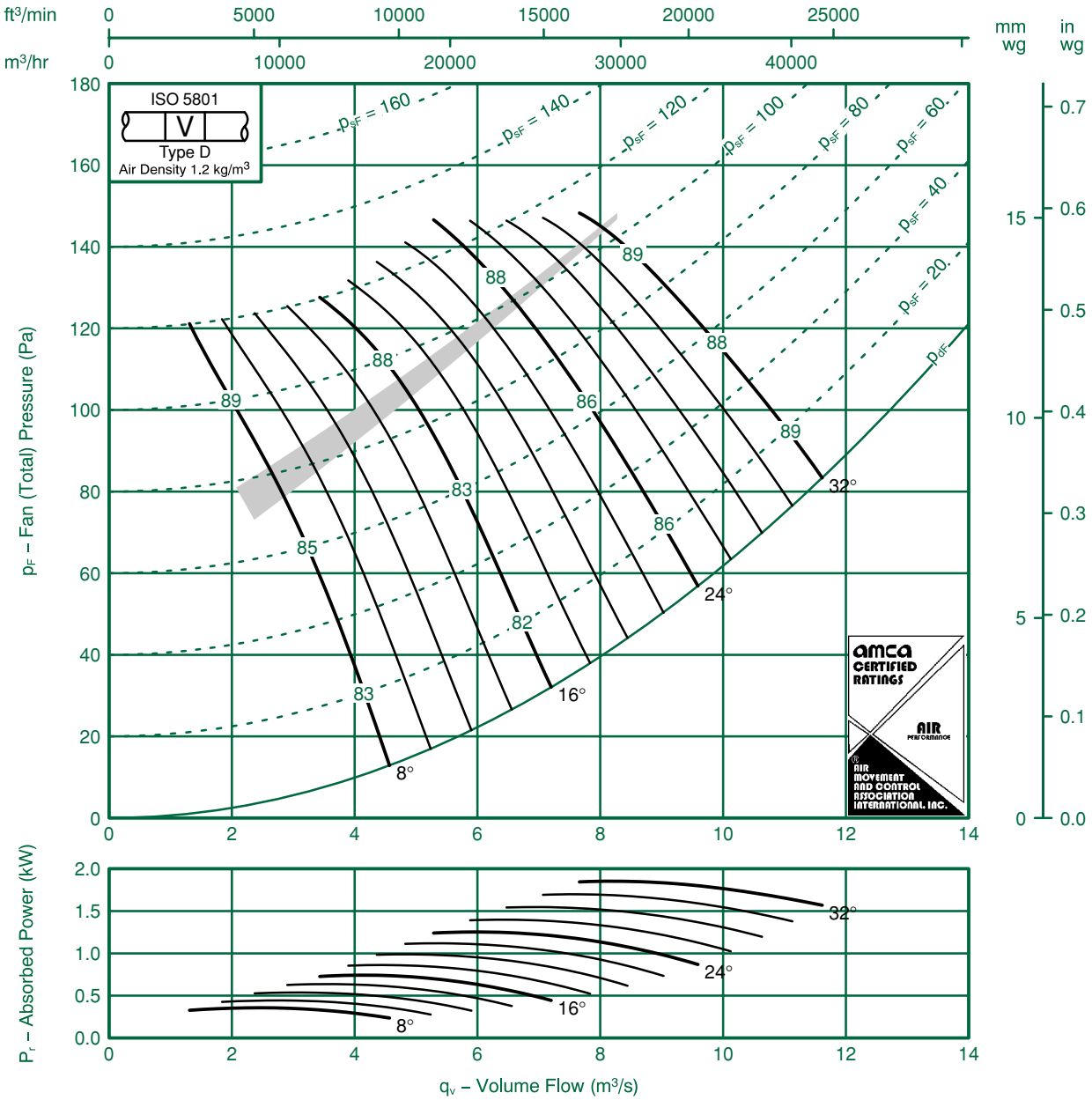

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8	—10 —7	—5 —8	—4 —6	—8 —6	—16 —1	—21 —16	—28 —22	—34 —30	8	—7 —4	—5 —7	—5 —6	—8 —6	—15 —10	—21 —15	—28 —22	—33 —29
16	—7 —5	—6 —5	—6 —9	—7 —10	—12 —12	—17 —16	—24 —22	—29 —29	16	—5 —2	—5 —4	—6 —9	—7 —10	—12 —12	—16 —15	—24 —22	—28 —28
24 —32	—6 —6	—5 —4	—8 —9	—8 —9	—12 —13	—16 —17	—20 —20	—23 —23	24 —32	—4 —3	—4 —3	—8 —9	—8 —9	—12 —13	—15 —16	—20 —20	—22 —22

JM AEROFOIL

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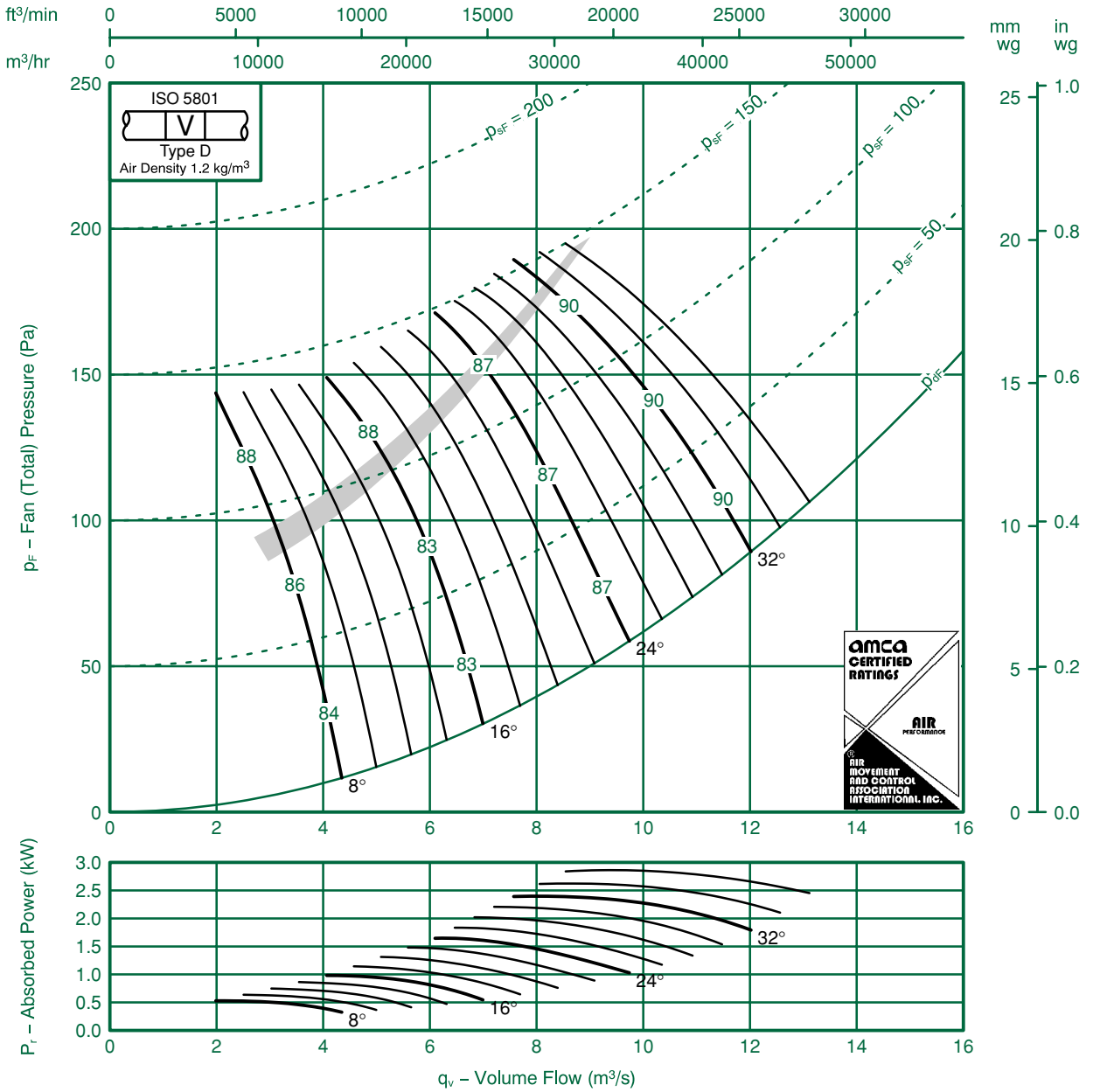

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8	—1 —10	—5 —9	—4 —6	—7 —4	—15 —10	—21 —15	—29 —23	—35 —31	8	—8 —6	—3 —6	—4 —6	—6 —4	—15 —10	—21 —15	—28 —22	—33 —30
16	—12 —6	—6 —8	—4 —6	—7 —7	—12 —9	—19 —13	—27 —21	—32 —27	16	—9 —3	—3 —5	—3 —5	—7 —6	—14 —10	—20 —14	—26 —20	—32 —26
24 —36	—6 —5	—7 —7	—5 —6	—9 —10	—13 —13	—14 —14	—20 —21	—25 —26	24 —36	—3 —2	—4 —4	—4 —5	—8 —9	—12 —12	—14 —14	—20 —20	—24 —25

JM AEROFOIL

BS 5750 Pt 1
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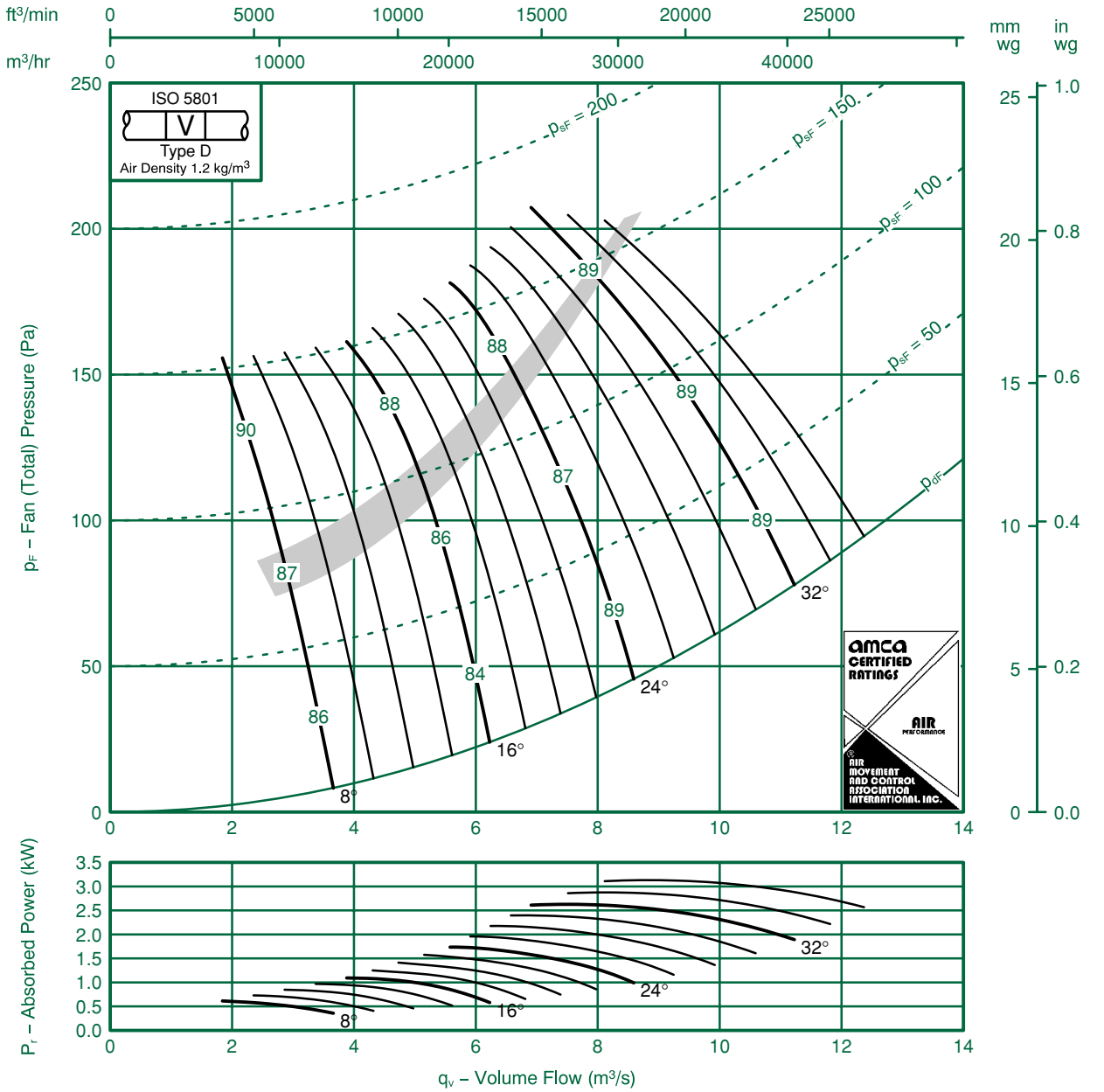

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8	—15 —14	—5 —4	—6 —7	—6 —6	—1 —1	—18 —16	—24 —21	—33 —31	8	—12 —1	—2 —2	—6 —6	—7 —8	—1 —1	—16 —14	—21 —18	—31 —29
16	—13 —13	—4 —2	—7 —9	—7 —8	—1 —12	—17 —16	—24 —21	—31 —29	16	—1 —10	—1 1	—7 —9	—7 —8	—1 —12	—16 —14	—21 —18	—28 —27
24 —36	—9 —9	—4 —3	—8 —9	—8 —9	—12 —12	—15 —15	—19 —20	—24 —25	24 —36	—6 —7	—1 —1	—8 —9	—8 —8	—13 —13	—13 —13	—16 —17	—21 —23

JM AEROFOIL

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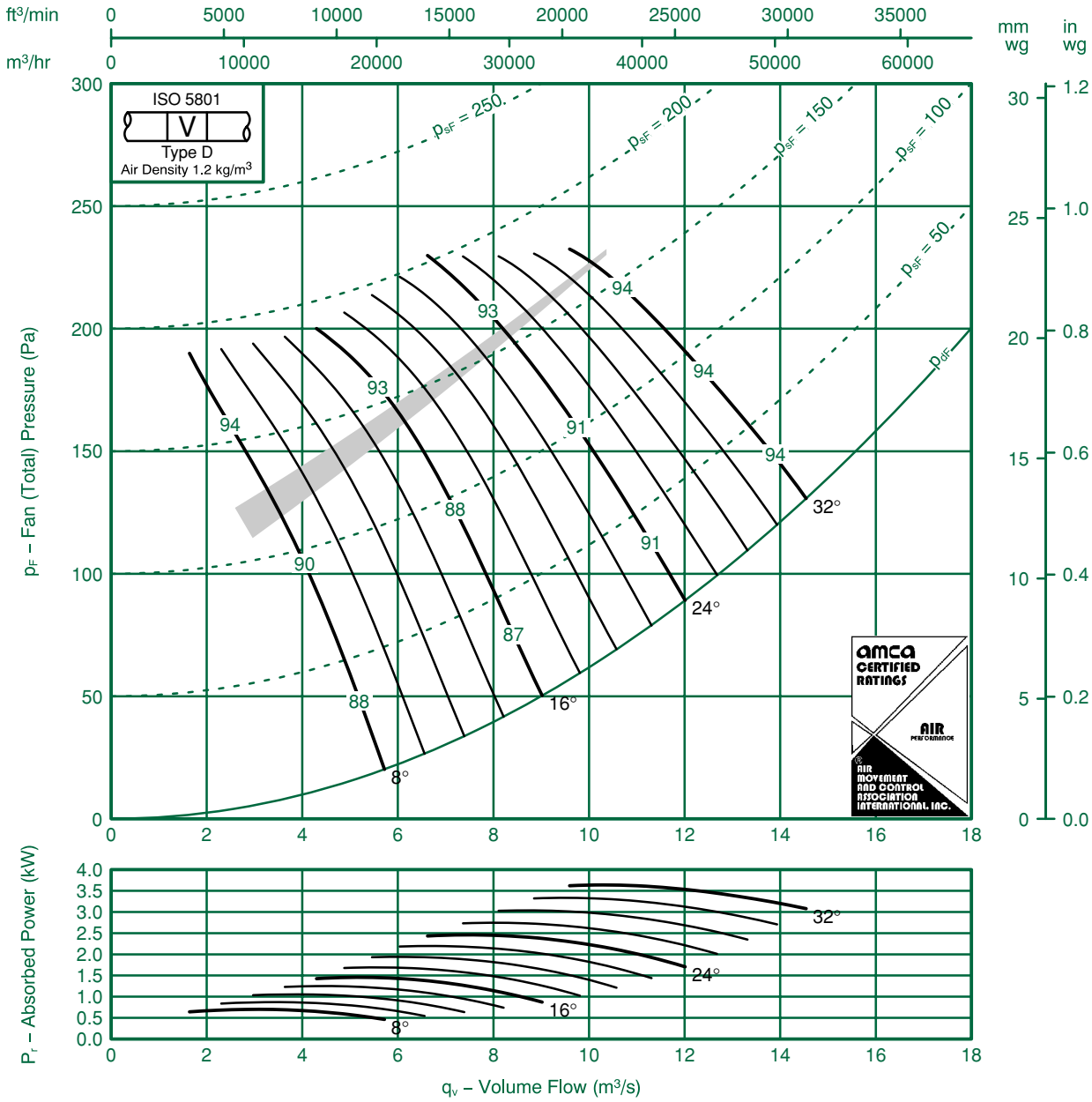

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16	—7 —4	—7 —6	—6 —8	—7 —10	—1 —12	—15 —15	—21 —20	—27 —27	16	—4 —2	—6 —4	—6 —9	—7 —10	—10 —1	—15 —15	—22 —20	—26 —26
24 —32	—5 —5	—6 —5	—8 —8	—8 —9	—1 —12	—15 —16	—18 —19	—22 —23	24 —32	—3 —3	—5 —4	—8 —8	—8 —10	—1 —12	—15 —15	—18 —19	—21 —22

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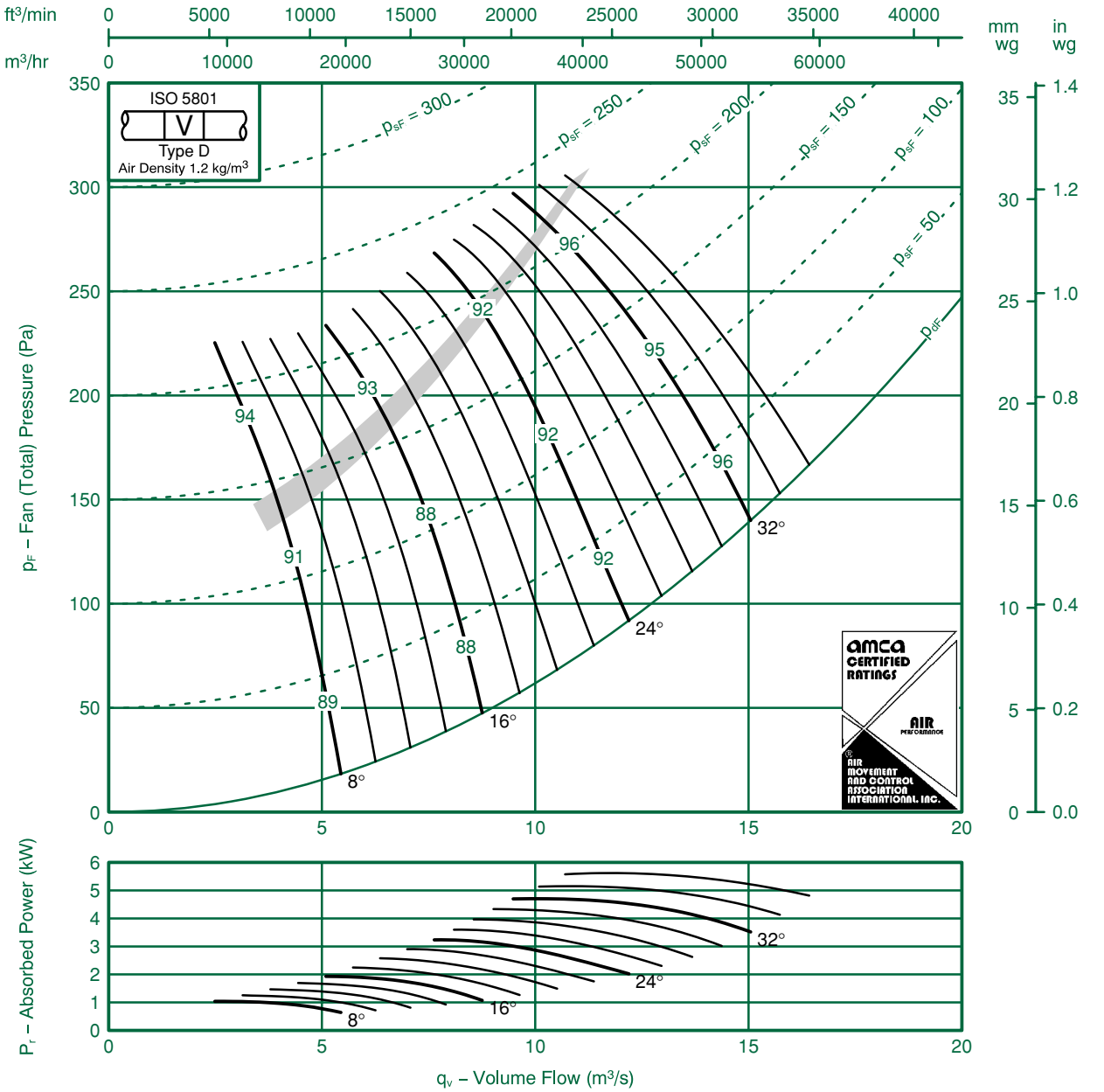

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8	—13 —16	—7 —8	—4 —7	—6 —4	—12 —8	—19 —13	—26 —20	—33 —29	8	—1 —13	—5 —4	—4 —7	—5 —4	—13 —8	—19 —13	—25 —19	—31 —27
16	—14 —12	—7 —6	—4 —7	—6 —7	—10 —8	—16 —1	—24 —18	—30 —25	16	—10 —7	—5 —2	—4 —6	—6 —6	—12 —9	—17 —12	—24 —17	—30 —24
24 —36	—8 —7	—6 —5	—5 —5	—9 —10	—12 —13	—14 —14	—18 —18	—24 —25	24 —36	—5 —4	—3 —1	—3 —4	—8 —9	—1 —12	—13 —13	—18 —18	—23 —24

JM AEROFOIL

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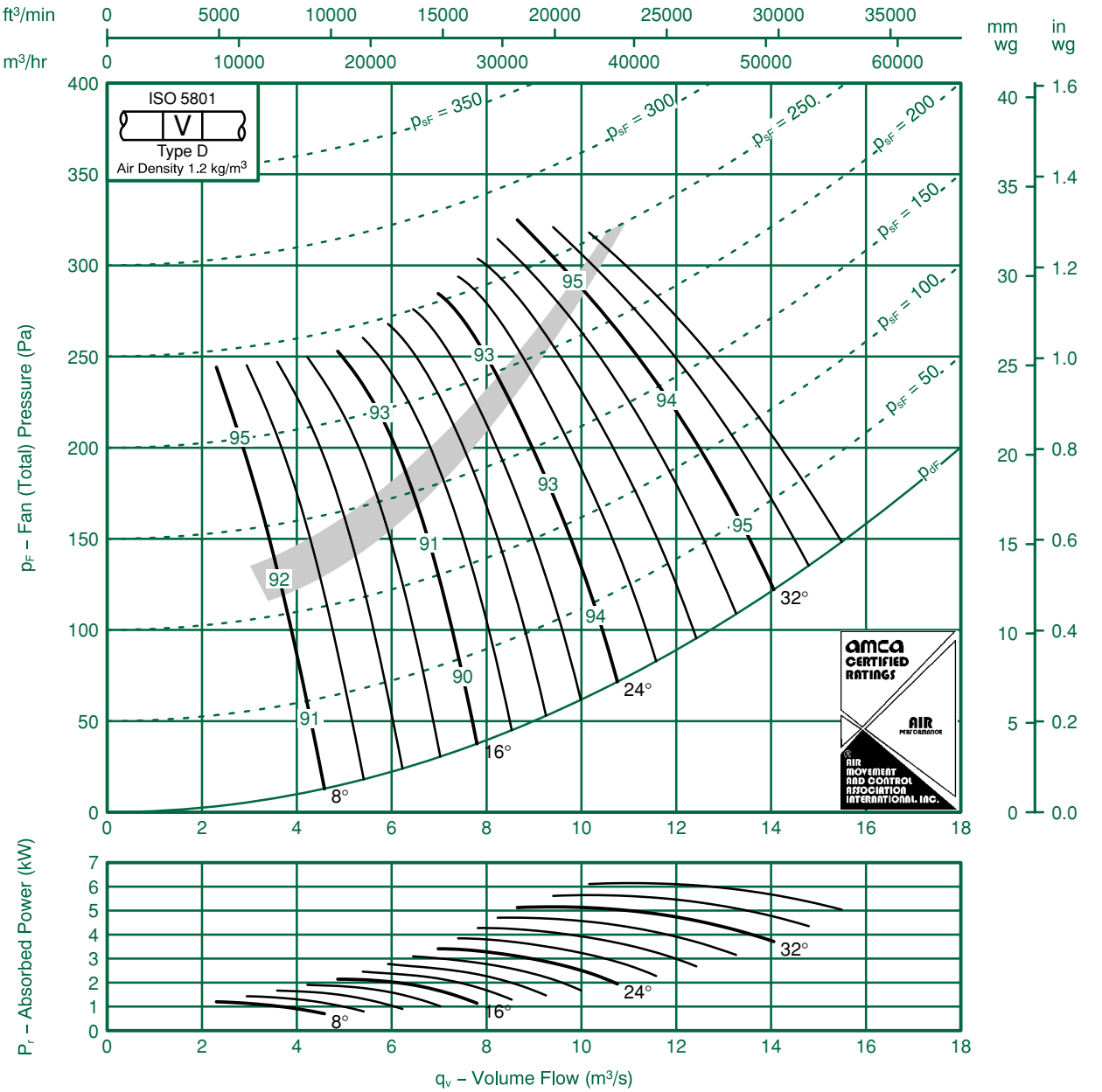

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16	—15 —14	—4 —2	—8 —10	—6 —8	—10 **—1**	—16 —14	—22 —19	—29 —27	16	—13 —12	—1 1	—7 —9	—6 —8	—10 **—1**	—14 —13	—19 —16	—27 —25
24 —36	—9 —10	—4 —3	—8 —9	—8 —9	**—1** **—1**	—14 —15	—18 —19	—22 —24	24 —36	—7 —7	—2 —1	—7 —8	—8 —9	—12 —12	—12 —12	—15 —16	—20 —22

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BS 5750 Pt 1
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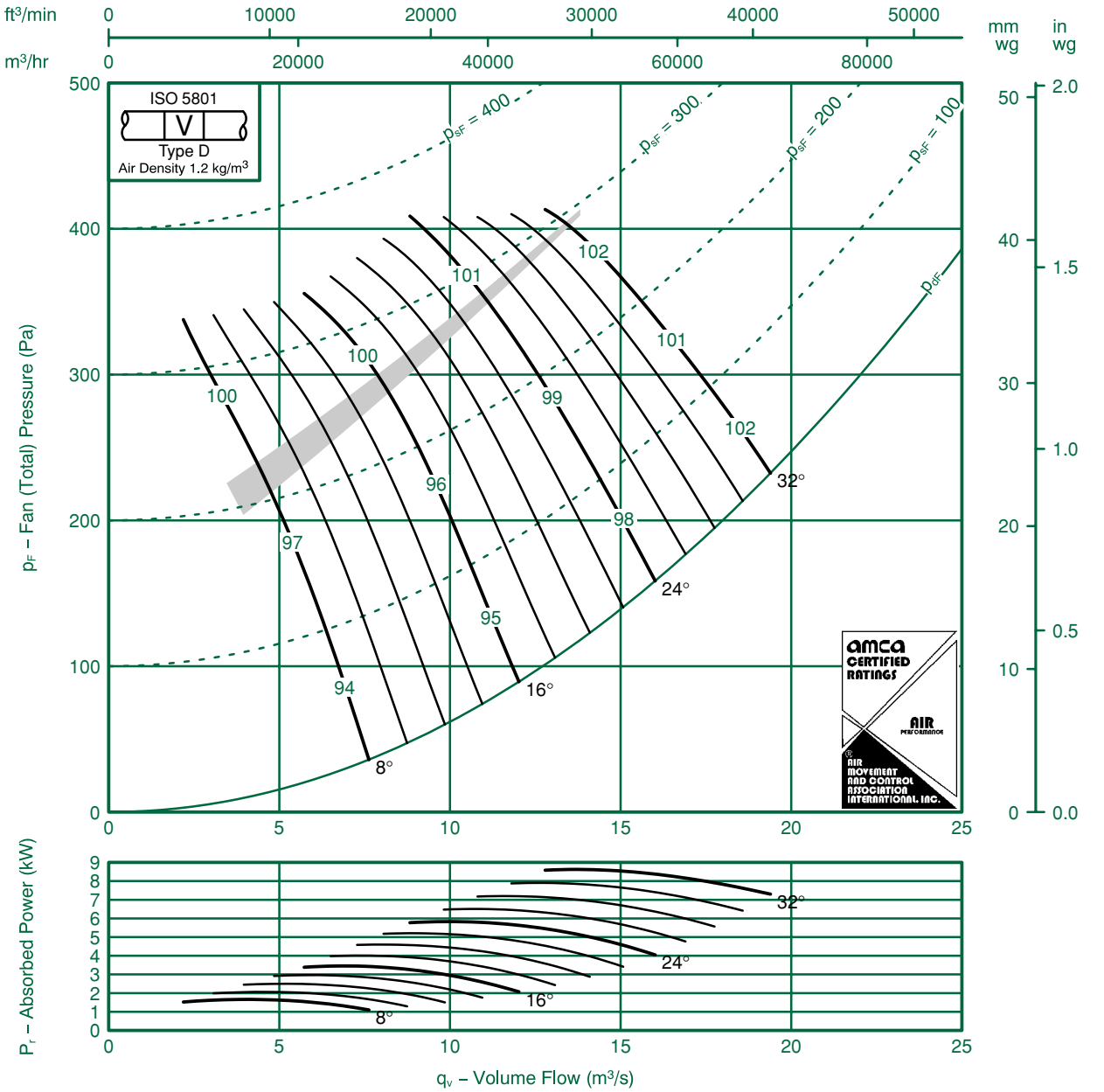

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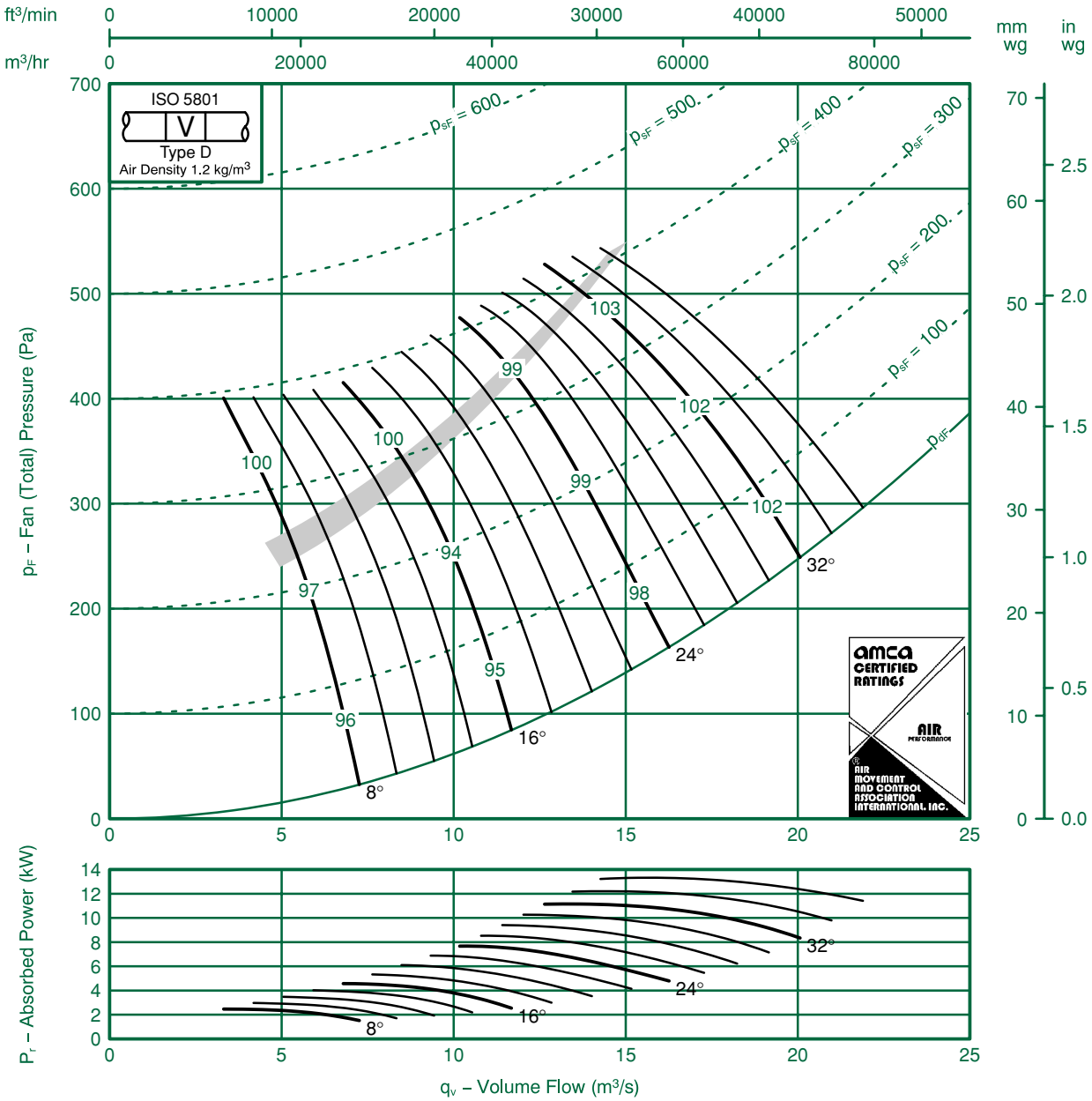

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16	—14 —12	—13 —7	—5 —7	—5 —8	—9 —9	—14 —1	—21 —16	—29 —24	16	—10 —7	—10 —4	—4 —5	—5 —7	—9 —9	—15 —1	—20 —14	—28 —22
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JM AEROFOIL

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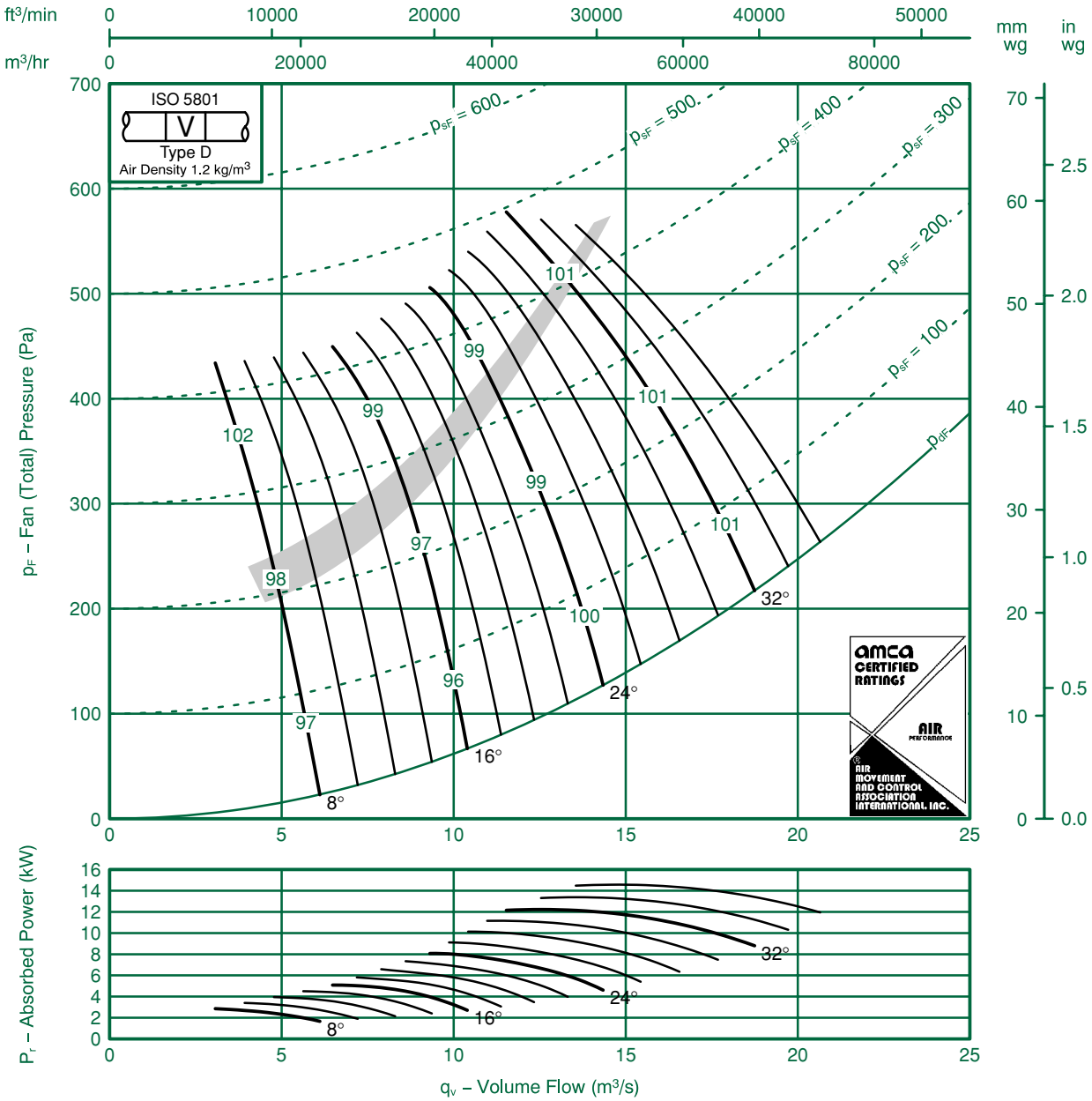

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16	—13 —12	—9 —8	—5 —4	—7 —8	—8 —9	—14 —13	—20 —17	—27 —24	16	—10 —9	—7 —7	—3 —1	—6 —8	—8 —9	—12 —1	—16 —14	—24 —21
24 —36	—7 —8	—8 —7	—6 —5	—8 —9	—10 —10	—14 —14	—16 —17	—21 —22	24 —36	—5 —6	—6 —5	—4 —3	—8 —9	—10 —10	—12 —12	—13 —14	—19 —20

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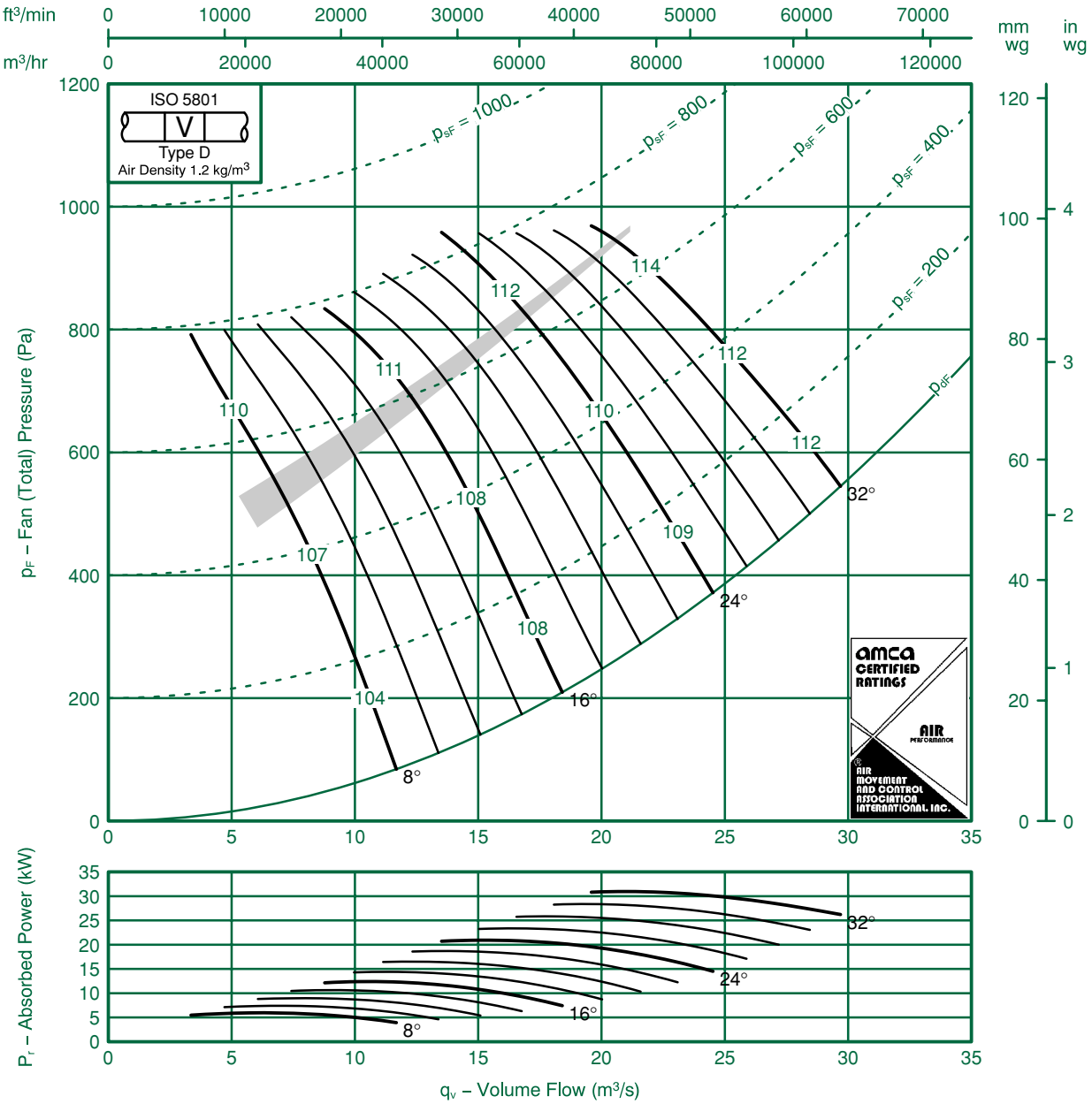

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—8 —6	—1 —8	—8 —10	—5 —8	—7 —7	—13 —10	—21 —15	—26 —20	8	—6 —5	—9 —6	—8 —9	—5 —8	—7 —7	—13 —10	—21 —16	—25 —19
16	—3 —2	—10 —9	—10 —9	—9 —12	—9 —14	—13 —16	—18 —19	—24 —23	16	—1 0	—8 —7	—10 —9	—9 —12	—9 —13	—13 —15	—19 —19	—23 —22
24 —32	—3 —3	—9 —9	—9 —8	—1 —1	—1 —13	—14 —15	—18 —19	—21 —22	24 —32	—1 —1	—7 —7	—8 —7	—1 —1	—1 —13	—13 —14	—18 —19	—20 —21

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 112JM/40/4/9/...
1120 mm 1470 rev/min 9 Blades 50 Hz

Performance Data ISO 5801: The AMCA Certified Ratings Seal applies to air performance only

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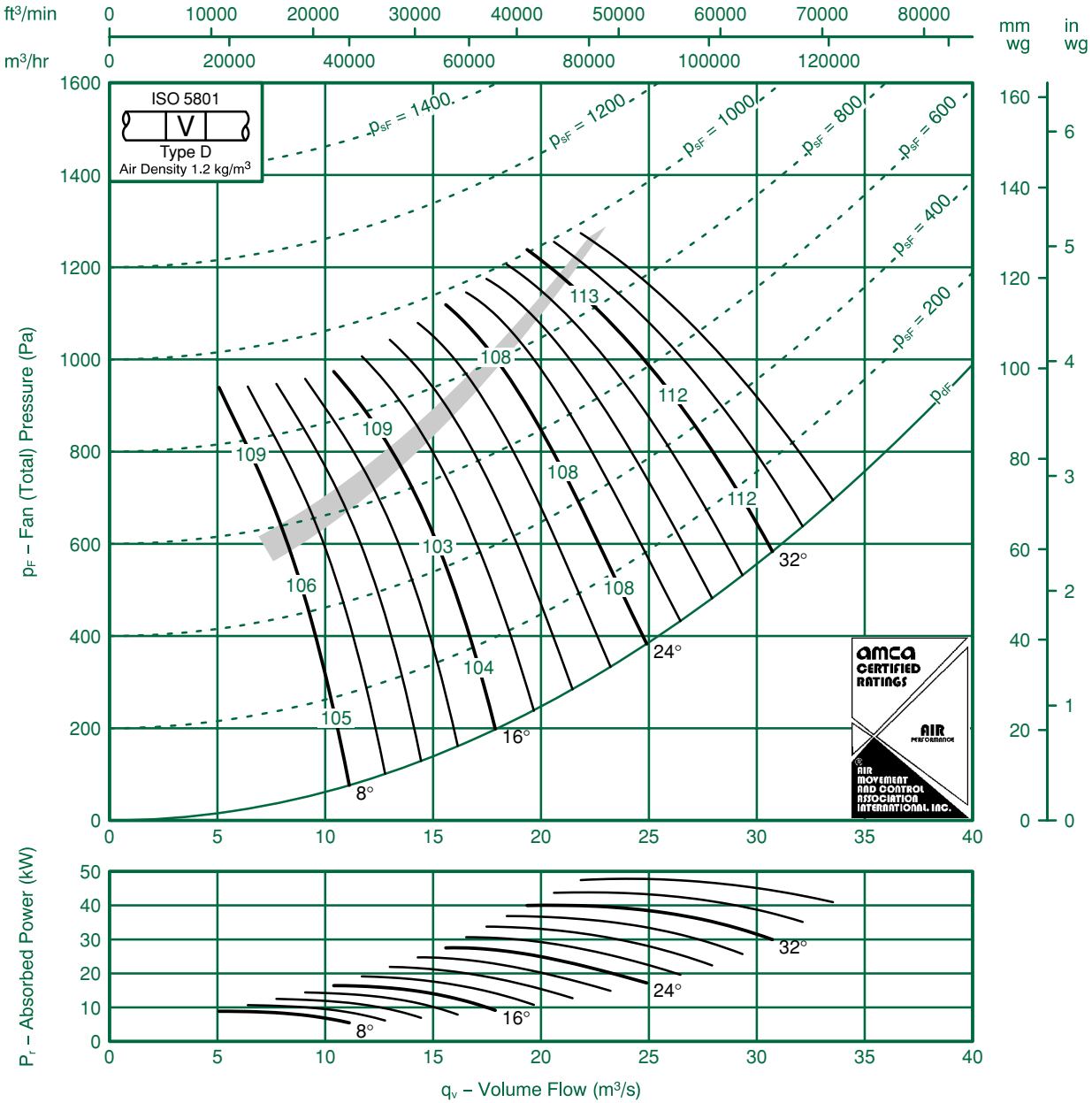

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Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—15 —13	—14 —17	—7 —8	—4 —8	—6 —4	—12 —8	—19 —13	—26 —20	8	—12 —9	—1 —14	—6 —6	—4 —7	—6 —5	—12 —8	—18 —12	—25 —18
16	—15 —12	—14 —12	—7 —6	—4 —7	—6 —7	—10 —9	—16 —1	—24 —18	16	—1 —7	—1 —9	—6 —4	—5 —7	—7 —8	—1 —9	—16 —10	—24 —17
24 —36	—7 —7	—9 —8	—8 —6	—6 —6	—10 —1	—13 —14	—15 —15	—19 —19	24 —36	—4 —4	—6 —5	—6 —4	—5 —5	—10 —10	—13 —13	—14 —14	—18 —18

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 112JM/50/4/12/...
1120 mm 1470 rev/min 12 Blades 50 Hz

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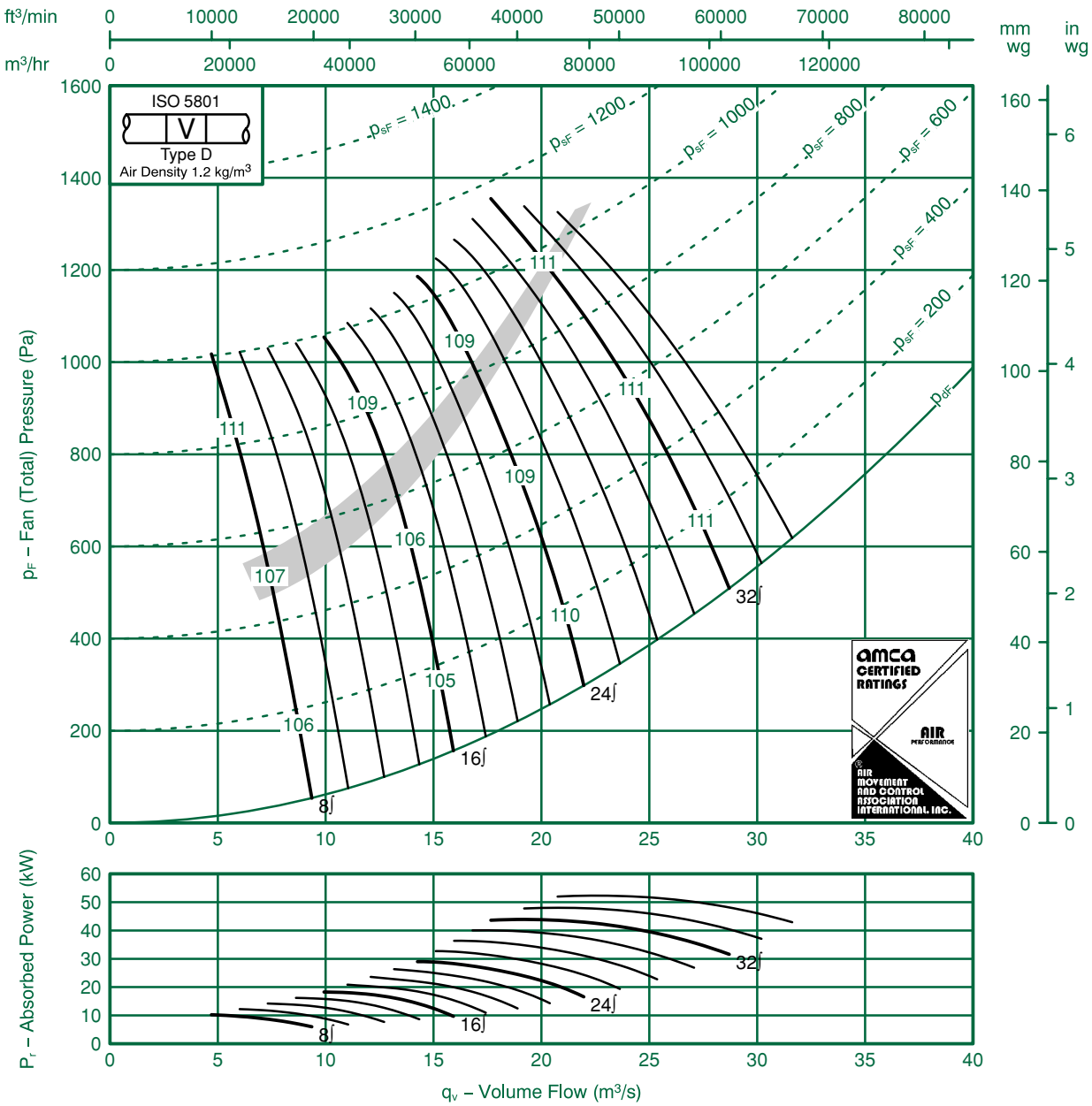

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Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
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8	—17 —16	—18 —17	—5 —5	—8 —8	—5 —5	—9 —10	—16 —15	—21 —19	8	—13 —13	—17 —16	—3 —3	—8 —8	—4 —5	—7 —7	—13 —12	—19 —17
16	—1 —1	—15 —14	—5 —3	—8 —10	—6 —8	—10 —1	—16 —14	—22 —19	16	—8 —8	—13 —12	—3 —1	—7 —9	—6 —8	—8 —9	—13 —12	—19 —17
24 —36	—6 —7	—10 —10	—5 —4	—9 —10	—9 —10	—12 —12	—15 —15	—19 —19	24 —36	—4 —5	—8 —8	—4 —3	—8 —9	—9 —10	—10 —10	—12 —12	—16 —17

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 125JM/40/10/6/...
1250 mm 575 rev/min 6 Blades 50 Hz

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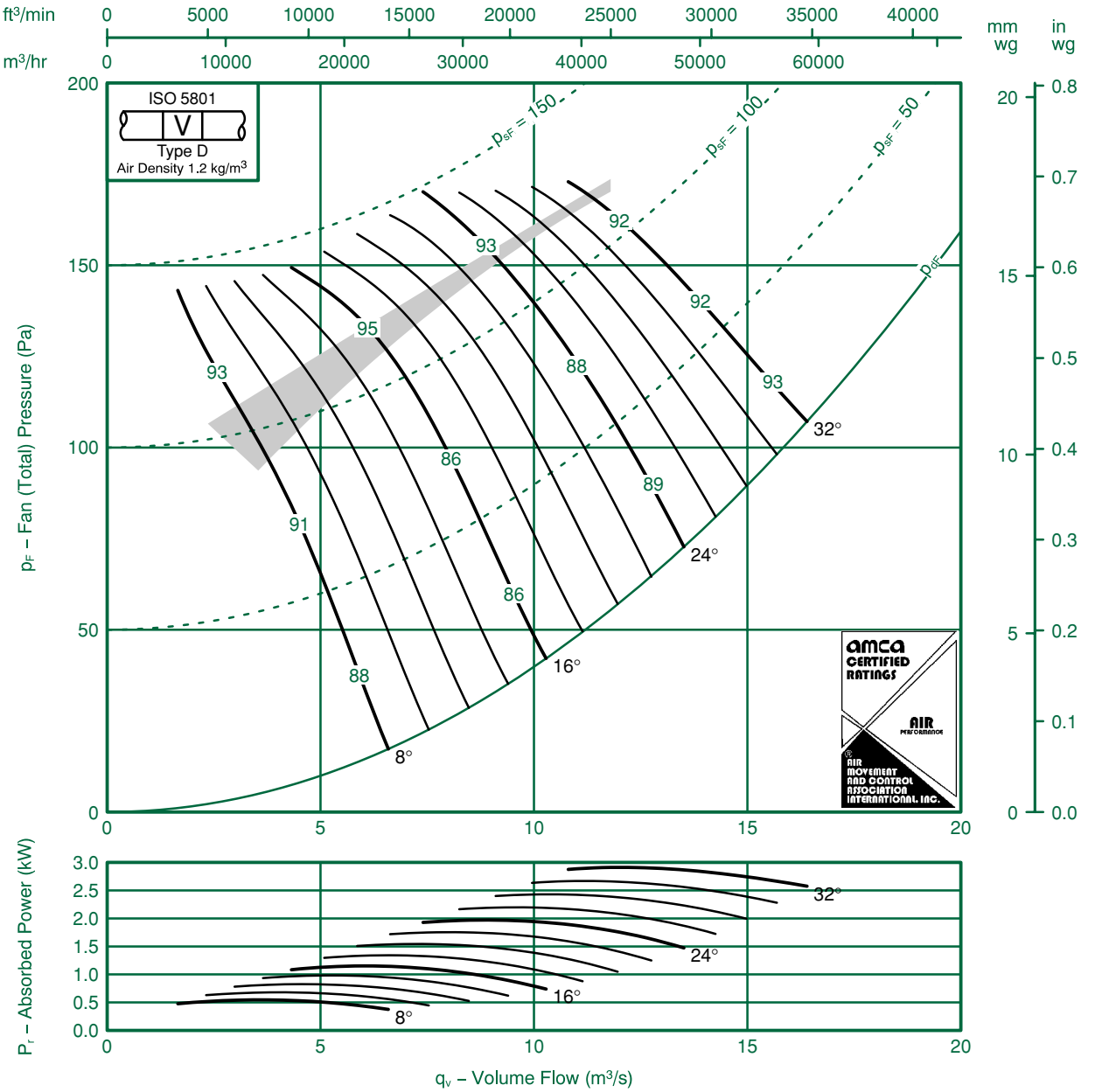

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8	—1 —14	—4 —10	—4 —4	—9 —5	—17 —1	—23 —16	—27 —21	—32 —31	8	—8 —1	—4 —9	—4 —4	—9 —5	—17 —1	—22 —16	—28 —21	—31 —30
16	—1 —6	—8 —5	—4 —8	—6 —8	—1 —1	—17 —14	—23 —19	—28 —26	16	—8 —4	—7 —4	—4 —9	—6 —8	—1 —1	—17 —14	—24 —19	—27 —25
24 —32	—8 —6	—6 —4	—6 —9	—6 —9	—13 —13	—17 —15	—20 —18	—22 —22	24 —32	—6 —3	—5 —3	—6 —9	—6 —9	—13 —13	—16 —15	—20 —18	—21 —21

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 125JM/40/10/9/...
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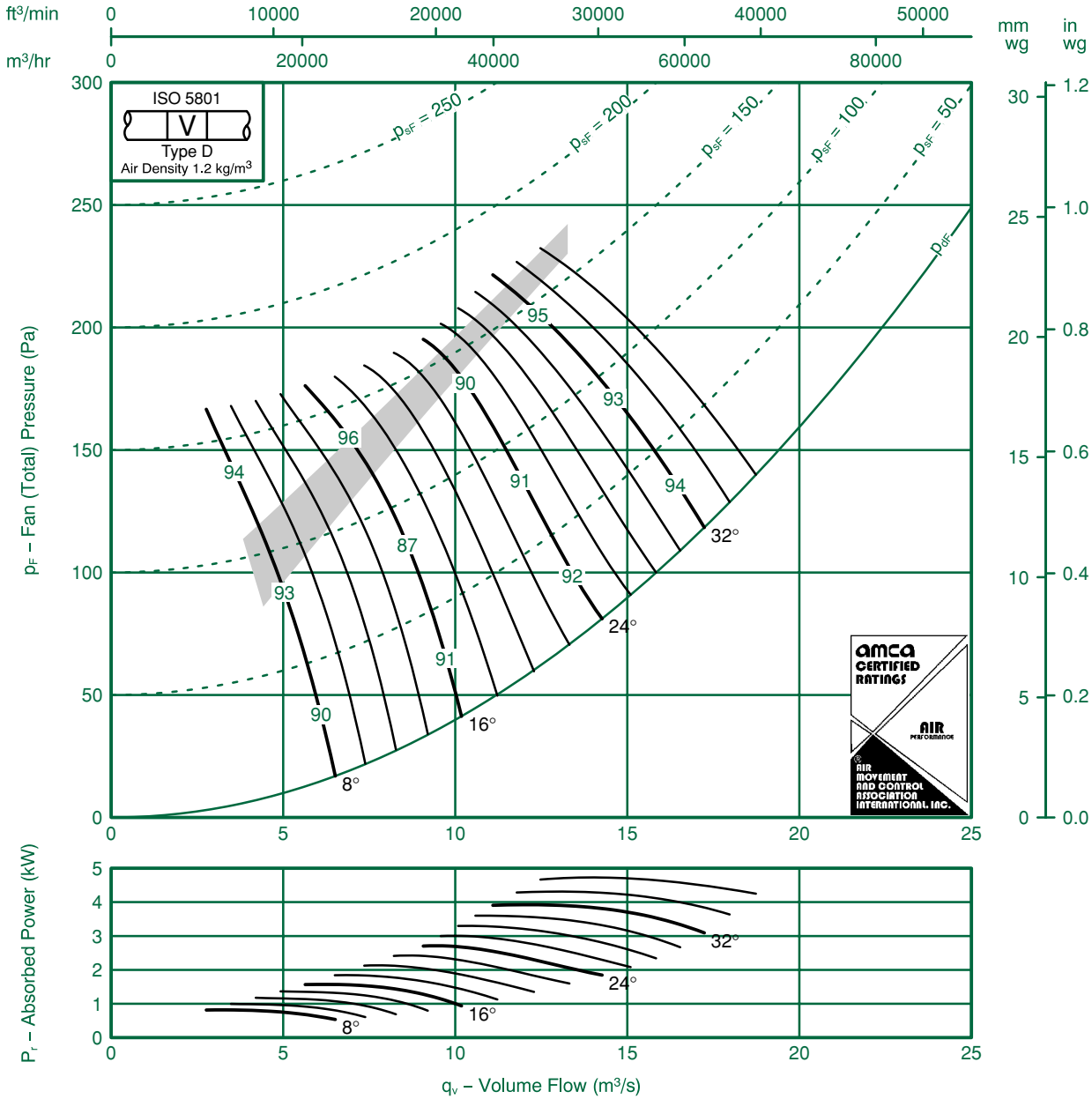

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8	—14 —14	—6 —10	—3 —5	—7 —4	—15 —1	—23 —16	—29 —21	—36 —32	8	—1 —1	—4 —8	—3 —5	—6 —3	—15 —1	—23 —16	—28 —20	—34 —30
16	—15 —8	—7 —9	—4 —6	—6 —5	—14 —9	—22 —14	—29 —19	—34 —27	16	—12 —5	—4 —7	—3 —5	—6 —5	—15 —10	—22 —14	—28 —18	—34 —26
24 —36	—7 —6	—7 —7	—6 —7	—7 —7	—12 —12	—15 —13	—22 —18	—25 —24	24 —36	—4 —2	—4 —4	—5 —6	—6 —6	—12 —1	—14 —12	—21 —18	—24 —23

JM AEROFOIL

BS 5750 Pt 1
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Fan Code: 125JM/50/10/12/...
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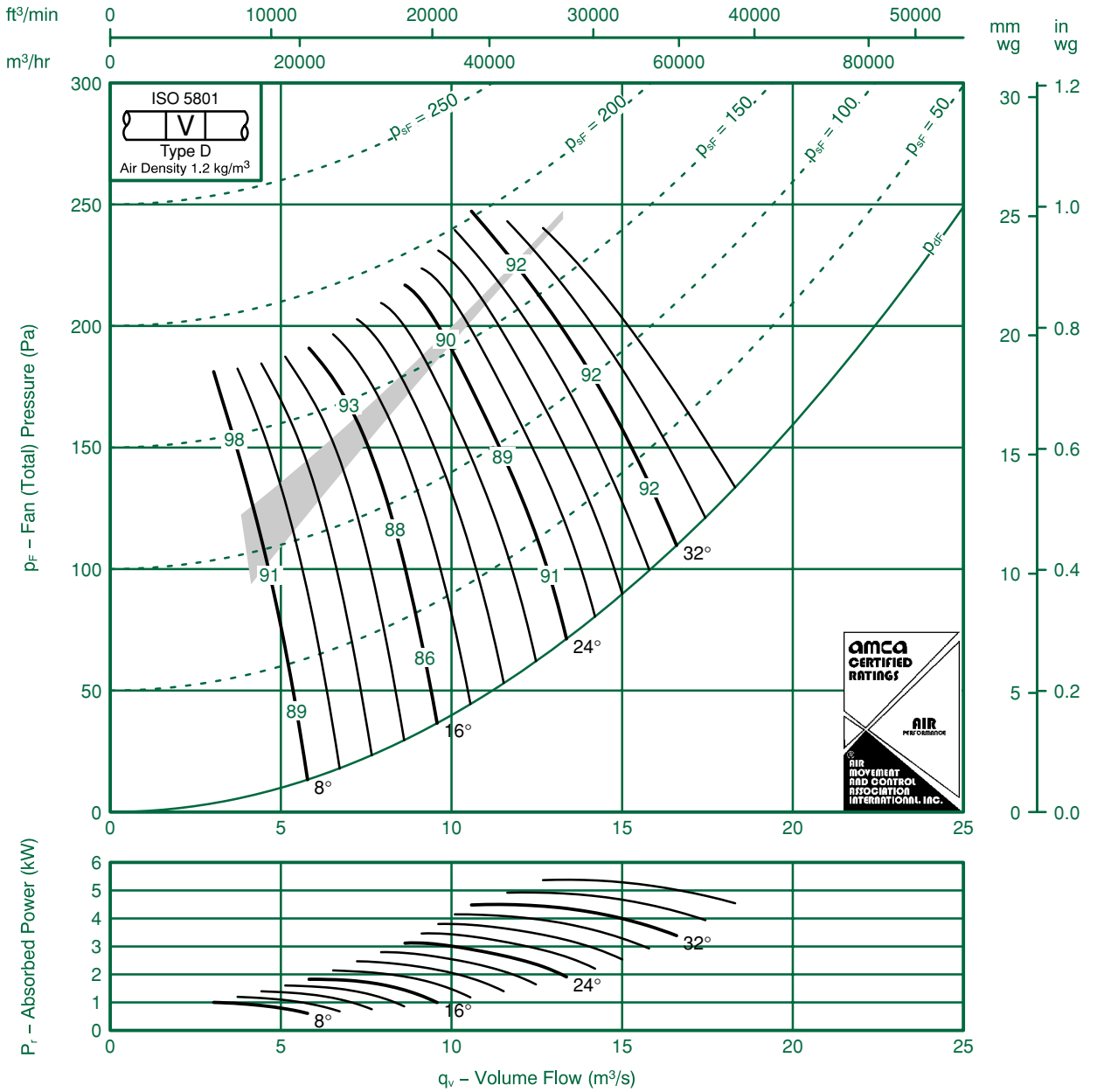

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16	—14 —13	—5 —3	—6 —9	—5 —8	—1 —12	—19 —16	—25 —21	—33 —29	16	—1 —10	—3 1	—5 —9	—5 —8	—1 —12	—17 —15	—22 —18	—30 —27
24 —36	—9 —9	—4 —4	—7 —8	—7 —8	—12 —12	—15 —15	—19 —19	—23 —24	24 —36	—7 —6	—2 —1	—7 —8	—7 —8	—12 —12	—13 —13	—16 —17	—21 —22

JM AEROFOIL

BS 5750 Pt 1
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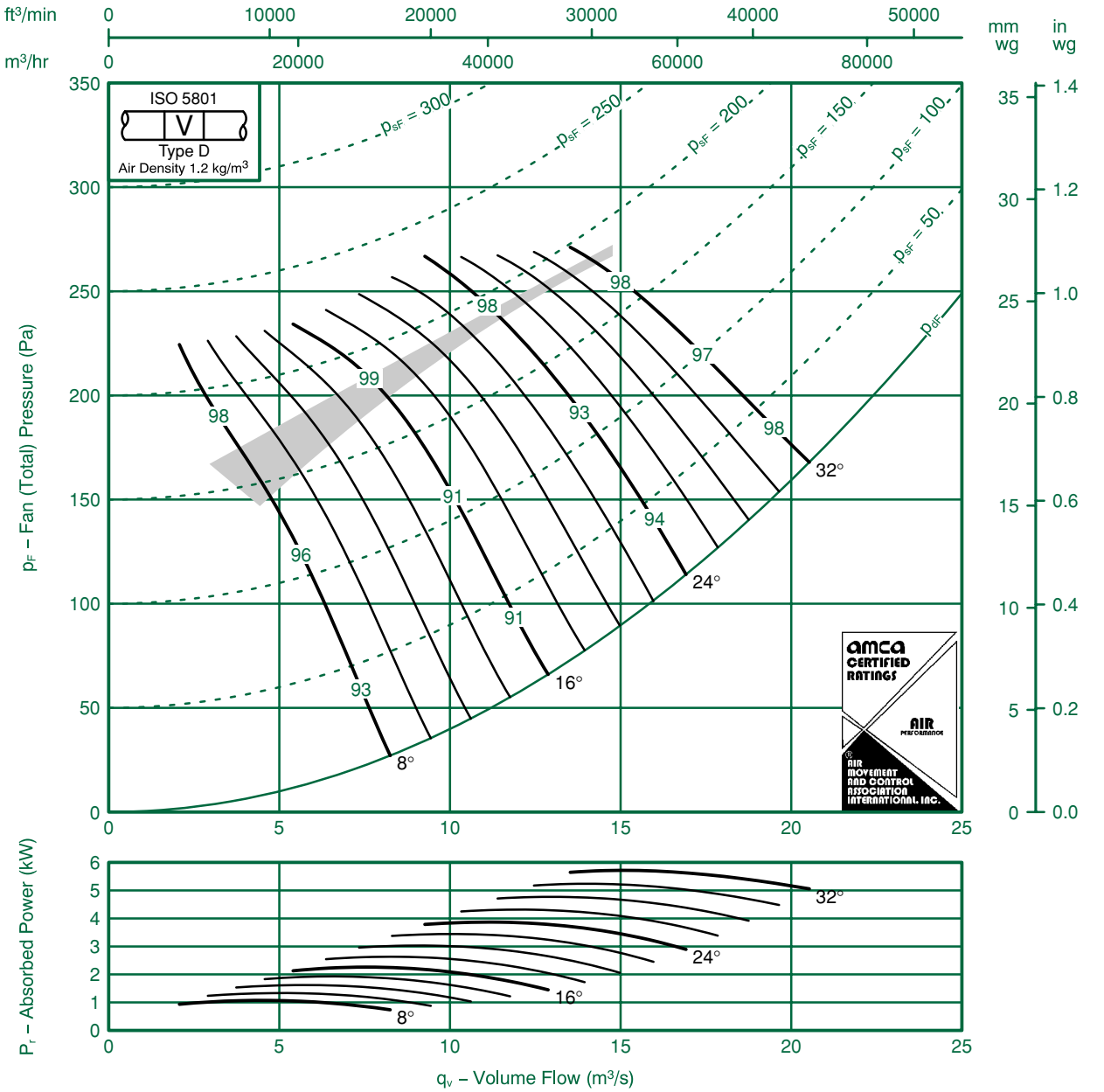

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24 —32	—9 —6	—7 —4	—7 —8	—5 —9	—12 —12	—16 —15	—19 —17	—21 —21	24 —32	—6 —4	—5 —3	—7 —9	—5 —9	—12 —12	—15 —14	—19 —17	—20 —20

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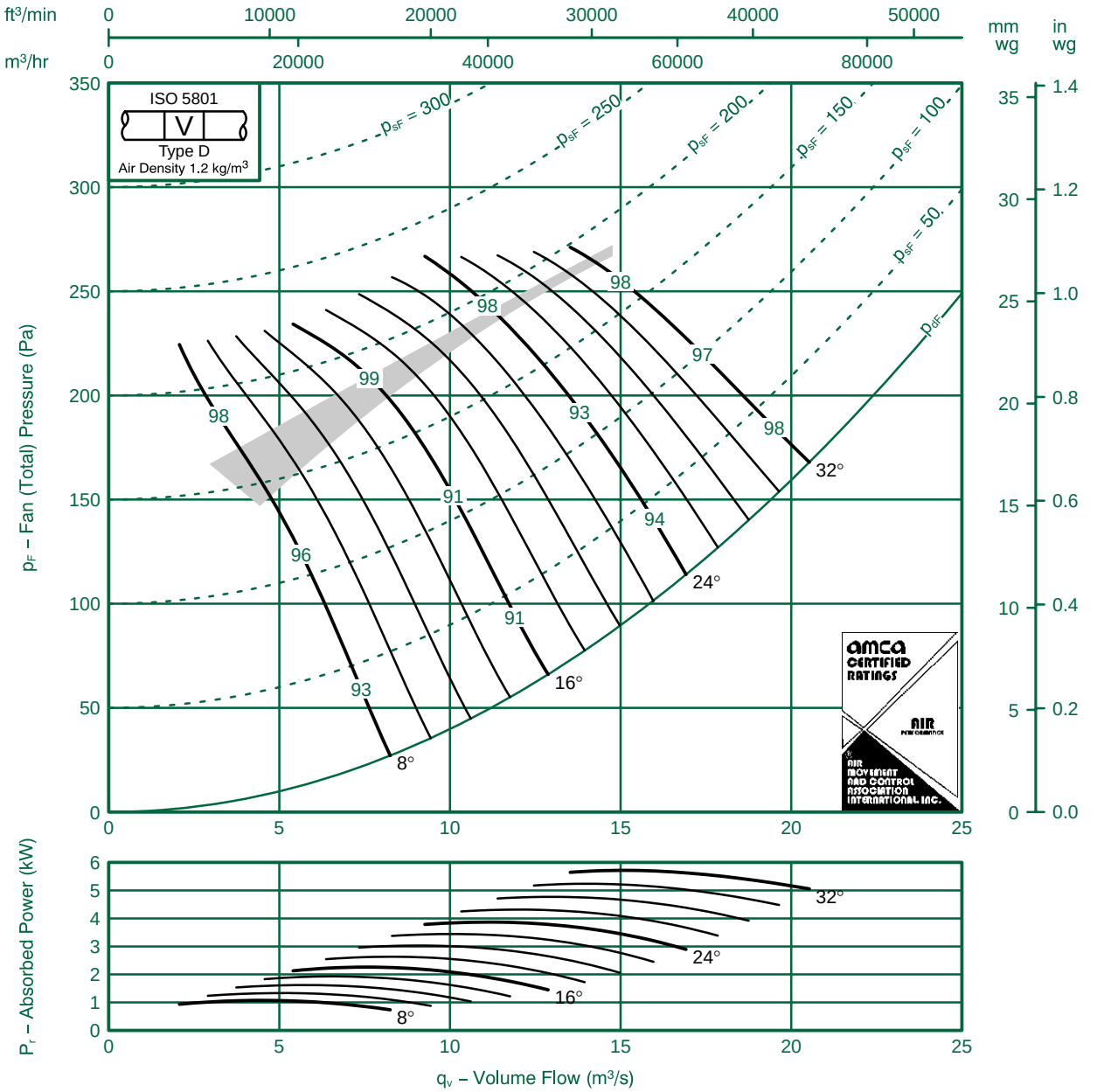

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16	—1 —7	—9 —5	—6 —8	—4 —8	—9 —10	—15 —13	—22 —16	—26 —24	16	—9 —5	—8 —3	—5 —8	—4 —8	—9 —10	—15 —13	—22 —17	—25 —23
24 —32	—9 —6	—7 —4	—7 —8	—5 —9	—12 —12	—16 —15	—19 —17	—21 —21	24 —32	—6 —4	—5 —3	—7 —9	—5 —9	—12 —12	—15 —14	—19 —17	—20 —20

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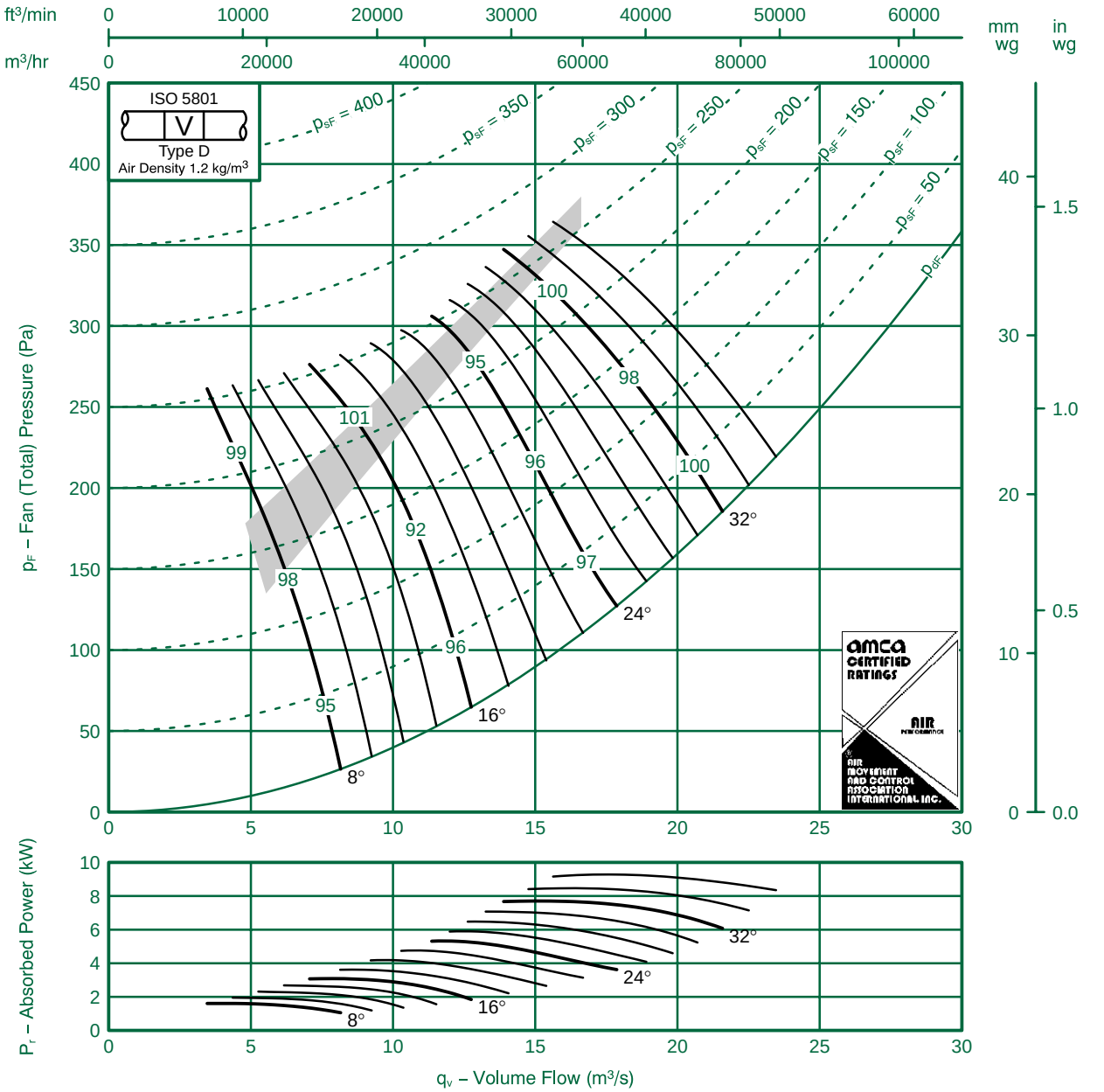

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16	—19 —15	—8 —7	—5 —8	—4 —4	—1 —8	—19 —12	—27 —17	—32 —25	16	—14 —1	—5 —3	—4 —7	—5 —4	—13 —9	—20 —13	—26 —16	—32 —23
24 —36	—9 —8	—6 —5	—6 —7	—7 —7	—12 —1	—14 —13	—20 —16	—24 —23	24 —36	—6 —5	—3 —2	—5 —6	—5 —6	—1 —10	—13 —12	—19 —15	—23 —22

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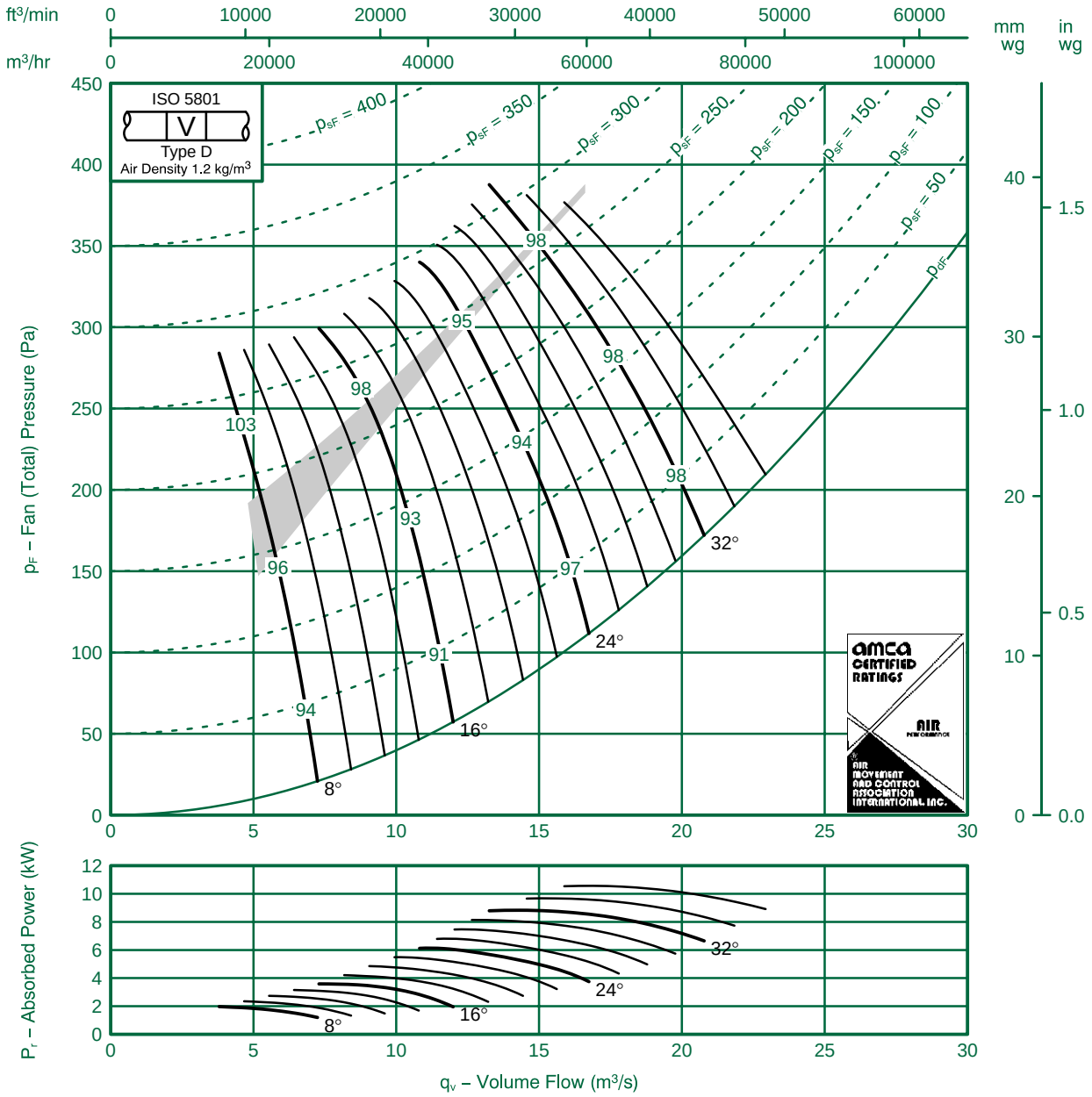

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24 —36	—9 —9	—5 —4	—7 —9	—7 —8	**—1** **—1**	—14 —14	—18 —18	—22 —23	24 —36	—7 —7	—3 —2	—7 —8	—7 —8	**—1** **—1**	—12 —12	—15 —15	—20 —21

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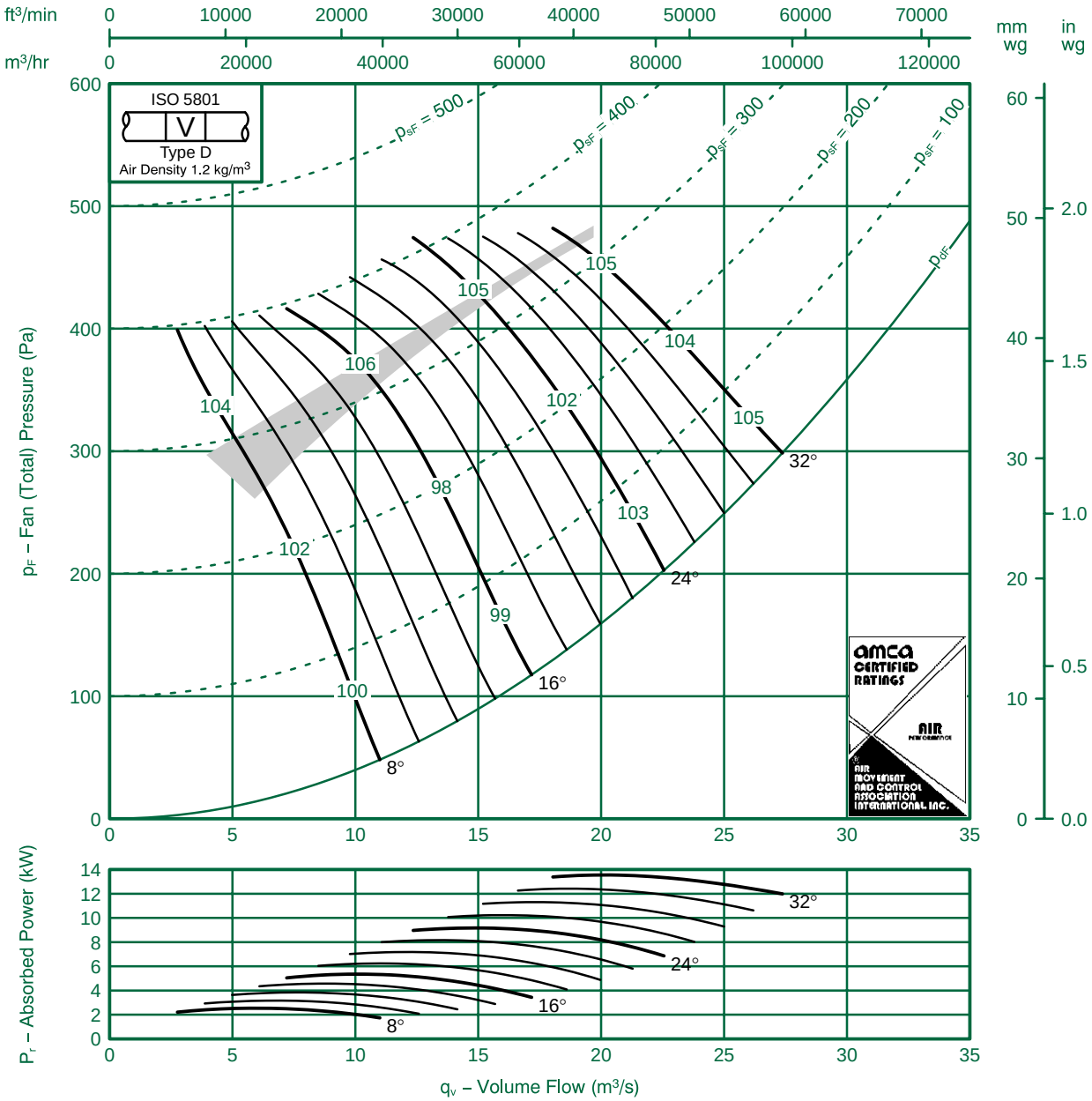

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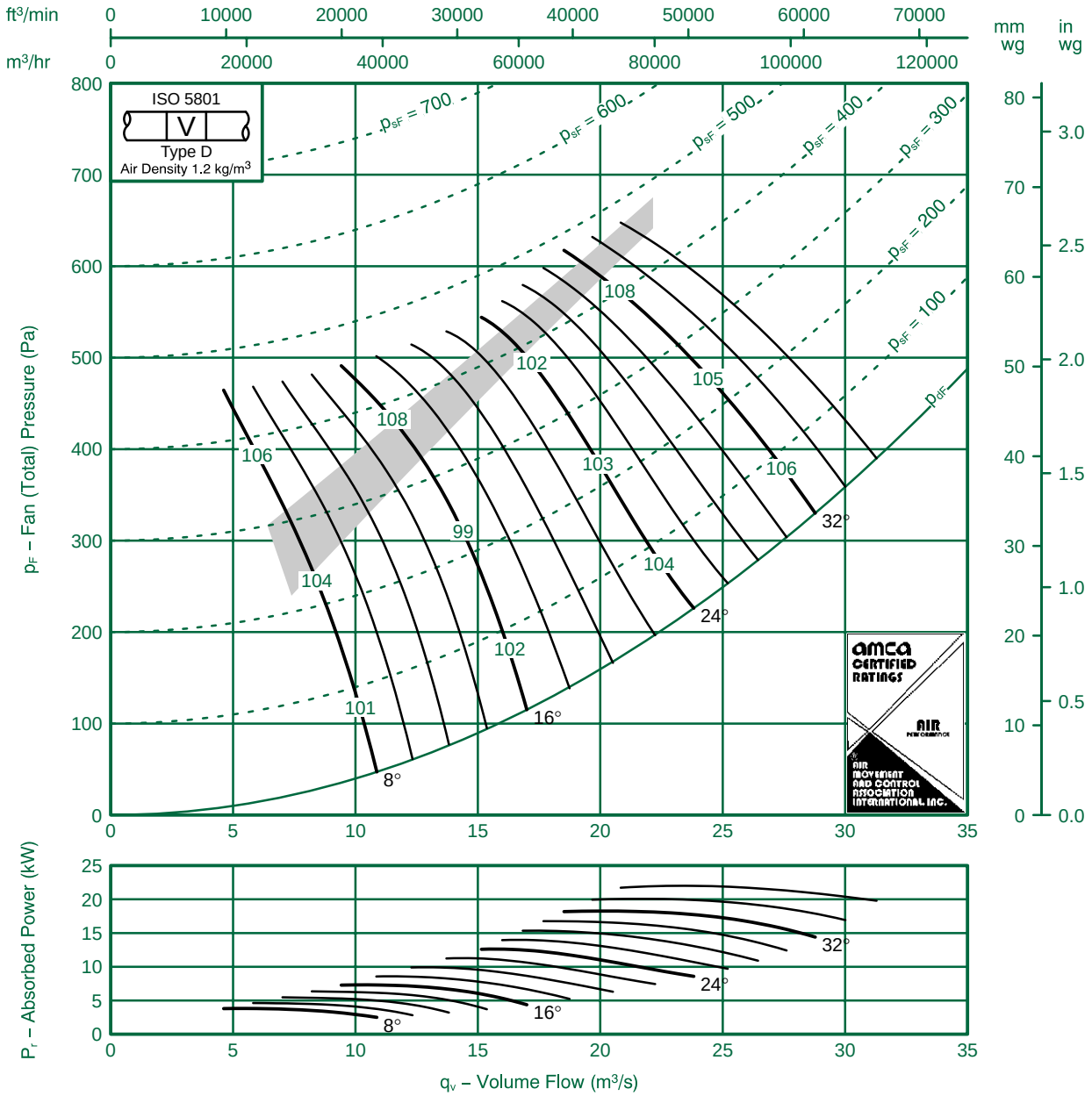

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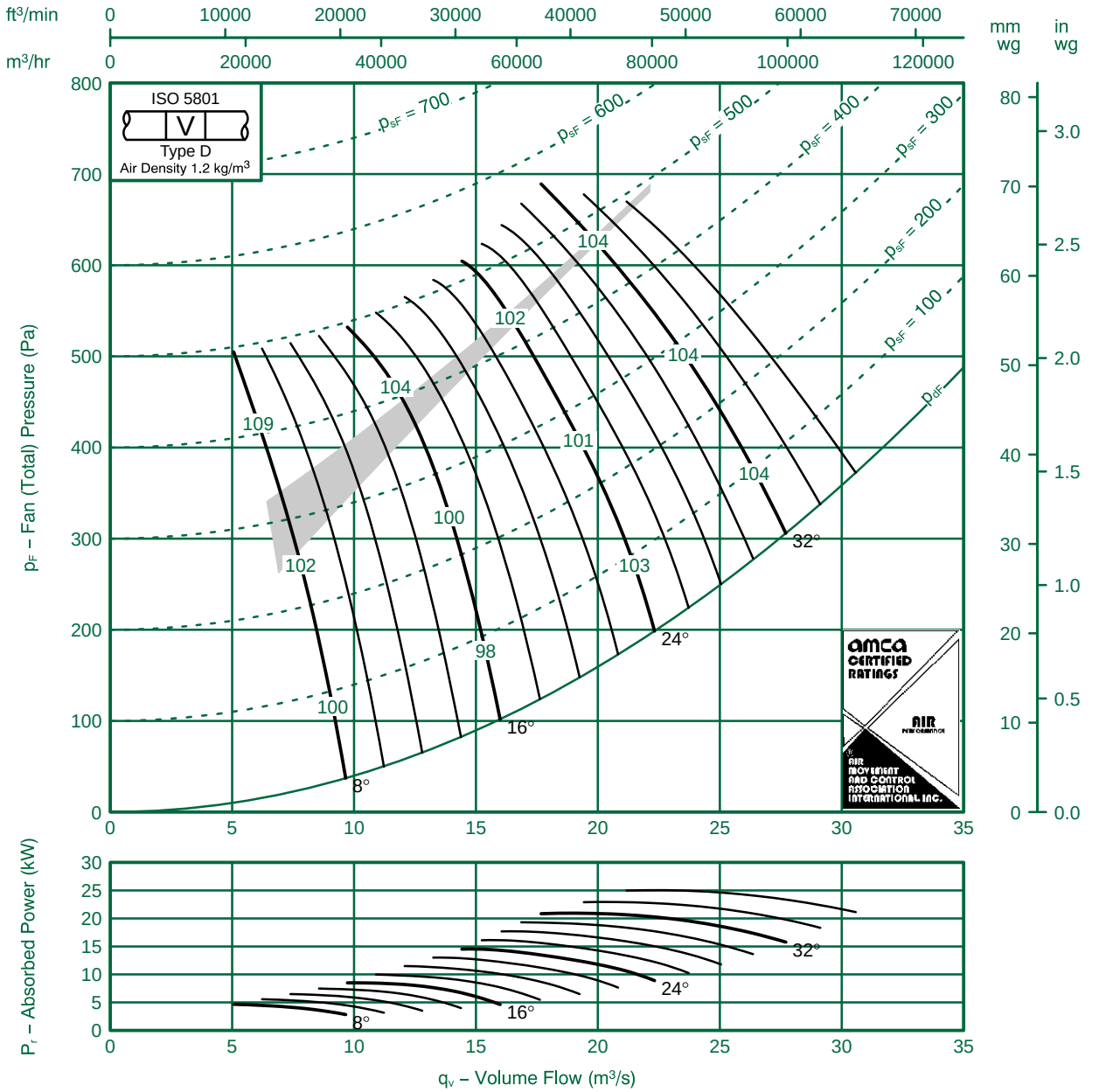

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—20 —17	—**1** —9	—7 —5	—4 —6	—7 —8	—14 —14	—20 —18	—28 —24	8	—15 —13	—9 —8	—5 —3	—6 —7	—7 —7	—12 —**1**	—17 —15	—26 —22
16	—14 —12	—10 —8	—6 —4	—5 —8	—6 —9	—14 —13	—21 —18	—28 —24	16	—**1** —9	—9 —6	—4 —1	—5 —8	—6 —9	—12 —**1**	—17 —14	—25 —22
24 —36	—7 —7	—9 —8	—6 —5	—7 —8	—9 —10	—14 —13	—16 —16	—21 —22	24 —36	—5 —5	—7 —6	—4 —3	—7 —8	—10 —10	—12 —**1**	—13 —13	—19 —19

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 125JM/40/4/6/...
1250 mm 1470 rev/min 6 Blades 50 Hz

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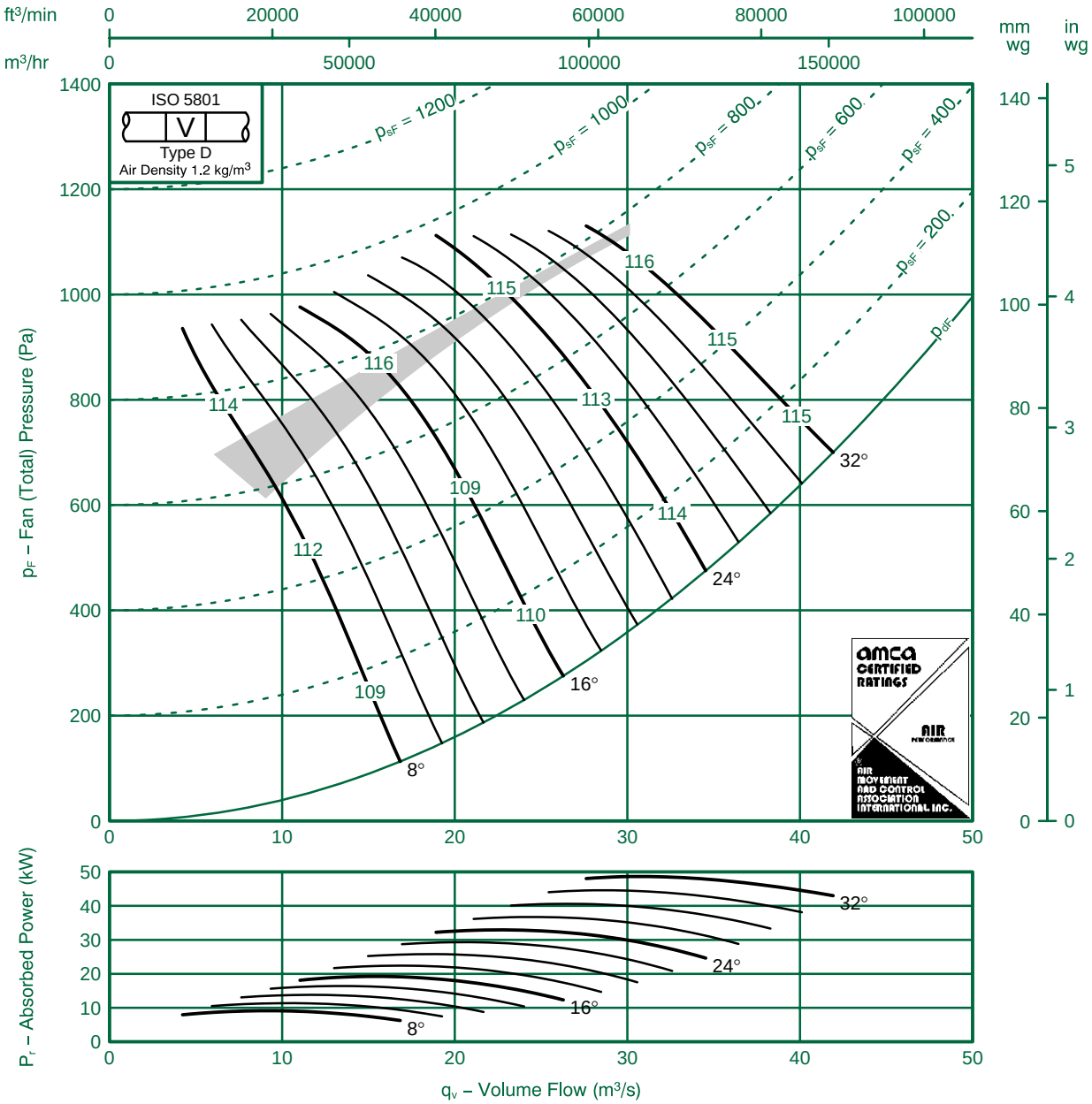

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Inlet Levels									Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—**1** —9	—15 —15	—6 —**1**	—4 —5	—7 —5	—15 —9	—21 —16	—26 —19	8	—10 —8	—13 —13	—5 —**1**	—4 —5	—7 —5	—14 —9	—22 —16	—25 —18
16	—6 —3	—12 —10	—10 —8	—7 —**1**	—5 —**1**	—10 —13	—16 —16	—22 —19	16	—4 —1	—**1** —8	—9 —7	—7 —**1**	—5 —**1**	—10 —13	—17 —17	—21 —18
24 —32	—5 —3	—10 —9	—8 —7	—9 —**1**	—6 —12	—13 —14	—17 —18	—20 —20	24 —32	—3 —1	—9 —7	—7 —6	—9 —**1**	—6 —12	—13 —14	—17 —18	—19 —19

JM AEROFOIL

BS 5750 Pt 1
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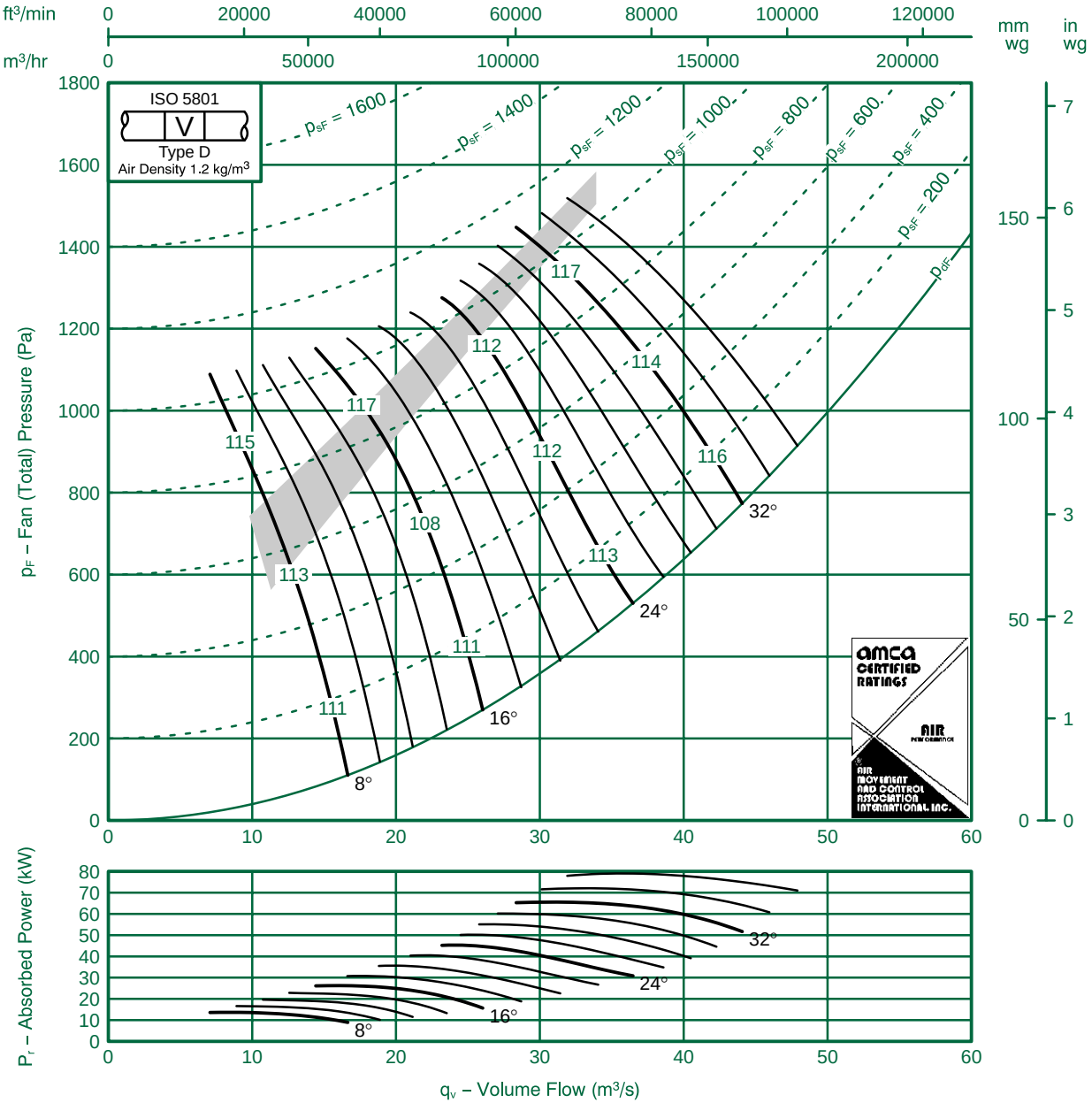

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Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—22 —17	—18 —23	—8 —10	—5 —9	—4 —2	—12 —9	—20 —15	—27 —19
16	—24 —18	—19 —16	—8 —7	—5 —8	—4 —5	—**1** —8	—19 —12	—27 —16
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Outlet Levels								
Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—20 —14	—16 —20	—7 —9	—4 —9	—4 —3	—12 —9	—19 —14	—25 —17
16	—20 —14	—16 —13	—6 —5	—6 —8	—6 —6	—12 —9	—18 —**1**	—26 —15
24 —36	—6 —5	—6 —6	—5 —4	—6 —6	—7 —7	—12 —**1**	—14 —12	—19 —15

JM AEROFOIL

BS 5750 Pt 1
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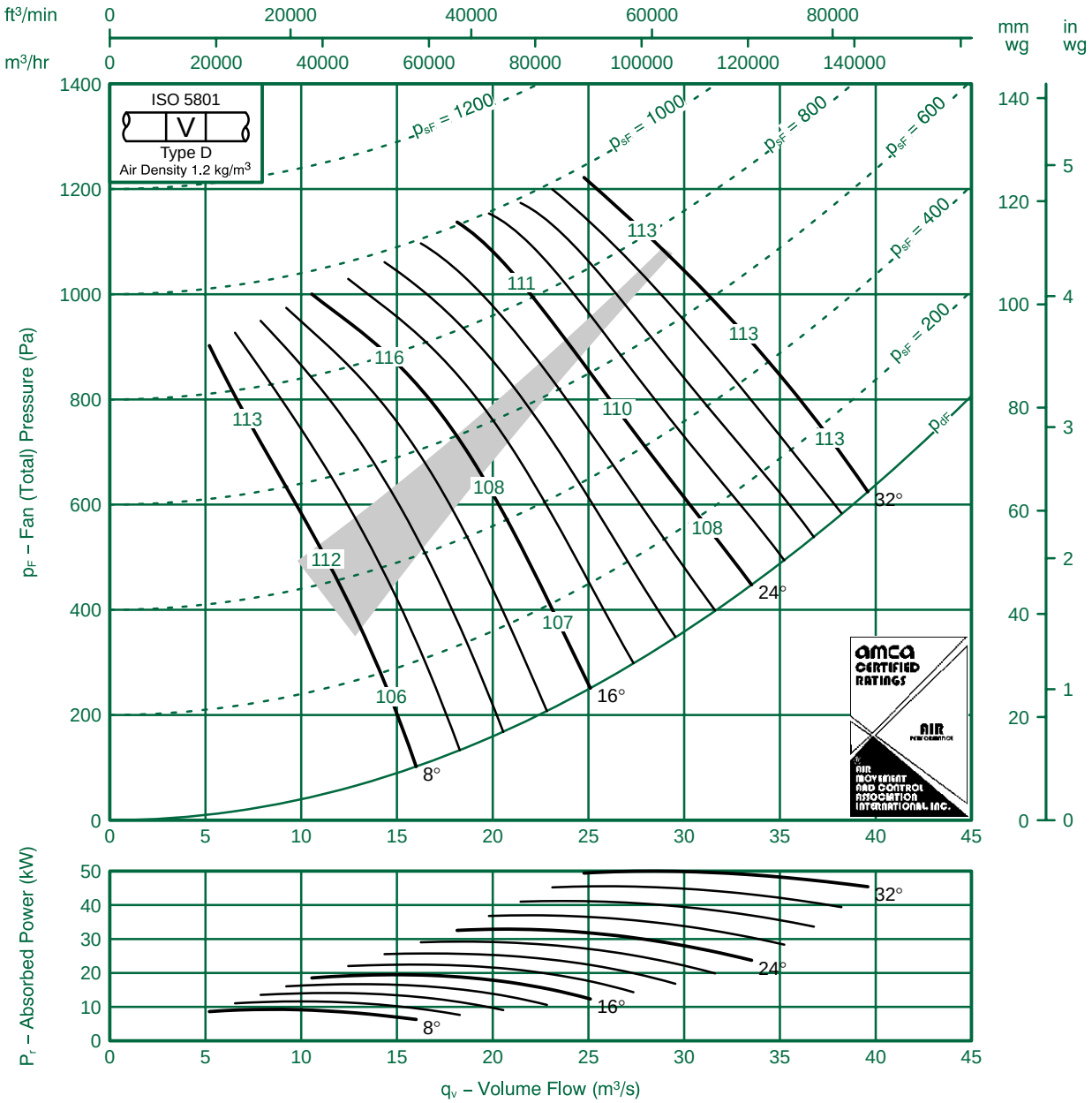

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8	—18 —14	—**1** —8	—10 —8	—**1** —8	—2 —5	—10 —9	—19 —13	—24 —15	8	—16 —12	—9 —6	—9 —8	—**1** —8	—1 —4	—10 —9	—18 —12	—23 —13
16	—17 —10	—10 —5	—8 —5	—6 —10	—4 —**1**	—12 —12	—17 —16	—23 —19	16	—15 —8	—8 —4	—8 —5	—6 —9	—5 —12	—12 —12	—17 —16	—23 —19
24 —32	—7 —6	—6 —7	—7 —7	—9 —9	—9 —10	—13 —13	—15 —15	—17 —17	24 —32	—4 —3	—5 —5	—7 —7	—8 —9	—10 —**1**	—12 —12	—13 —14	—17 —17

JM AEROFOIL

BS 5750 Pt 1
EN 29001
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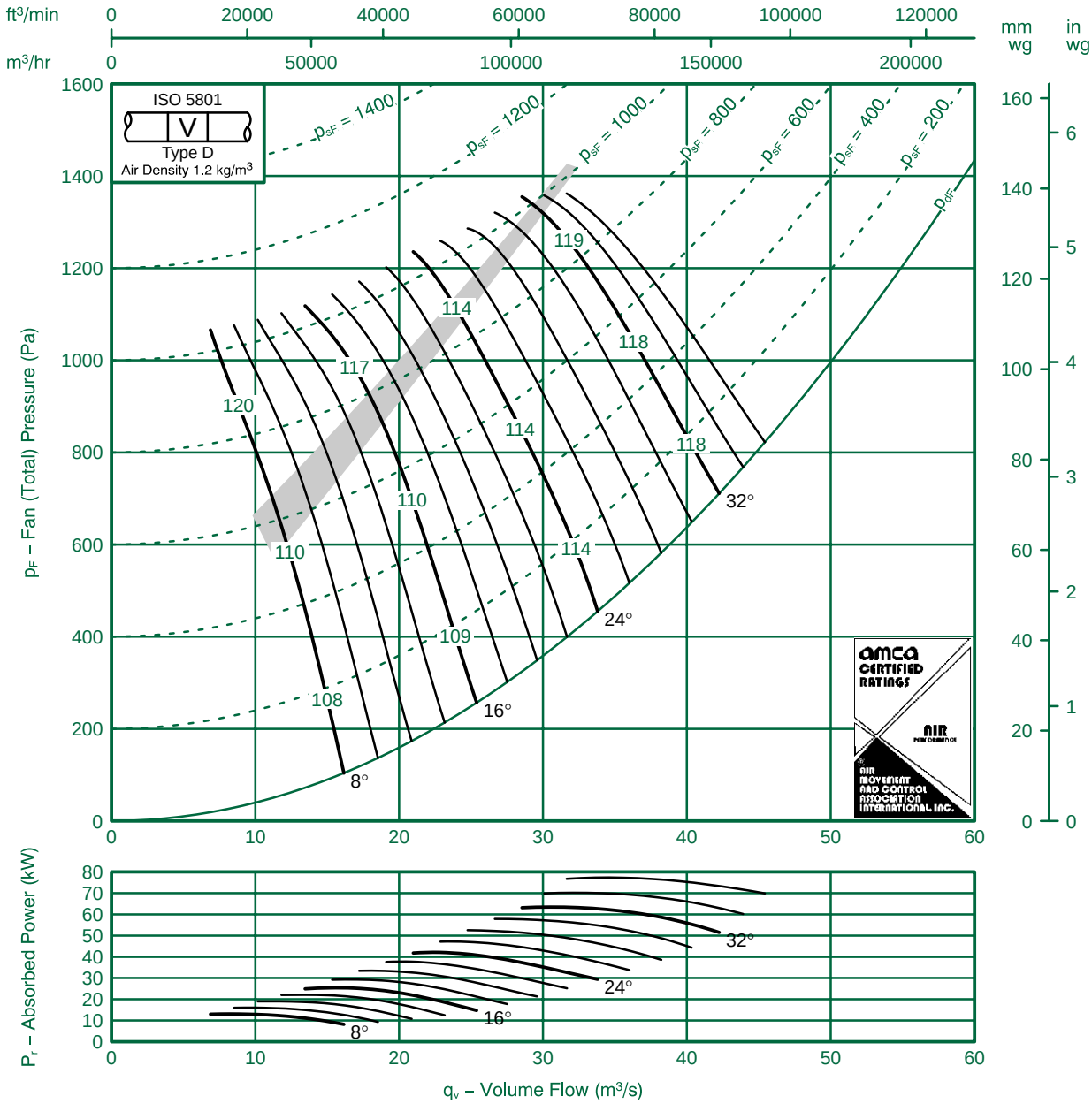

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24 —36	—8 —10	—9 —8	—6 —3	—9 —10	—9 **—1**	—13 —13	—17 —17	—20 —20

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Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k
8	—18 —12	—13 —9	—9 —4	—6 —9	—3 —5	—8 —8	—15 —12	—22 —14
16	—14 —10	**—1** —8	—4 —1	—4 —9	—6 —9	—12 **—1**	—17 —13	—24 —16
24 —36	—4 —6	—7 —7	—4 —1	—8 —8	—9 —10	—12 —12	—16 —15	—19 —19

JM AEROFOIL

BS 5750 Pt 1
EN 29001
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Fan Code: 125JM/50/4/12/...
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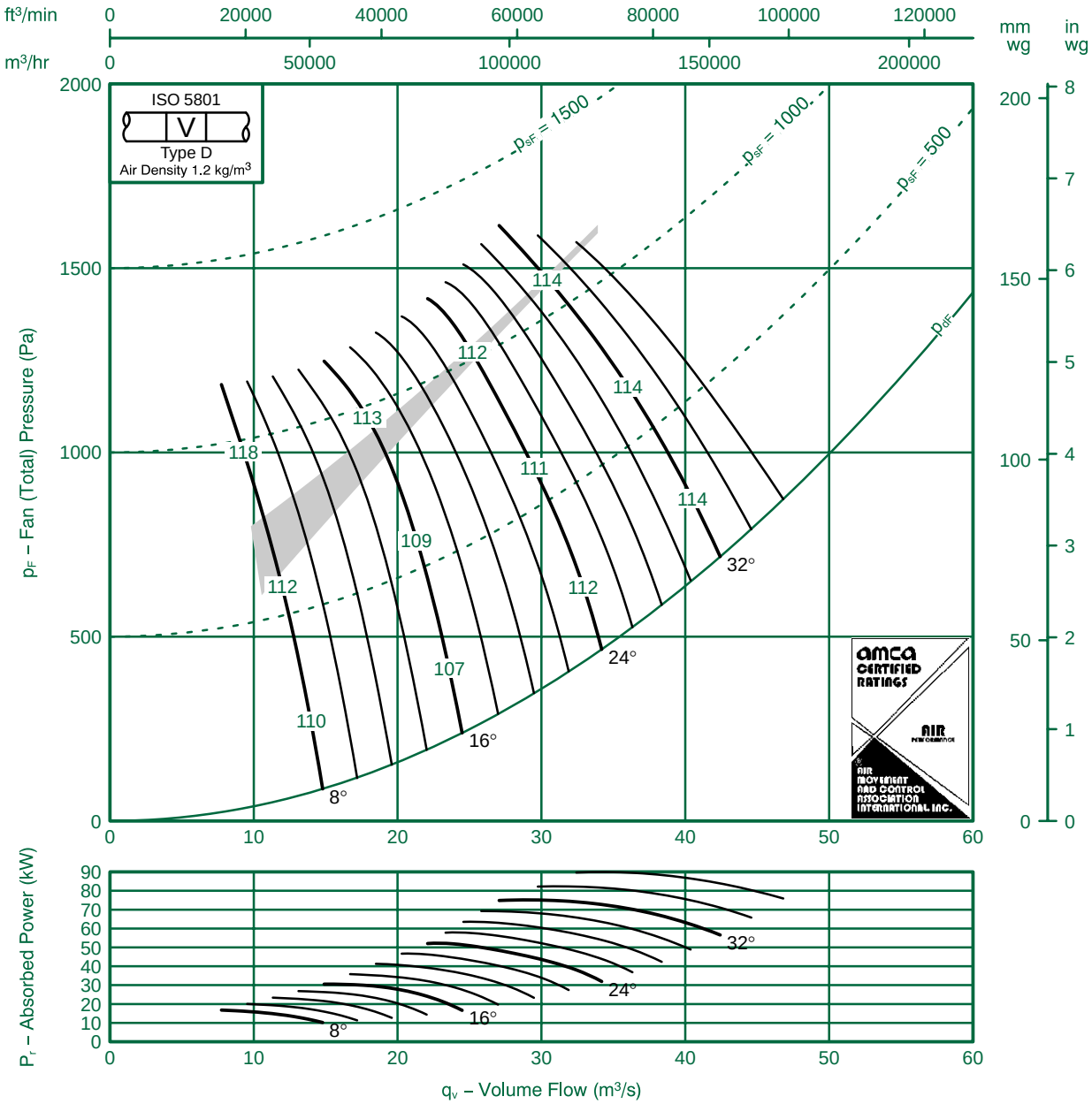

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8	—18 —16	—19 —17	—7 —4	—8 —8	—4 —5	—8 —10	—16 —15	—23 —19	8	—15 —13	—18 —16	—5 —3	—8 —8	—4 —5	—6 —8	—13 —12	—20 —17
16	—12 —10	—16 —14	—7 —3	—6 —10	—5 —8	—8 —1	—16 —15	—23 —20	16	—9 —8	—15 —12	—5 —1	—6 —9	—5 —8	—7 —9	—13 —12	—21 —17
24 —36	—6 —7	—10 —10	—7 —5	—8 —9	—8 —9	—12 —1	—15 —15	—19 —18	24 —36	—4 —5	—8 —8	—5 —3	—8 —9	—9 —10	—10 —9	—12 —12	—16 —16

JM AEROFOIL

BS 5750 Pt 1
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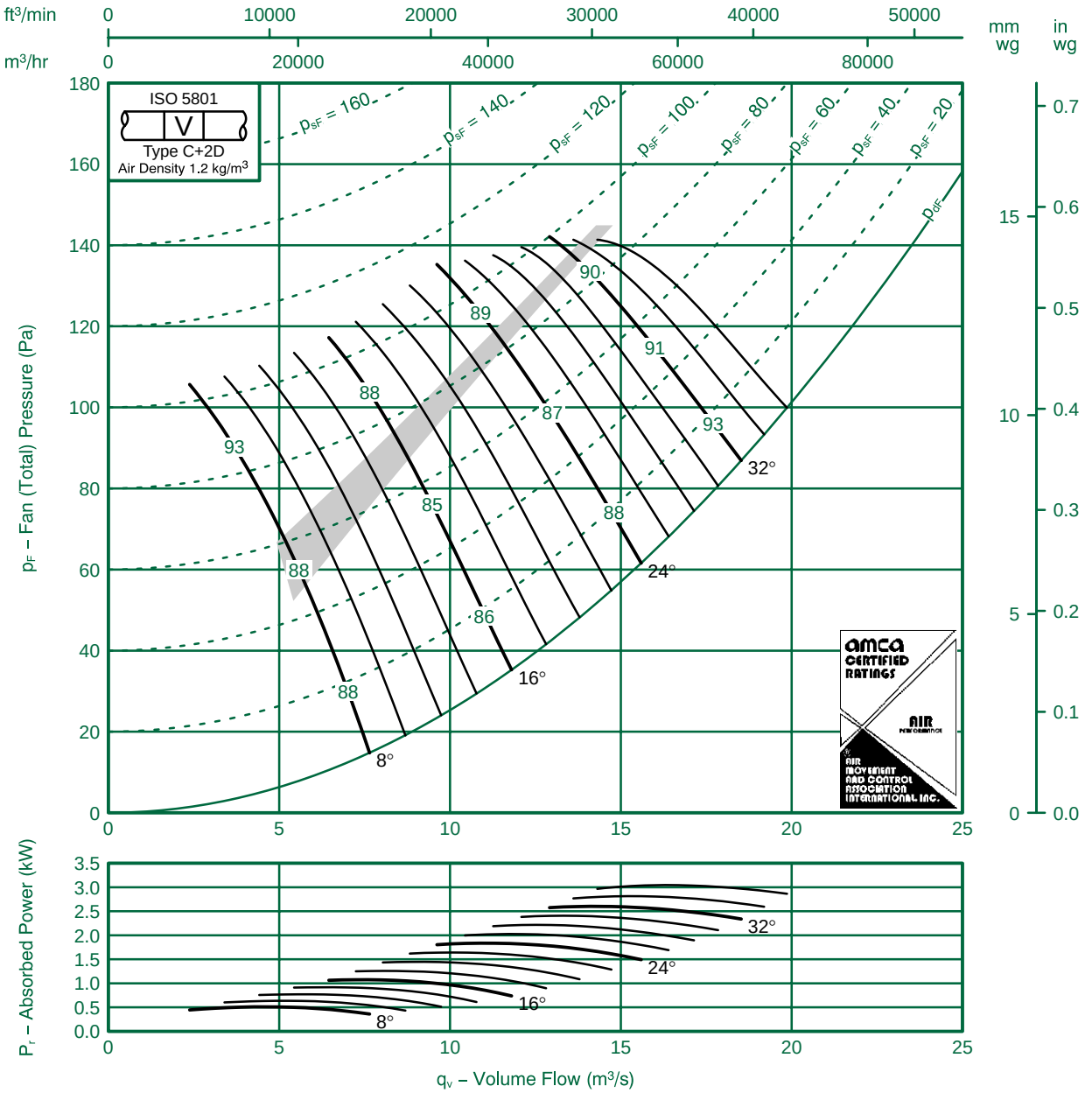

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8	—13 —10	**—1** —12	—3 —8	—6 —5	**—1** —7	—13 —8	—26 —23	—32 —30	8	**—1** —8	—9 —10	—3 —7	—5 —5	—10 —7	**—1** —7	—25 —22	—30 —29
16	—10 —5	—10 —8	—3 —8	—7 **—1**	—13 —9	—17 —8	—22 —20	—26 —24	16	—9 —3	—9 —6	—2 —8	—7 **—1**	—12 —8	—17 —8	—20 —19	—25 —23
24 —36	—5 —5	—8 —7	—7 —7	—8 —10	—13 —13	—15 —14	—17 —16	—19 —18	24 —36	—3 —3	—7 —6	—6 —5	—7 —8	—12 —13	—14 —13	—15 —14	—17 —16

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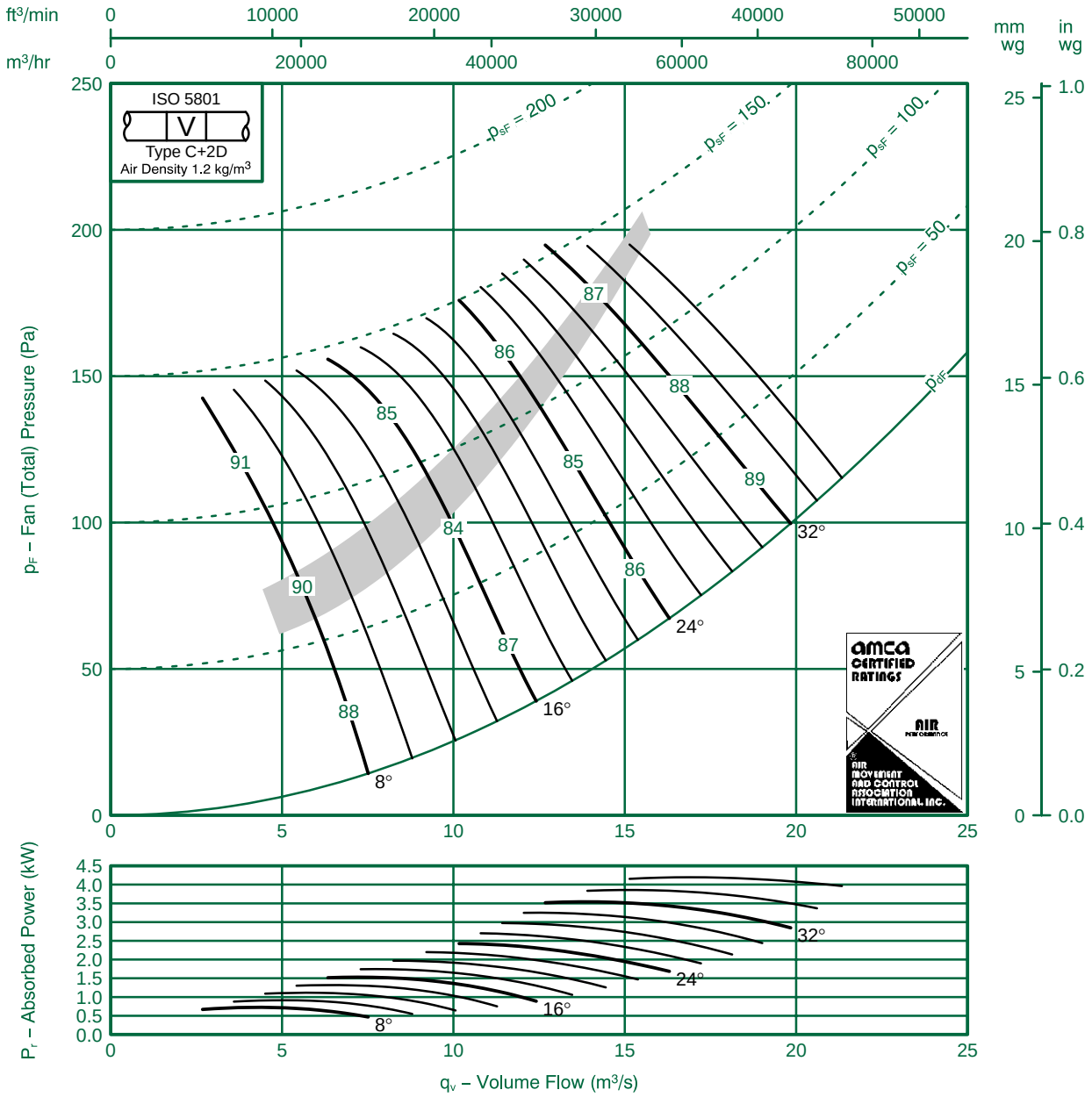

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16	—8 —9	—10 **—1**	—6 —9	—7 —8	—9 —5	—10 —7	—17 —19	—20 —24	16	—5 —5	—8 —9	—5 —8	—7 —8	—7 —4	—10 —6	—15 —19	—19 —22
24 —36	—5 —5	—9 —8	—7 —7	—8 —8	**—1** —10	—14 —14	—14 —17	—15 —19	24 —36	—1 —1	—6 —5	—5 —4	—7 —7	**—1** —9	—13 —13	—13 —15	—14 —17

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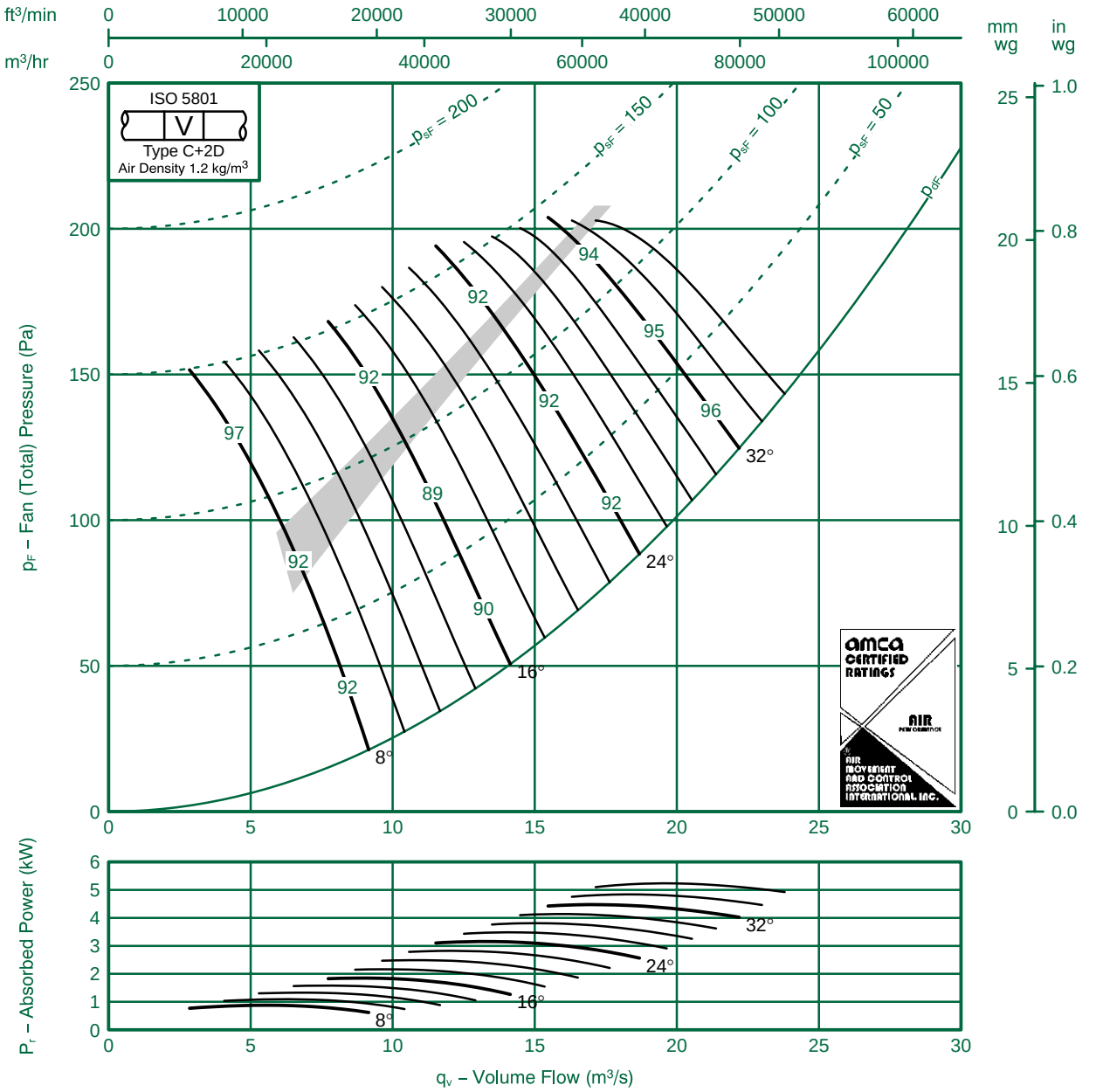

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8	—17 —15	—12 —10	—5 —9	—4 —5	—9 —7	—1 —7	—22 —19	—29 —28	8	—14 —12	—10 —8	—4 —8	—4 —4	—9 —6	—10 —5	—22 —18	—28 —27
16	—13 —8	—10 —6	—4 —8	—4 —10	—1 —9	—16 —8	—21 —17	—24 —23	16	—1 —5	—9 —4	—4 —7	—4 —10	—1 —9	—16 —7	—19 —16	—23 —22
24 —36	—8 —7	—5 —5	—7 —7	—8 —8	—12 —12	—15 —14	—16 —16	—18 —17	24 —36	—6 —4	—4 —4	—6 —5	—6 —7	—1 —12	—13 —13	—15 —14	—16 —16

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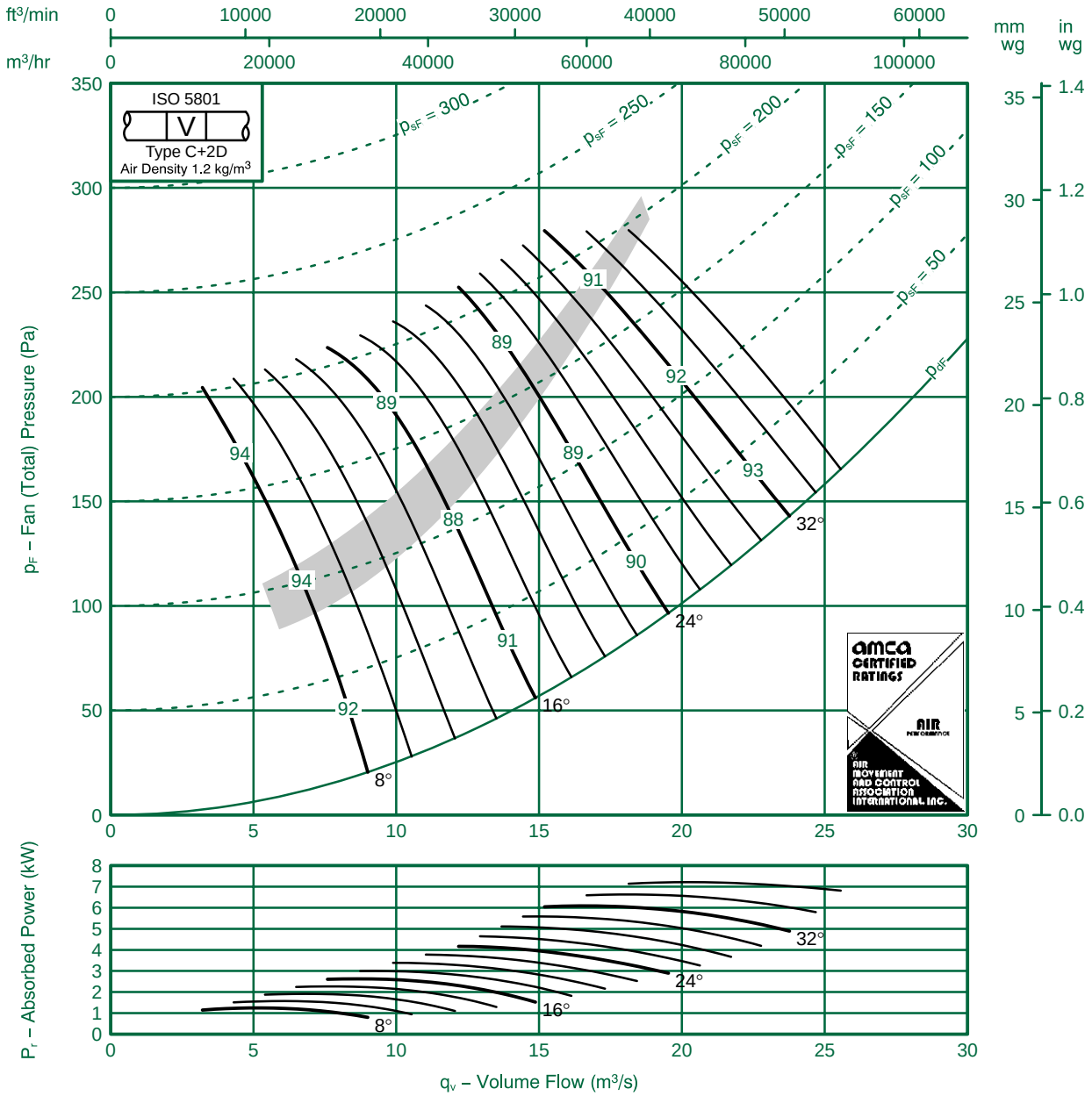

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16	—8 —9	—12 —13	—6 —9	—6 —8	—9 —7	—9 —5	—16 —17	—19 —22	16	—5 —6	—10 —10	—6 —7	—6 —8	—7 —5	—8 —5	—14 —17	—18 —20
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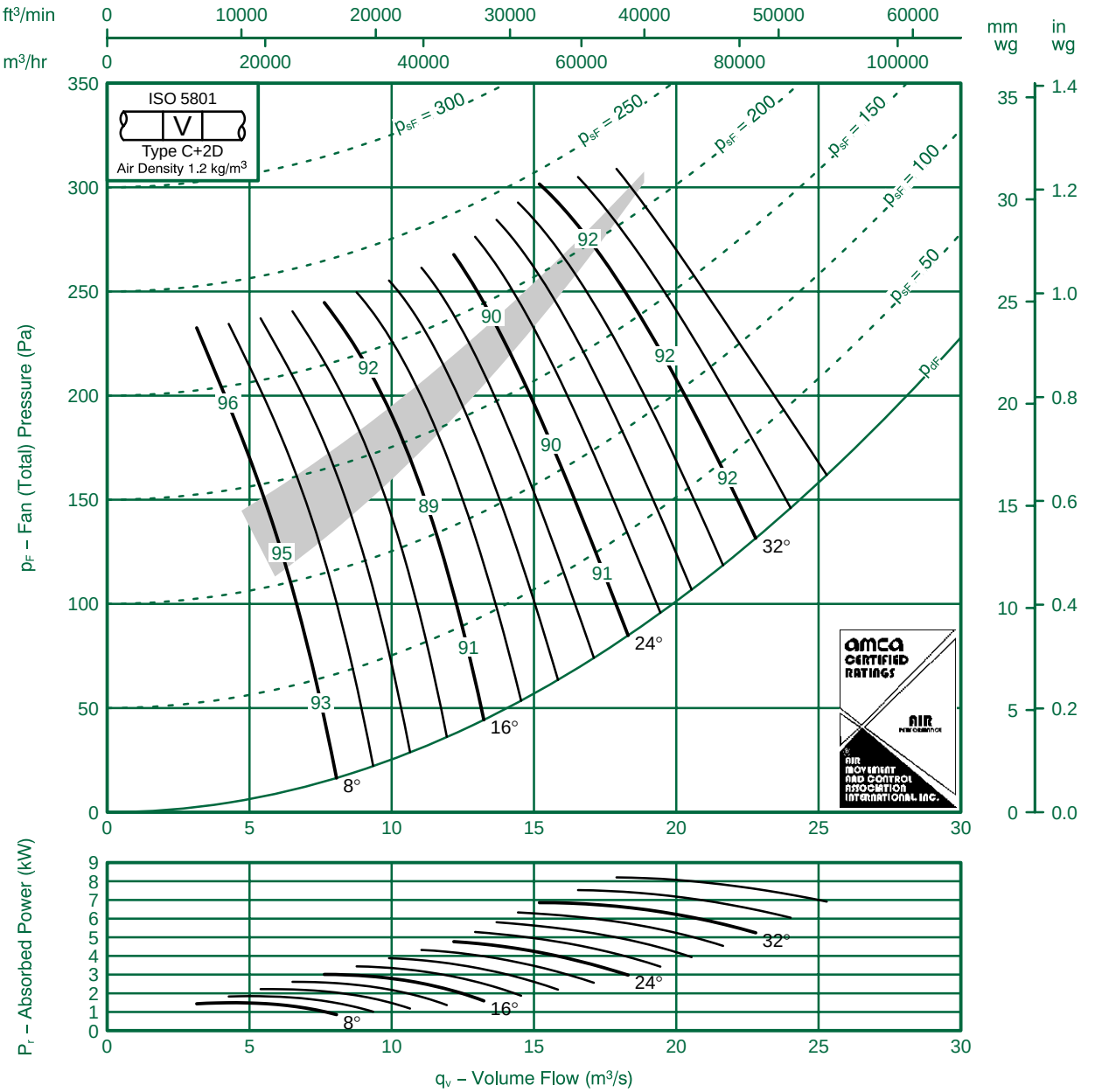

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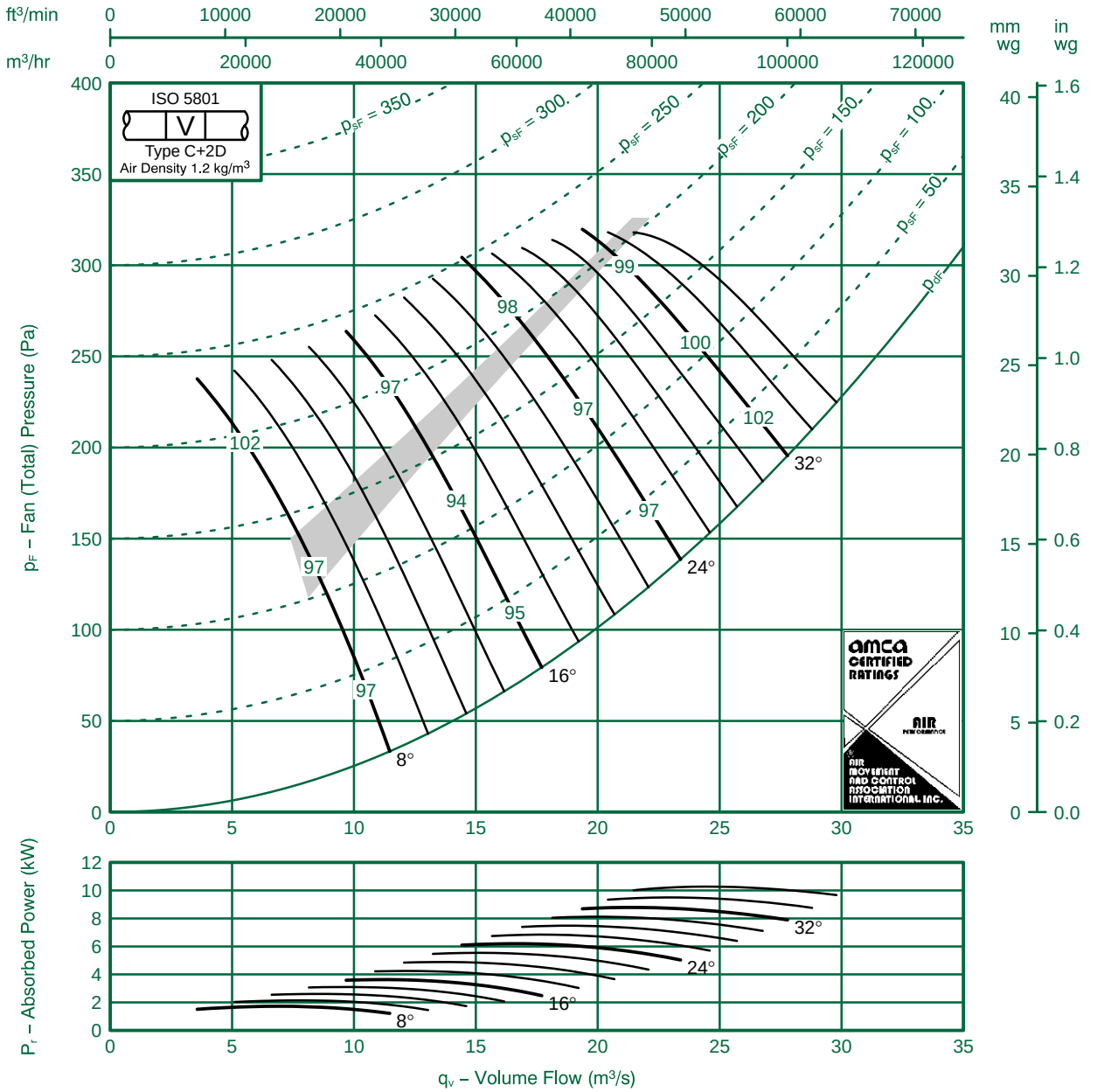

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8	—19 —17	—13 **—1**	—8 **—1**	—3 —6	—8 —6	**—1** —6	—17 —13	—27 —25	8	—15 —13	**—1** —9	—7 —10	—3 —5	—7 —6	—9 —5	—16 **—1**	—26 —24
16	—15 —9	—10 —6	—7 —8	—3 —9	—9 —10	—14 —8	—20 —13	—23 —21	16	—12 —6	—8 —4	—7 —8	—3 —9	—9 —10	—14 —7	—18 —12	—22 —21
24 —36	—9 —7	—5 —5	—7 —7	—7 —8	**—1** —12	—14 —14	—16 —15	—17 —17	24 —36	—6 —4	—4 —4	—7 —6	—6 —6	—10 —12	—13 —13	—14 —13	—16 —16

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 140JM/40/8/9/...
1400 mm 720 rev/min 9 Blades 50 Hz

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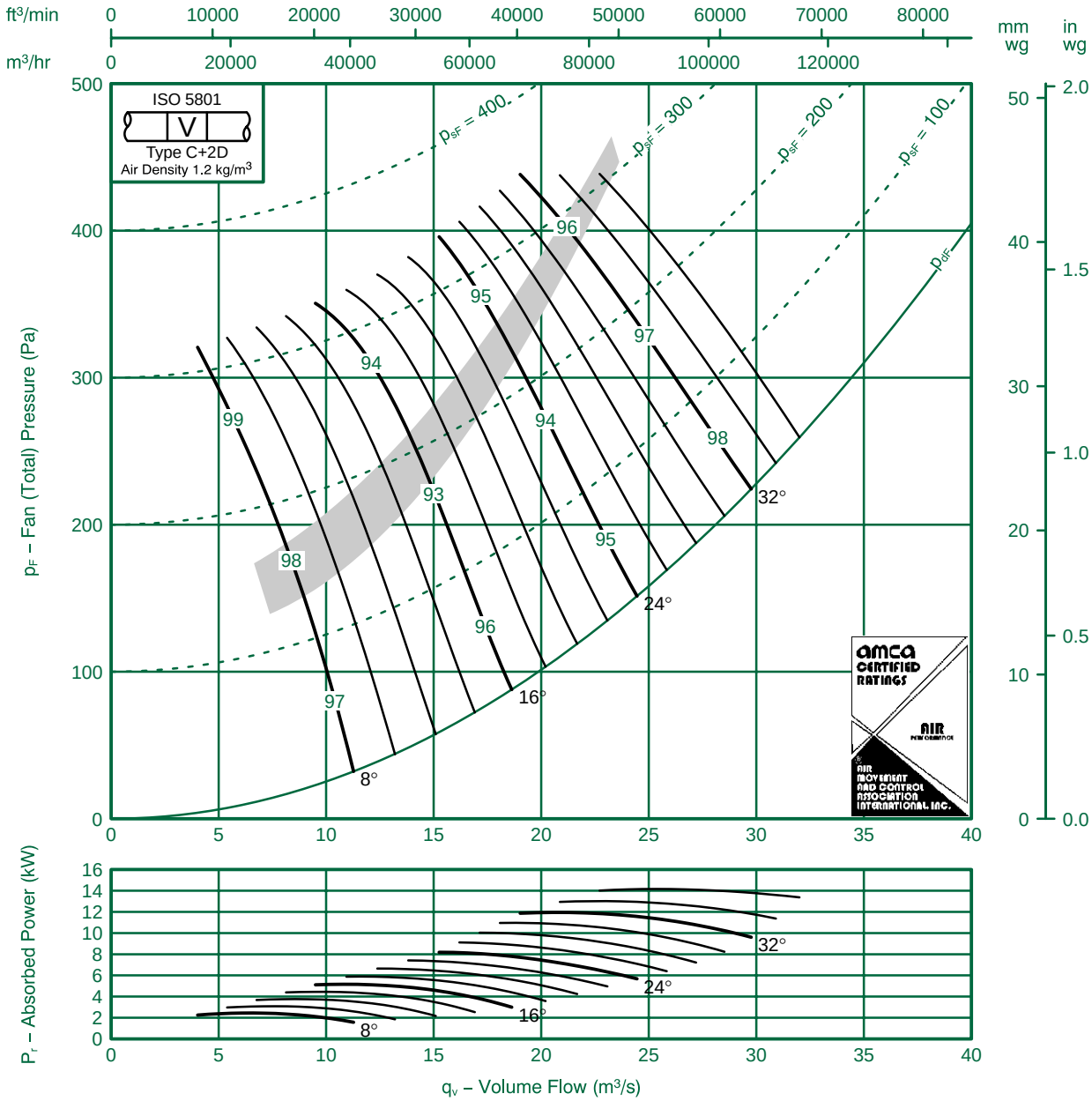

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8	—17 —18	—13 —13	—8 —**1**	—3 —7	—7 —7	—**1** —4	—19 —12	—27 —24	8	—14 —15	—**1** —10	—8 —**1**	—2 —5	—6 —5	—10 —3	—19 —12	—26 —23
16	—8 —12	—10 —10	—9 —10	—6 —8	—8 —8	—9 —5	—14 —12	—18 —20	16	—4 —8	—8 —7	—8 —8	—6 —8	—7 —7	—8 —4	—12 —12	—17 —18
24 —36	—7 —7	—7 —7	—8 —7	—7 —7	—9 —9	—13 —12	—15 —15	—14 —17	24 —36	—3 —3	—3 —3	—6 —5	—7 —6	—9 —8	—12 —**1**	—13 —13	—13 —16

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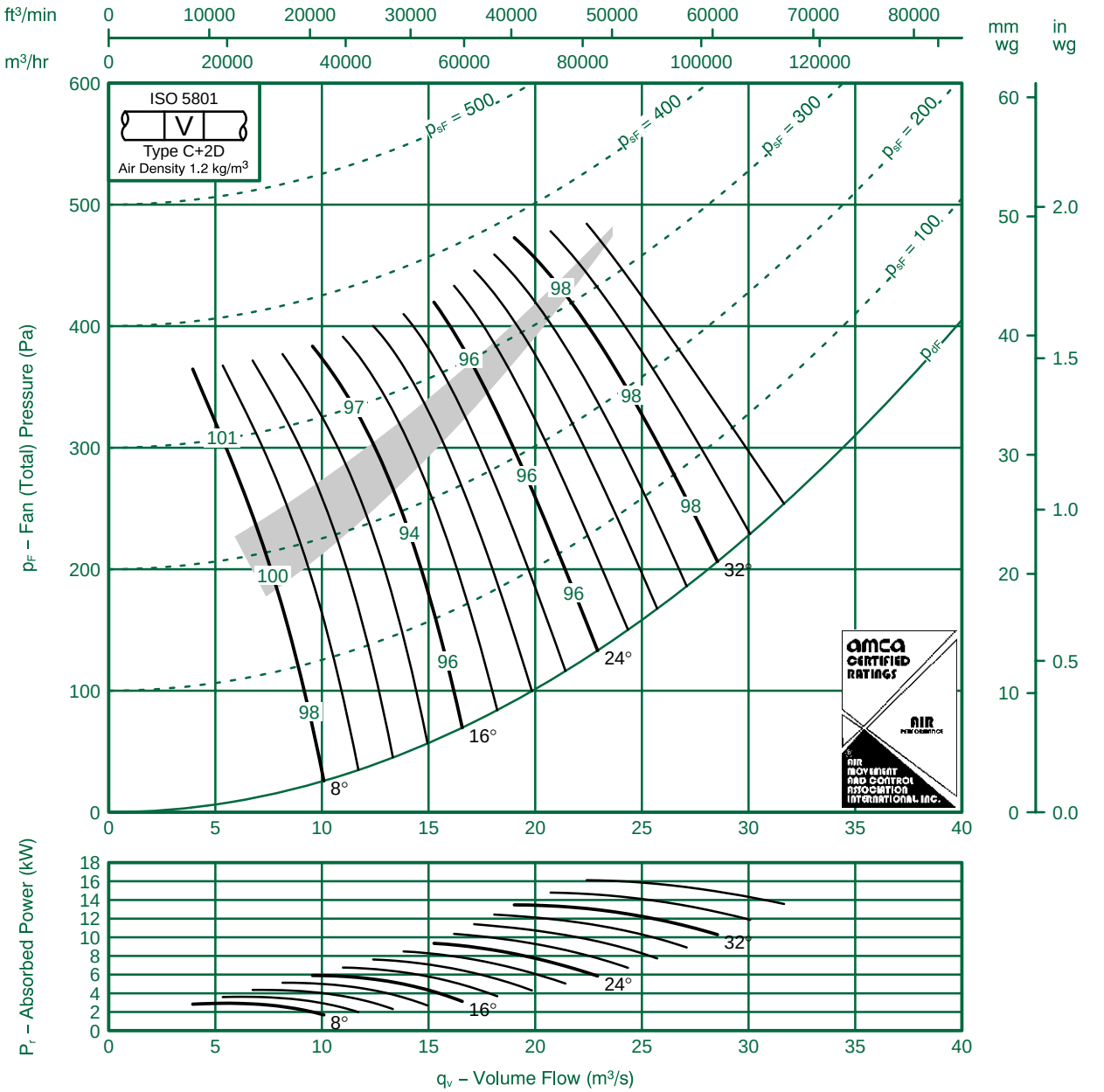

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24 —36	—6 —7	—6 —5	—10 —9	—8 —8	—10 —10	—14 —12	—17 —17	—16 —20	24 —36	—3 —3	—2 —1	—8 —7	—7 —7	—9 —9	—14 **—1**	—15 —16	—15 —19

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BS 5750 Pt 1
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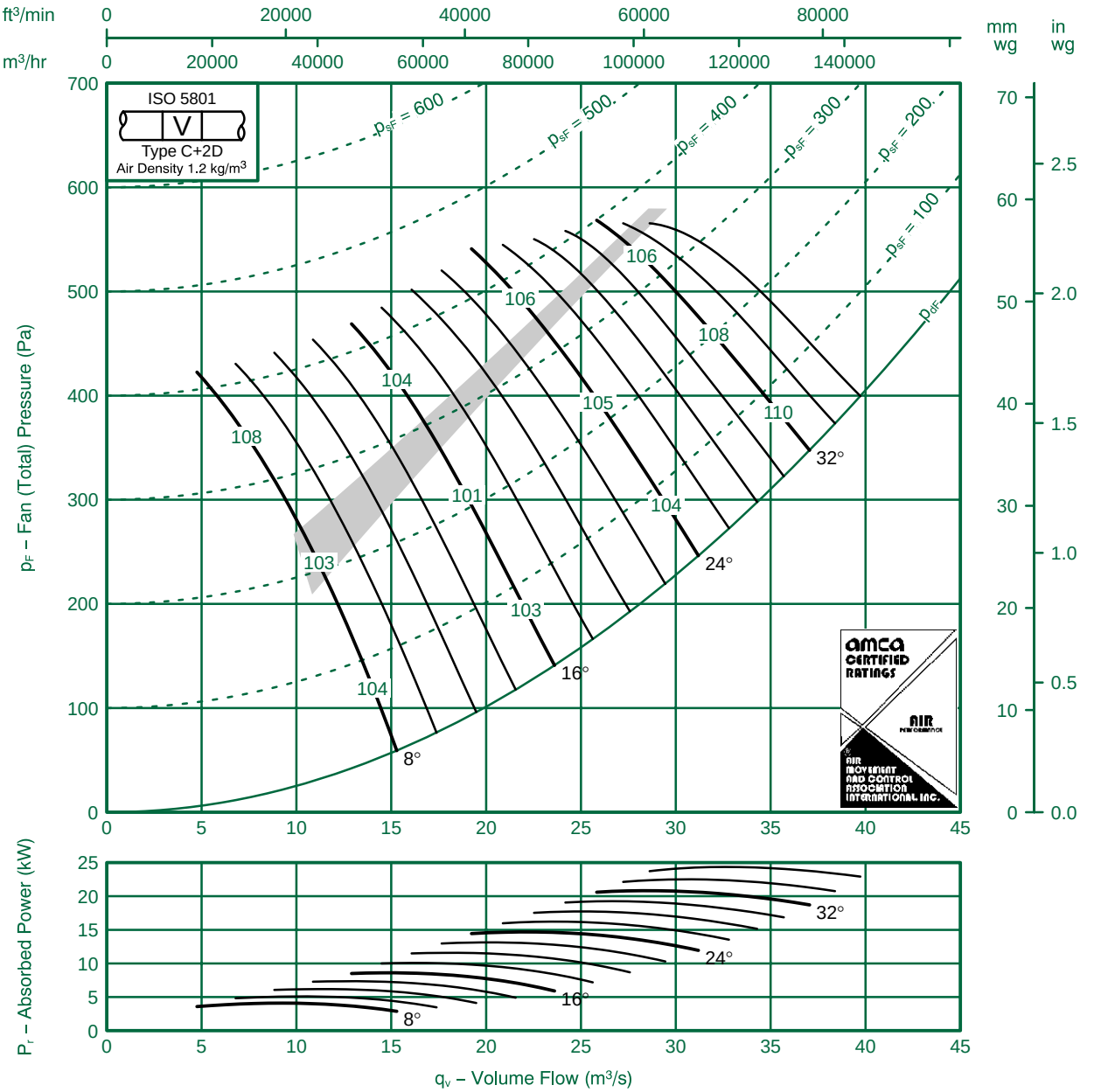

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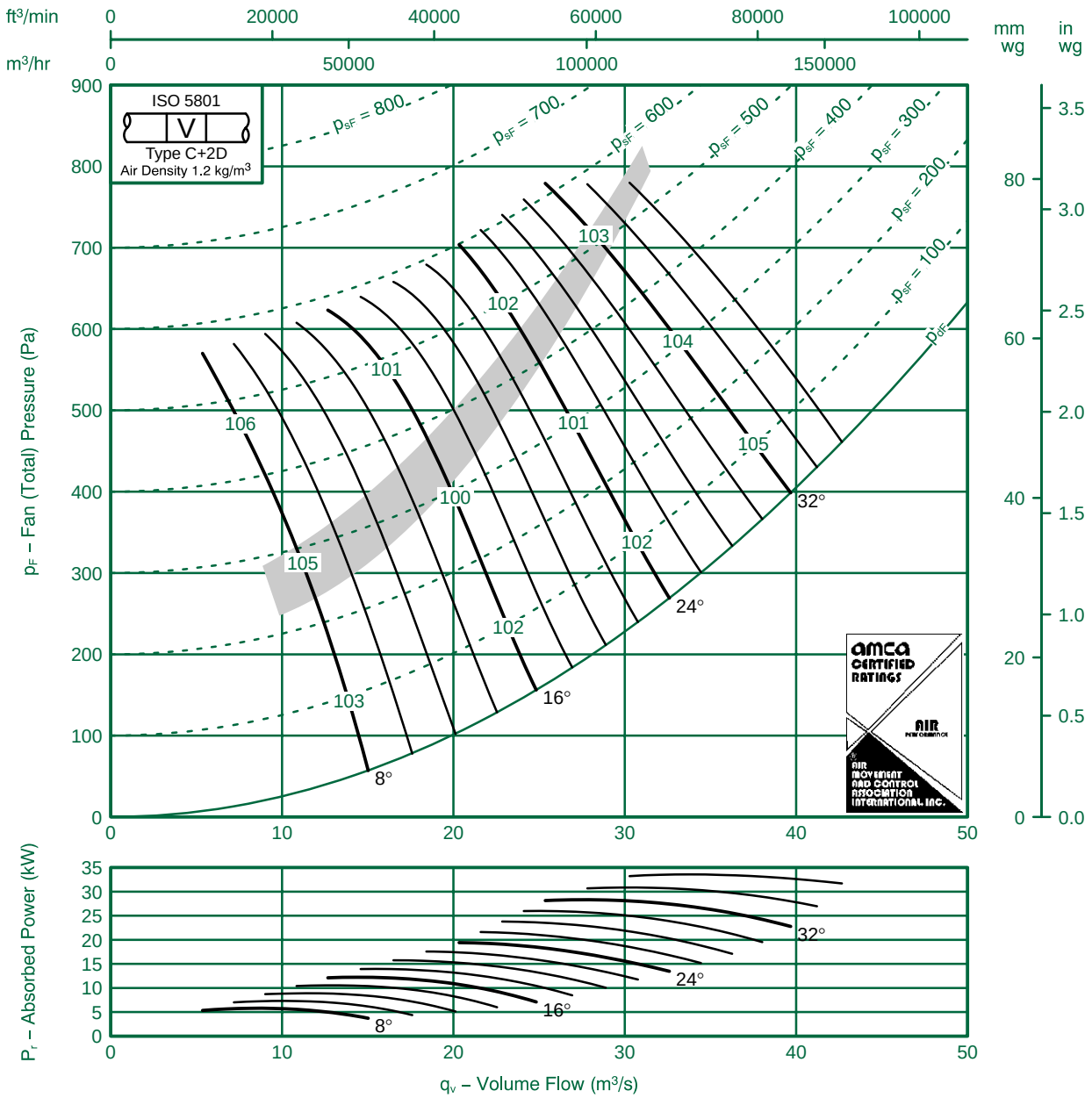

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16	—7 —12	—9 —9	**—1** **—1**	—7 —10	—8 —9	—10 —6	**—1** —7	—18 —20	16	—4 —8	—6 —6	—10 —10	—7 —9	—7 —8	—9 —5	—9 —7	—17 —17
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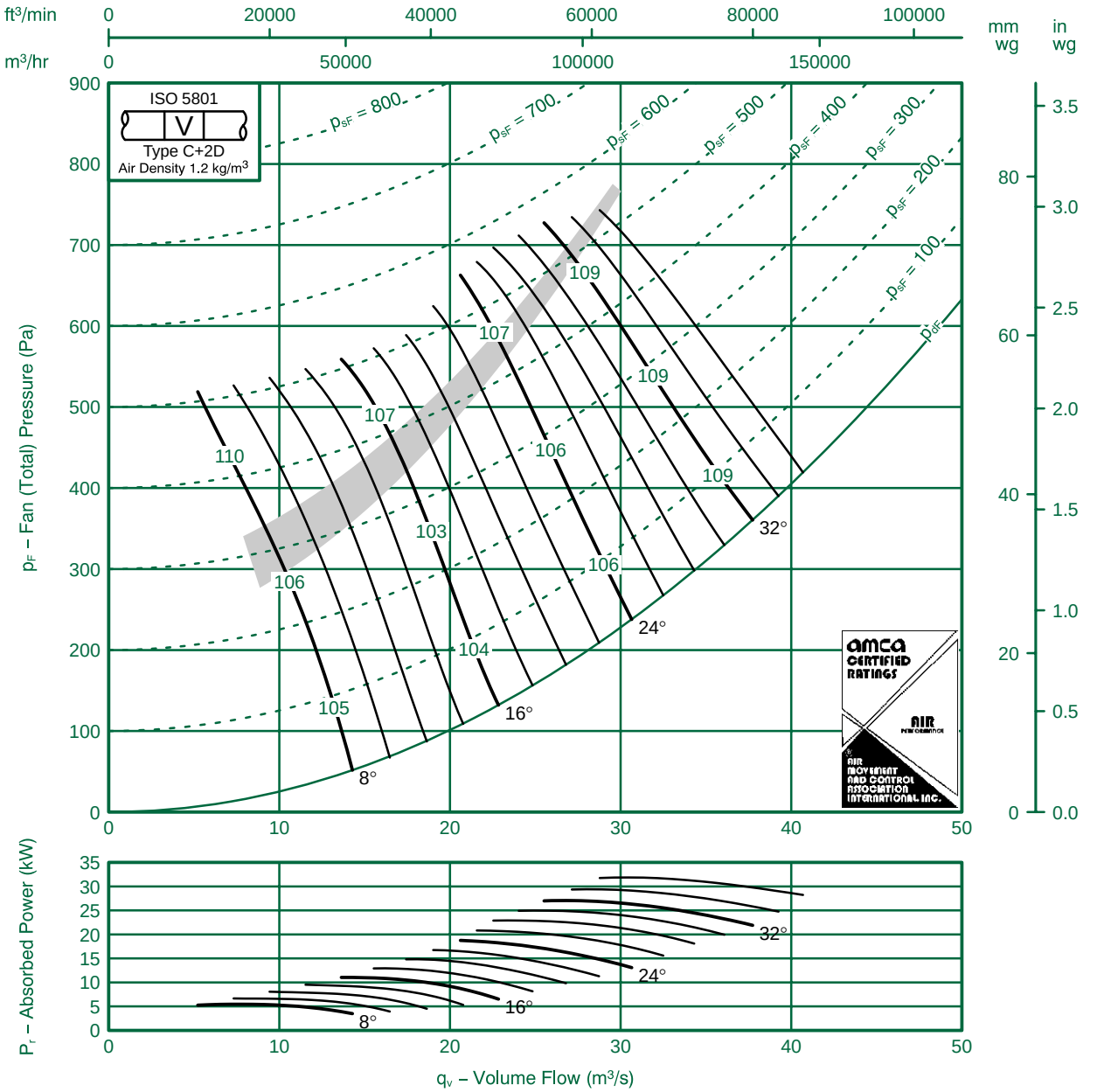

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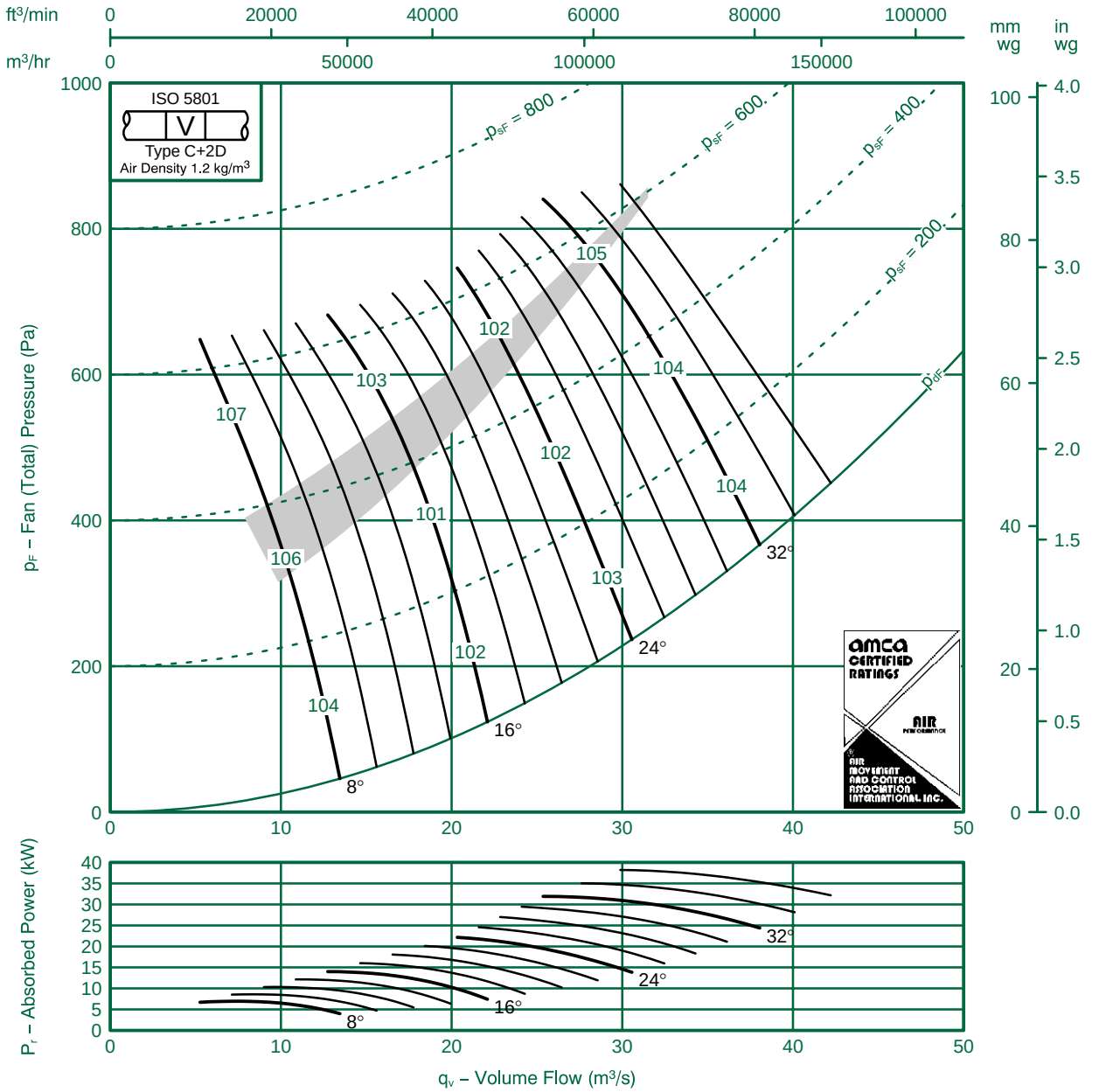

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24 —36	—5 —7	—8 —9	—8 —7	—9 —8	—9 —9	—13 —**1**	—16 —14	—17 —20	24 —36	—2 —2	—5 —5	—6 —4	—8 —7	—8 —8	—13 —**1**	—15 —13	—16 —19

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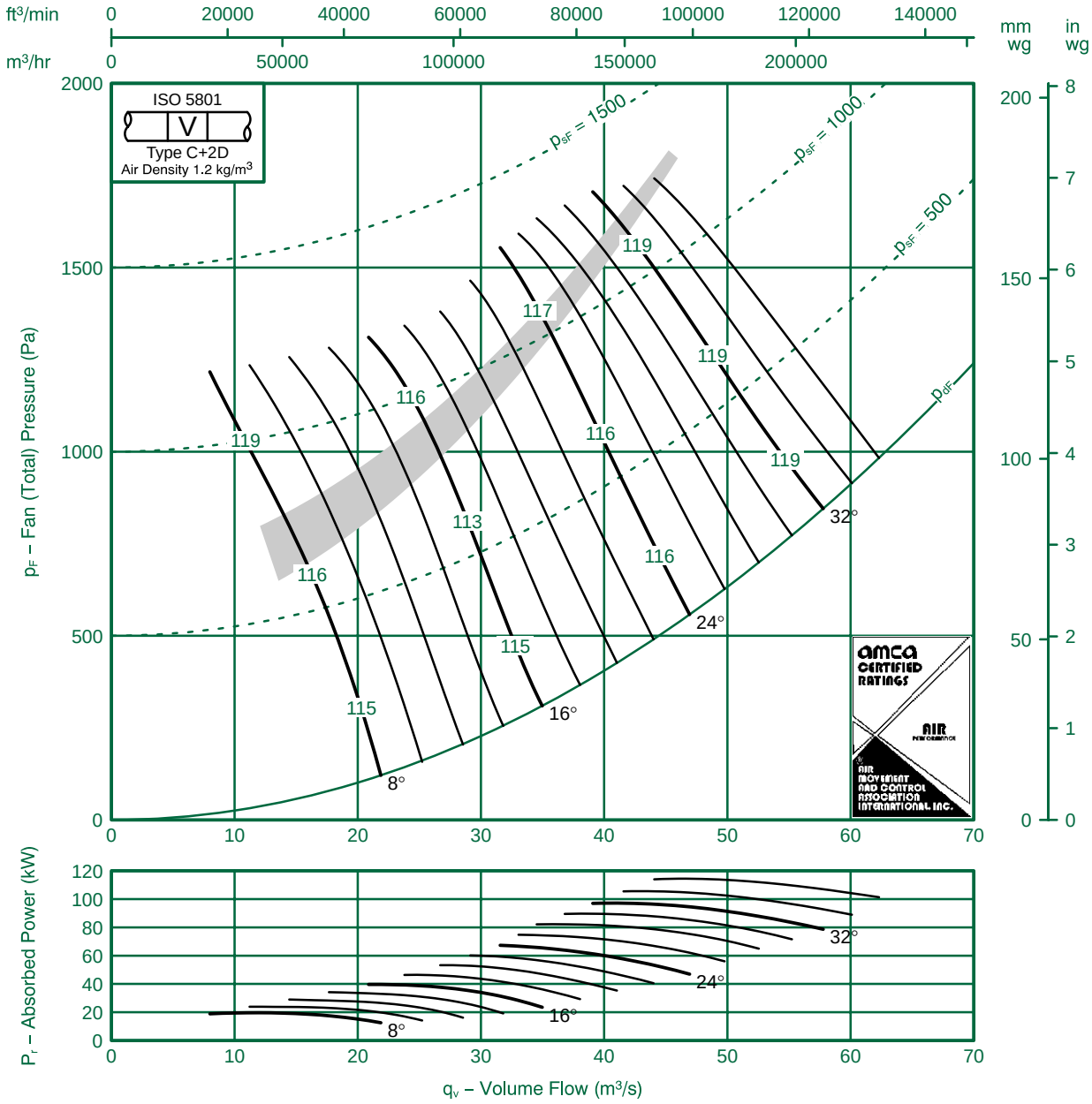

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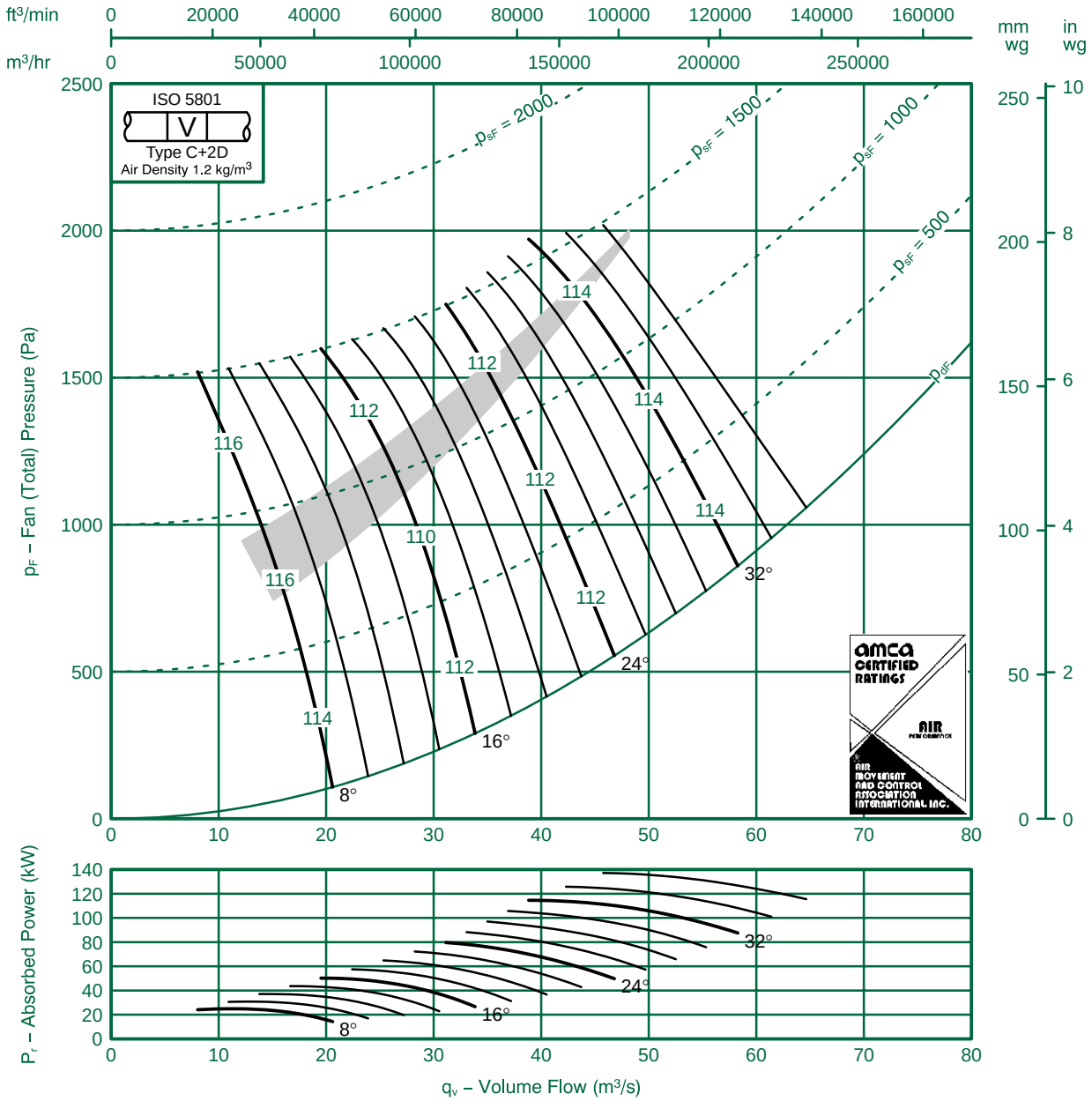

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24 —36	—7 —8	—6 —8	—7 —6	—10 —10	—9 —9	**—1** —10	—15 —12	—17 —17	24 —36	—4 —5	—3 —4	—5 —3	—9 —9	—8 —8	**—1** —10	—14 **—1**	—17 —16

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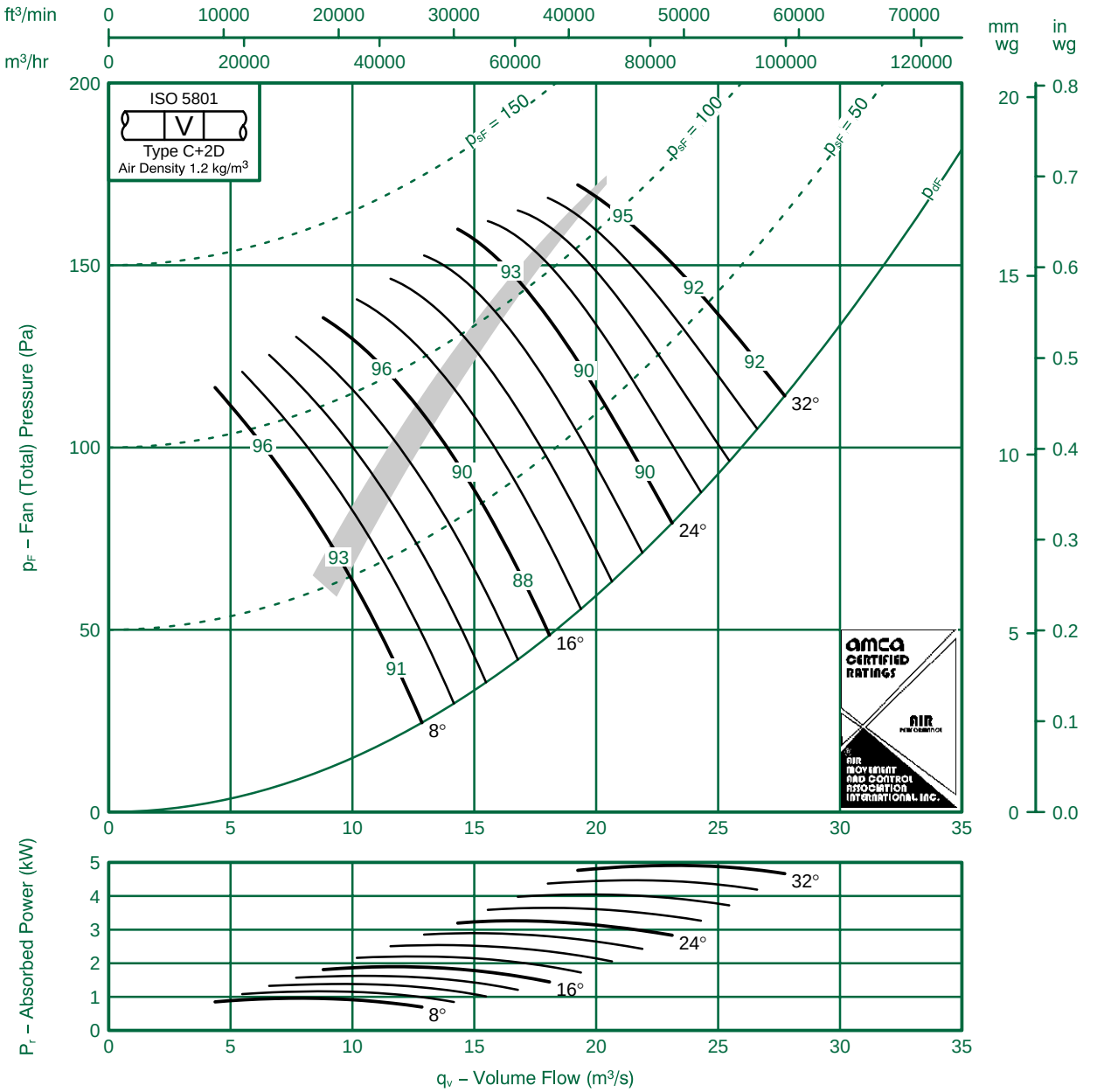

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24 —32	—9 —7	—6 —8	—5 —7	—9 —8	—13 —9	—17 —12	—18 —12	—21 —14	24 —32	—7 —4	—6 —7	—5 —6	—7 —6	—12 —9	—15 **—1**	—16 —10	—20 —13

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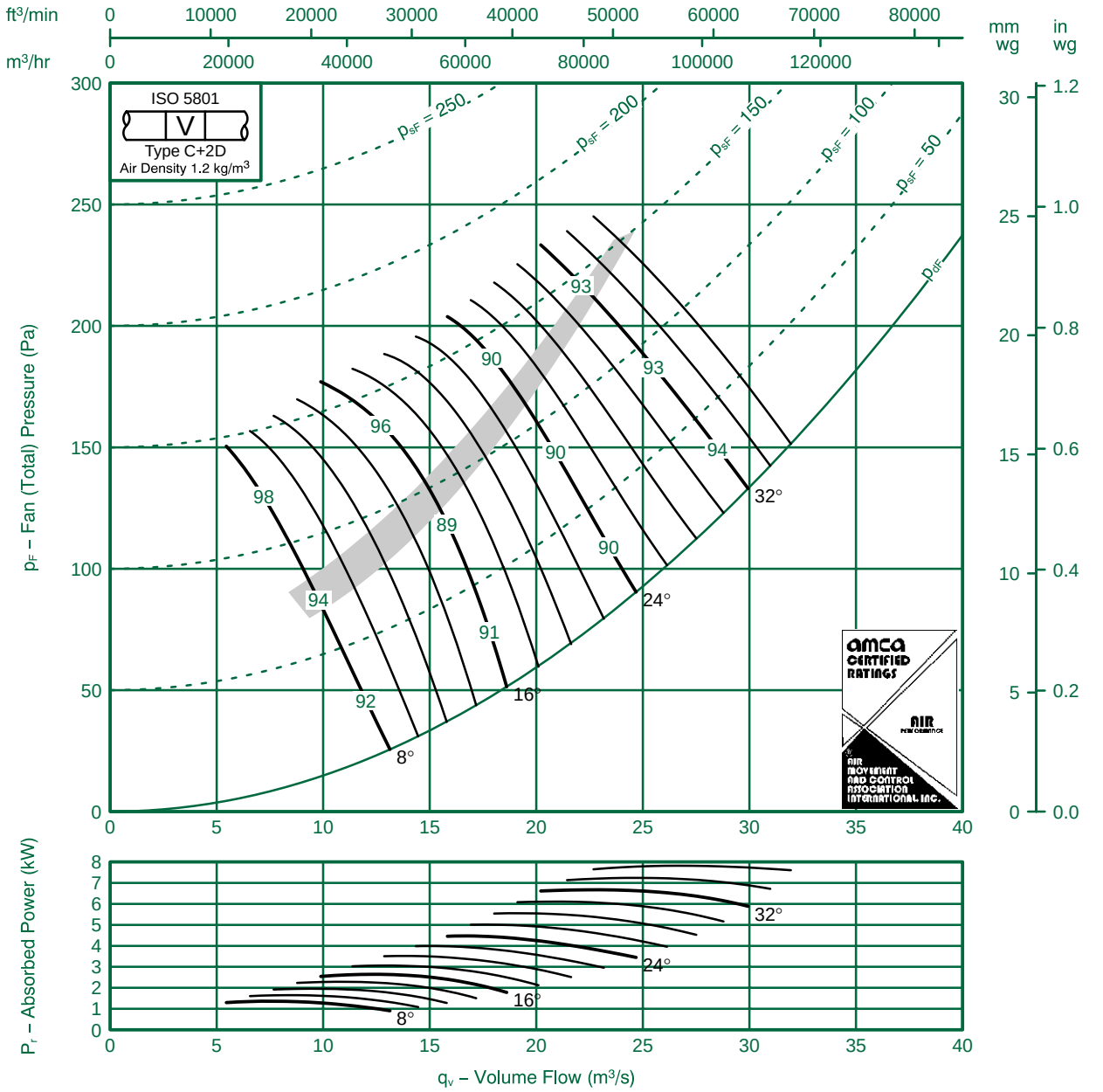

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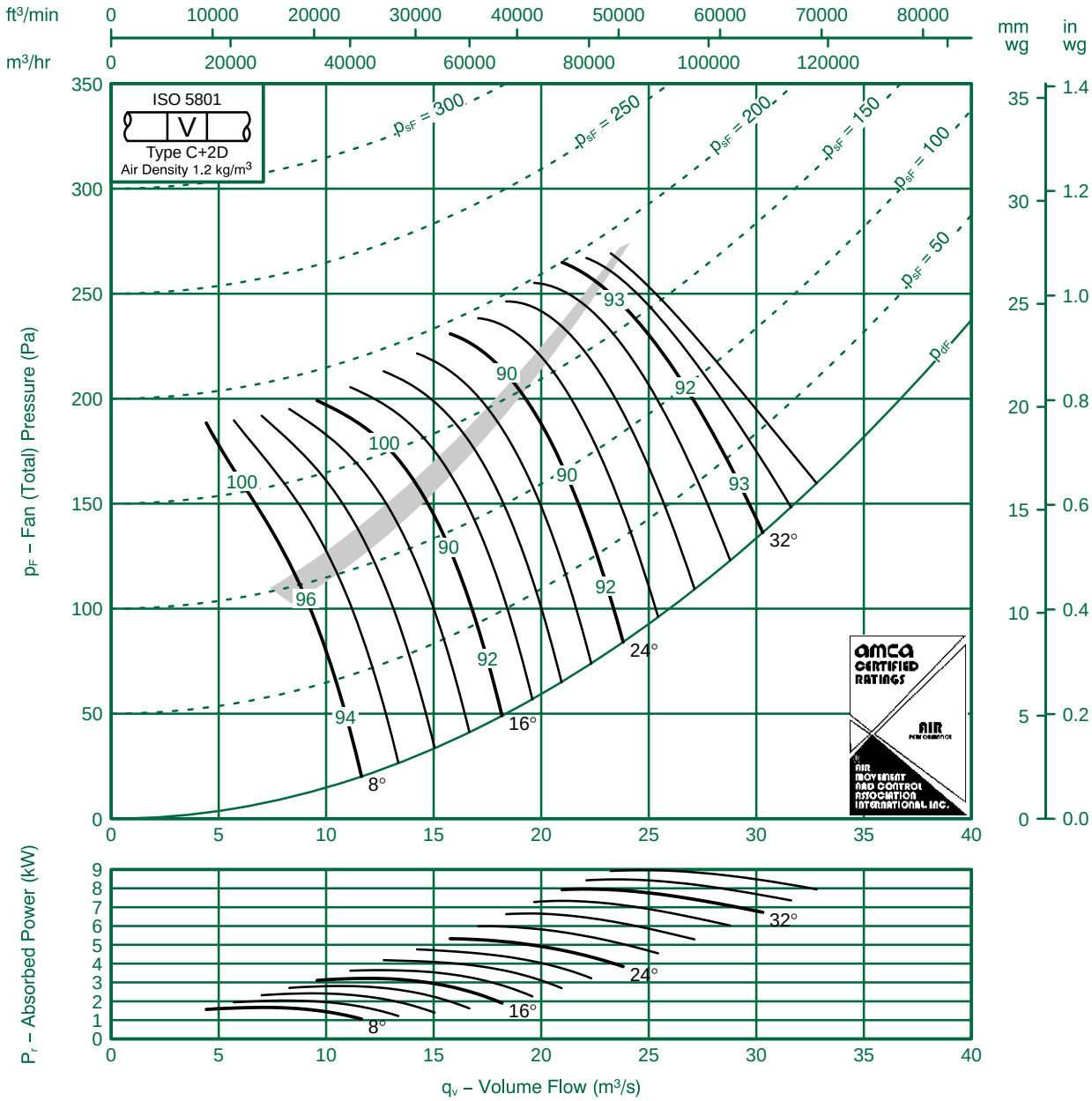

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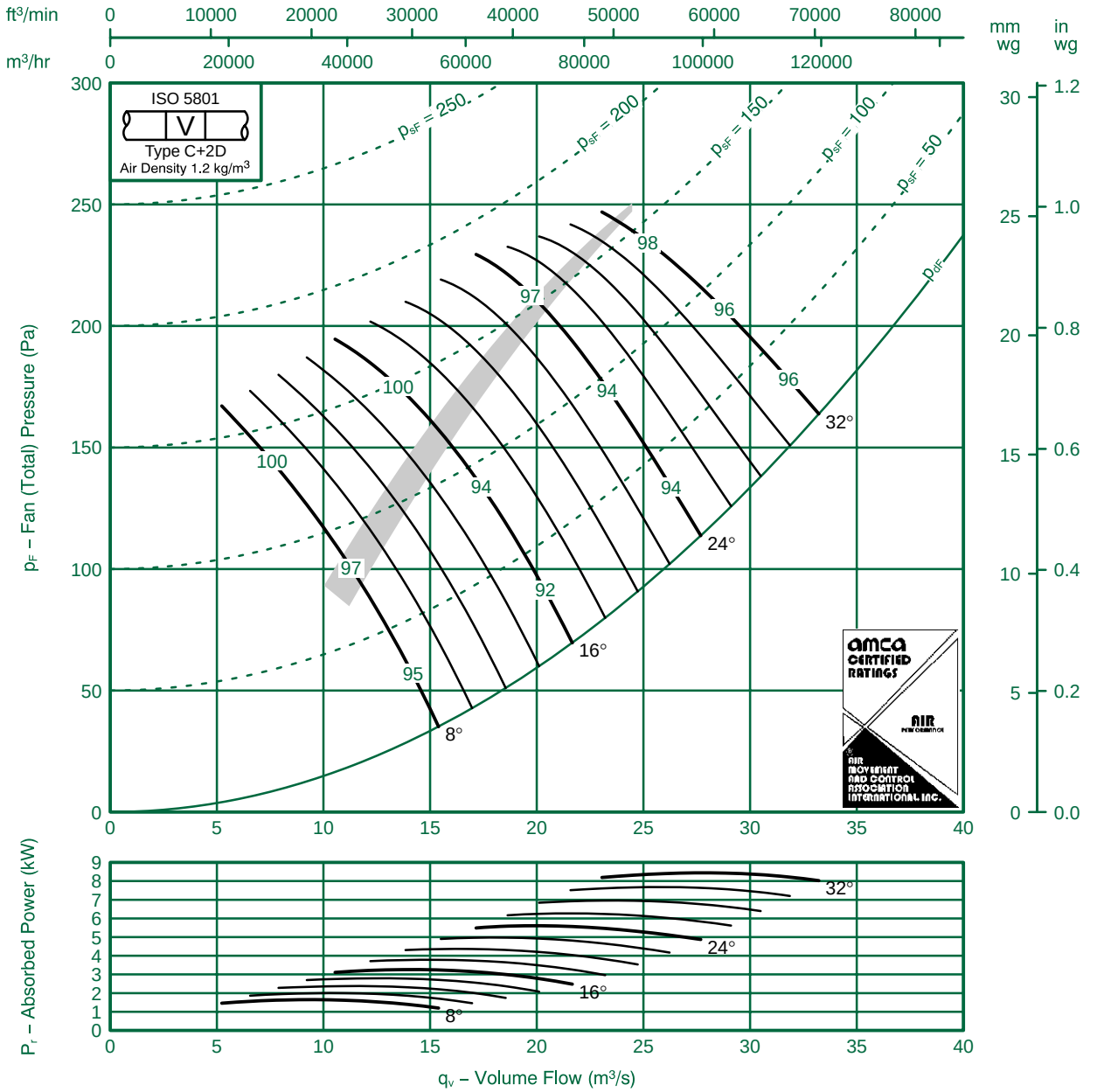

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Pitch Angle	Octave Band Centre Frequency (Hz)								Pitch Angle	Octave Band Centre Frequency (Hz)							
	63	125	250	500	1k	2k	4k	8k		63	125	250	500	1k	2k	4k	8k
8	—17 —15	—9 —13	—4 —9	—6 —4	—**1** —6	—15 —8	—21 —15	—27 —25	8	—14 —12	—7 —**1**	—3 —8	—5 —4	—10 —6	—14 —7	—20 —14	—26 —24
16	—15 —10	—12 —9	—6 —9	—4 —7	—8 —8	—12 —8	—14 —12	—18 —16	16	—12 —7	—**1** —7	—6 —8	—4 —7	—7 —7	—**1** —8	—12 —**1**	—17 —15
24 —32	—**1** —8	—6 —7	—5 —8	—8 —8	—**1** —9	—16 —12	—18 —12	—20 —14	24 —32	—9 —6	—6 —6	—5 —6	—7 —6	—**1** —9	—15 —**1**	—16 —10	—19 —12

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 160JM/40/10/9/...
1600 mm 575 rev/min 9 Blades 50 Hz

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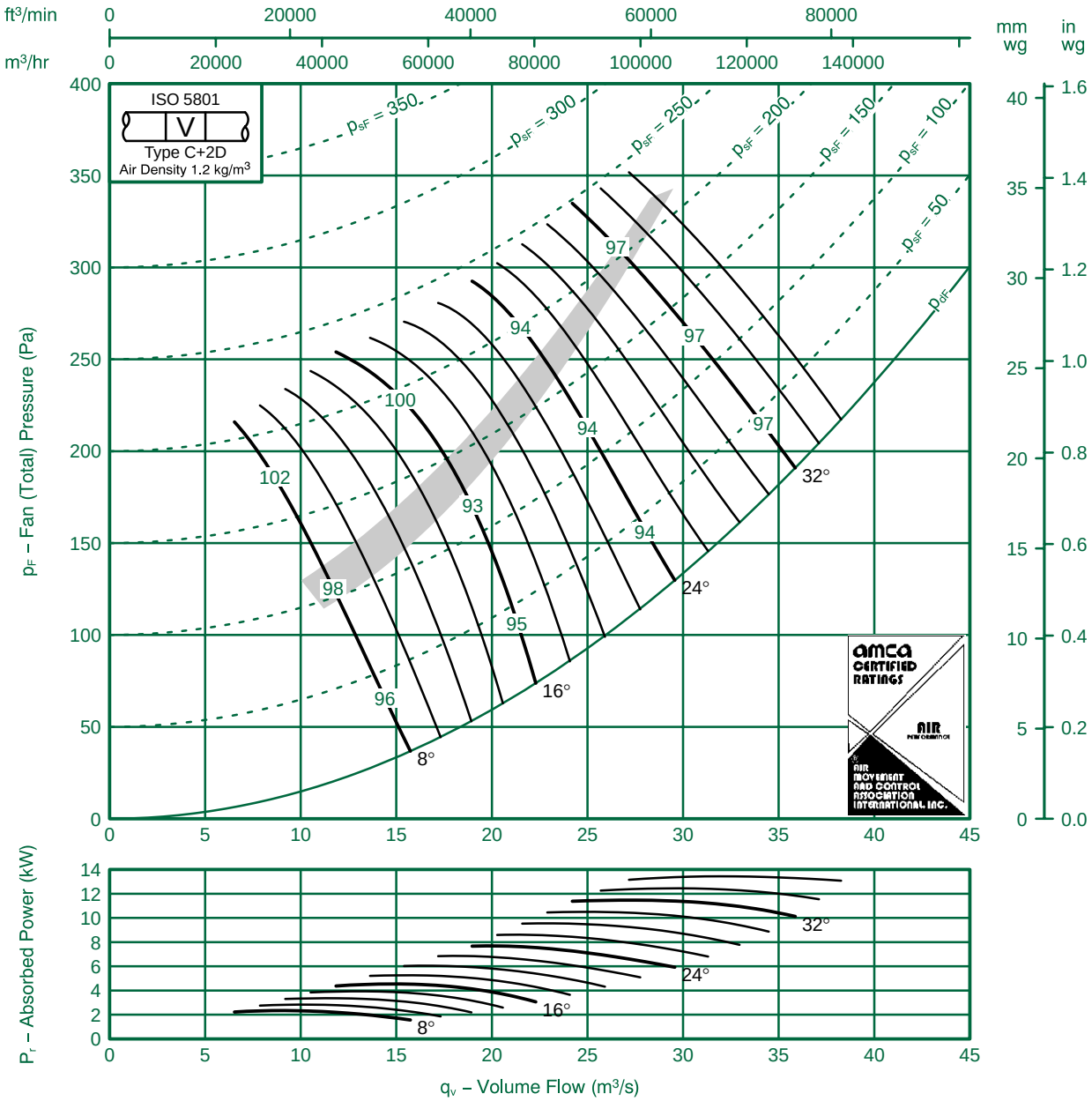

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8	—18 —14	—**1** —16	—3 —9	—5 —4	—12 —6	—16 —7	—22 —15	—30 —26	8	—15 —**1**	—9 —14	—3 —9	—4 —3	—**1** —5	—15 —6	—22 —15	—29 —25
16	—17 —6	—12 —13	—3 —10	—5 —9	—10 —8	—15 —6	—19 —**1**	—23 —18	16	—14 —3	—**1** —**1**	—3 —8	—5 —9	—9 —7	—14 —6	—17 —**1**	—23 —16
24 —36	—10 —7	—**1** —10	—7 —8	—7 —8	—7 —8	—**1** —**1**	—**1** —**1**	—13 —14	24 —36	—6 —2	—8 —7	—5 —5	—6 —7	—7 —7	—10 —10	—10 —10	—12 —12

JM AEROFOIL

BS 5750 Pt 1
EN 29001
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Fan Code: 160JM/50/10/12/...
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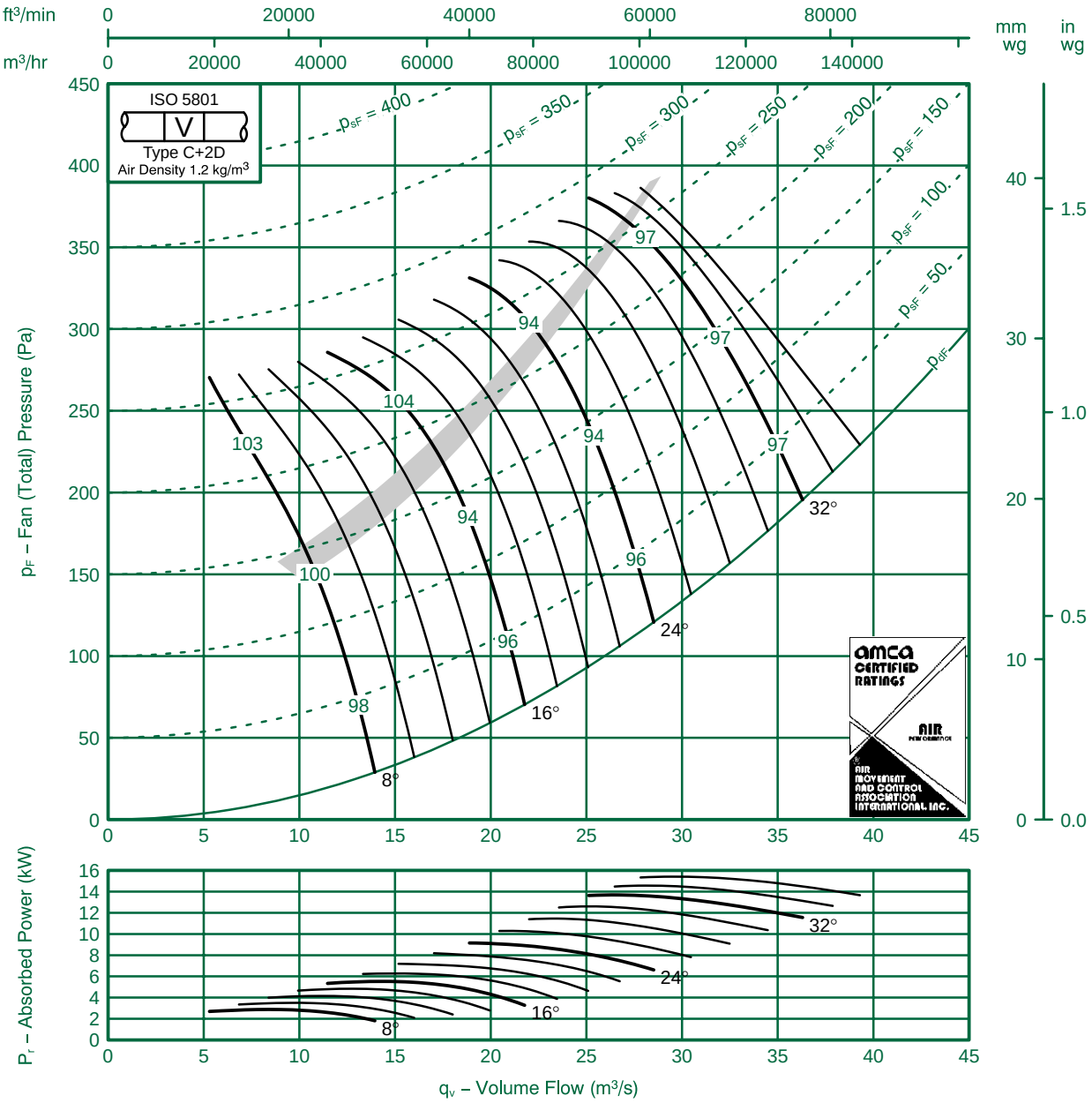

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8	—16 —19	—**1** —14	—3 —8	—6 —4	—13 —7	—15 —8	—24 —18	—31 —28	8	—15 —17	—8 —**1**	—3 —8	—5 —3	—12 —6	—13 —6	—22 —16	—29 —26
16	—18 —15	—13 —9	—6 —**1**	—4 —7	—7 —7	—12 —5	—18 —12	—24 —19	16	—15 —**1**	—10 —6	—5 —10	—4 —8	—7 —7	—**1** —4	—16 —9	—22 —17
24 —36	—**1** —9	—8 —7	—6 —8	—7 —8	—8 —8	—12 —10	—14 —13	—16 —16	24 —36	—8 —5	—5 —2	—5 —6	—6 —7	—7 —7	—12 —9	—12 —12	—15 —15

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 160JM/40/8/6/...
1600 mm 720 rev/min 6 Blades 50 Hz

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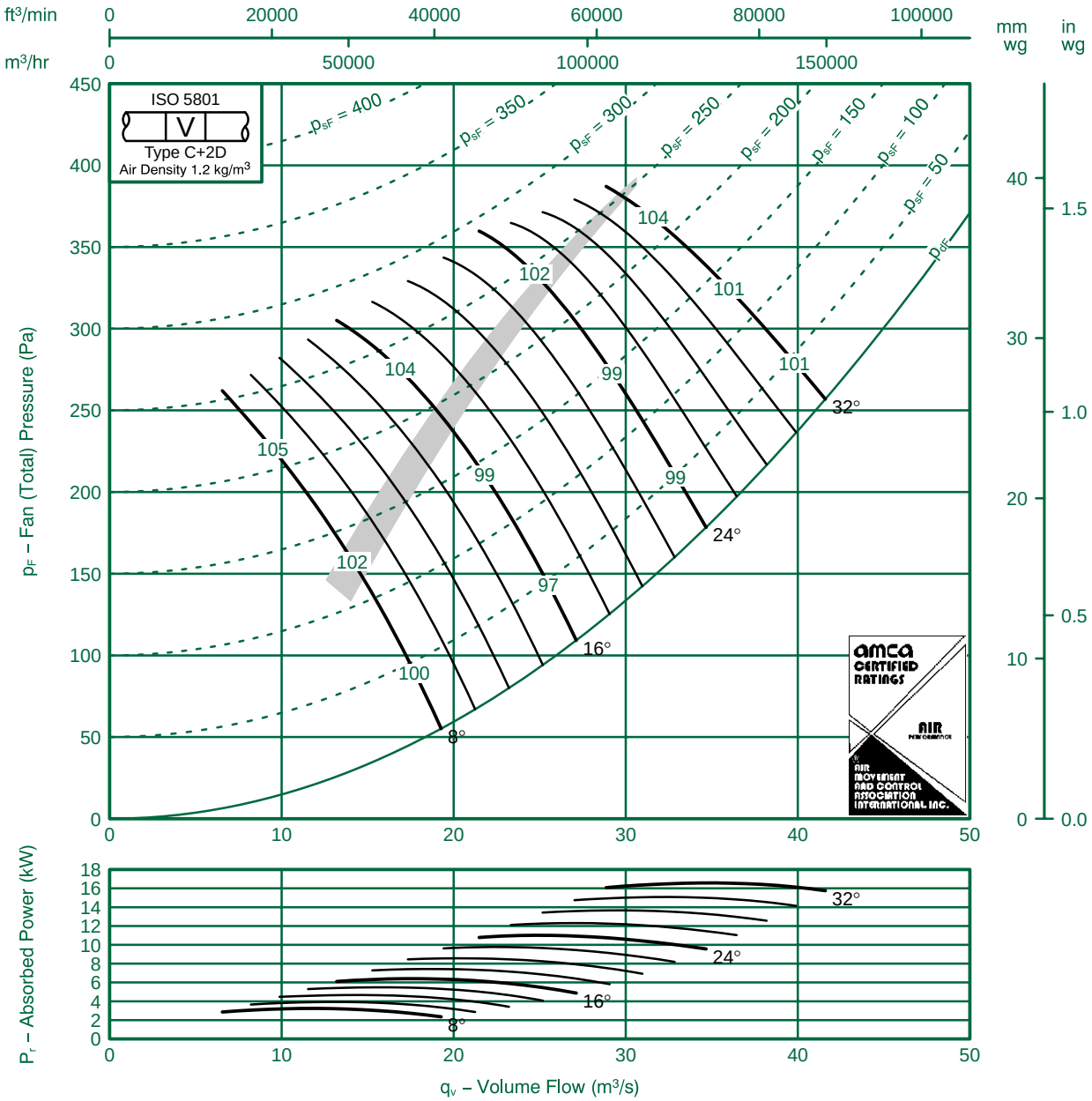

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8	—19 —16	—12 —13	—5 —**1**	—4 —6	—9 —5	—14 —8	—18 —**1**	—26 —23	8	—16 —13	—9 —**1**	—4 —10	—4 —5	—8 —4	—13 —6	—17 —10	—24 —22
16	—15 —10	—13 —9	—10 —9	—4 —7	—6 —8	—10 —8	—13 —10	—17 —15	16	—13 —7	—12 —7	—9 —9	—4 —7	—6 —7	—10 —8	—12 —9	—16 —14
24 —32	—13 —9	—7 —7	—6 —8	—6 —7	—10 —8	—15 —**1**	—17 —12	—19 —13	24 —32	—10 —6	—6 —6	—6 —7	—5 —6	—9 —8	—13 —10	—15 —10	—18 —12

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 160JM/40/8/9/...
1600 mm 720 rev/min 9 Blades 50 Hz

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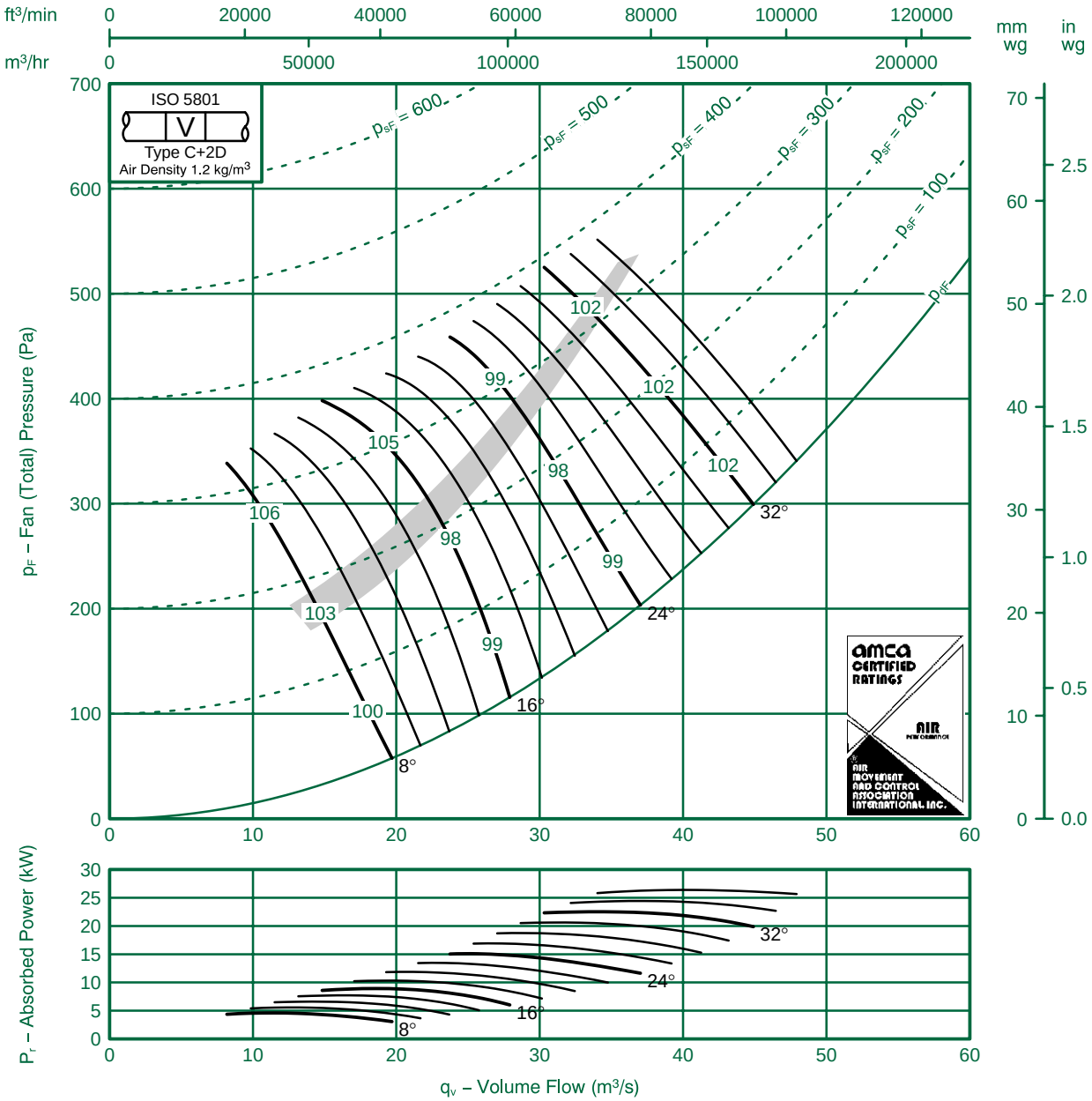

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16	—19 —13	—14 —7	—6 —10	—3 —9	—8 —8	—14 —7	—18 —8	—22 —17	16	—16 —9	—12 —4	—6 —9	—3 —9	—7 —7	—13 —6	—16 —8	—21 —15
24 —36	—10 —8	—10 —8	—9 —8	—7 —8	—7 —8	—9 —10	**—1** **—1**	—12 —13	24 —36	—6 —4	—7 —4	—7 —6	—6 —7	—6 —7	—8 —9	—10 —9	**—1** —12

JM AEROFOIL

BS 5750 Pt 1
EN 29001
ISO 9001

Fan Code: 160JM/50/8/12/...
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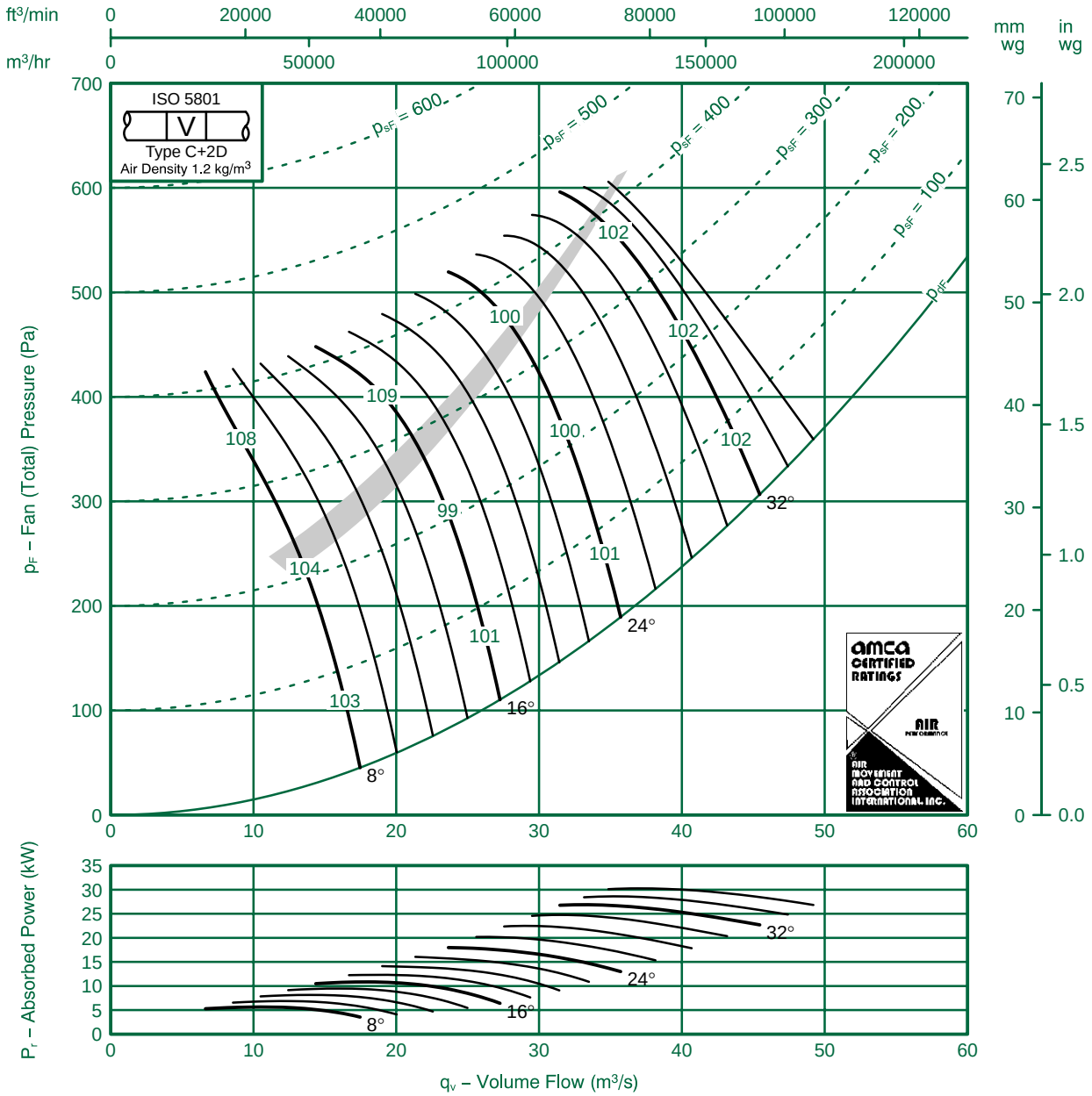

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16	—18 —14	—14 —8	—9 —12	—4 —8	—6 —7	—**1** —6	—15 —8	—22 —18	16	—15 —**1**	—**1** —6	—8 —**1**	—4 —9	—5 —7	—10 —4	—13 —5	—21 —16
24 —36	—**1** —8	—10 —7	—8 —9	—6 —8	—7 —8	—**1** —10	—13 —12	—15 —15	24 —36	—8 —4	—7 —3	—6 —7	—5 —7	—6 —7	—**1** —9	—12 —**1**	—14 —14

JM AEROFOIL

BS 5750 Pt 1
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Fan Code: 160JM/40/6/6/...
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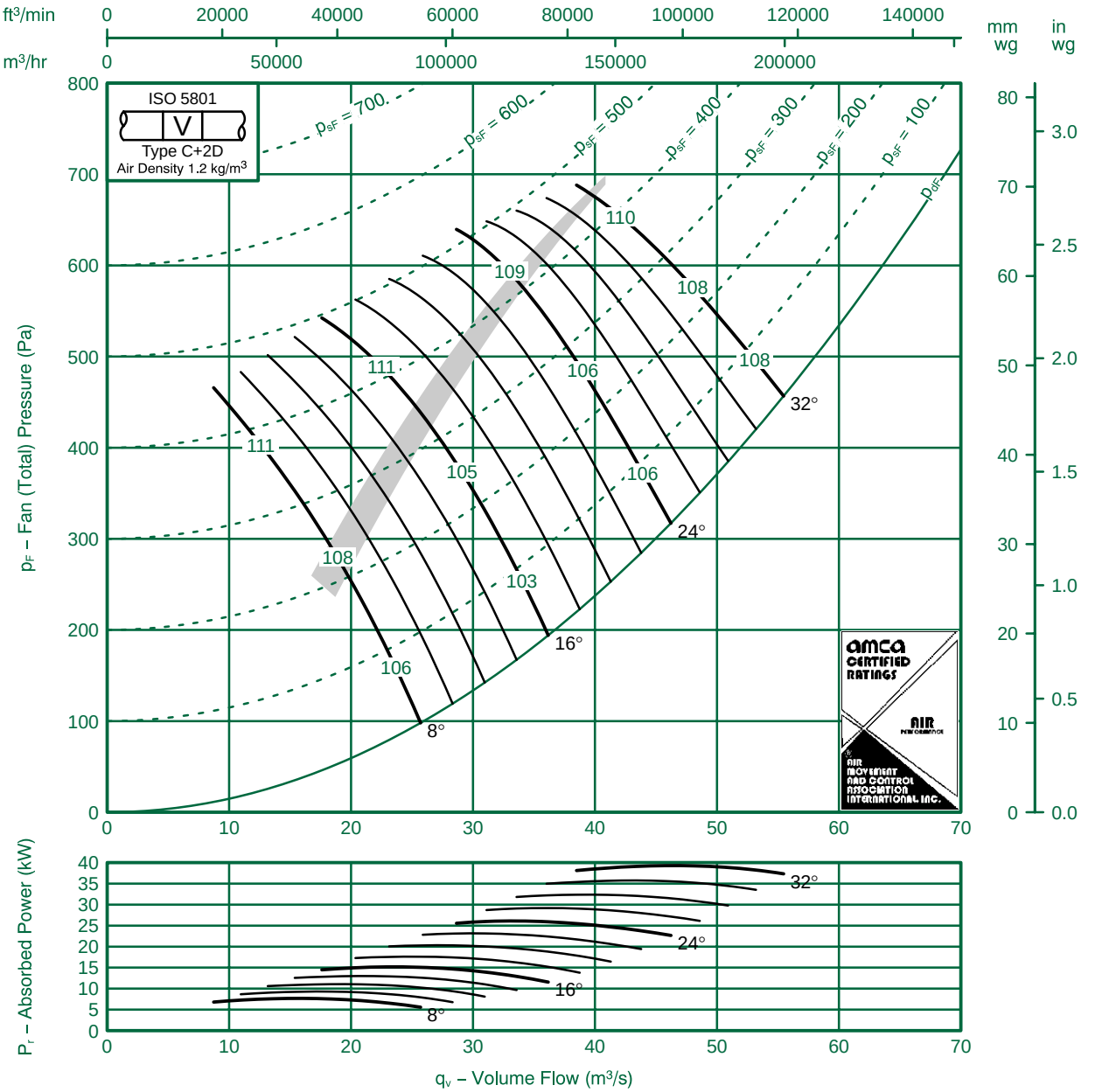

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Inlet Levels								
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8	—17 —15	—12 —**1**	—7 —13	—2 —7	—6 —4	—**1** —6	—15 —7	—22 —18
16	—13 —9	—12 —7	—12 —9	—5 —8	—5 —7	—8 —8	—10 —8	—15 —13
24 —32	—**1** —6	—7 —6	—6 —7	—4 —6	—8 —8	—12 —9	—15 —10	—17 —**1**

JM AEROFOIL

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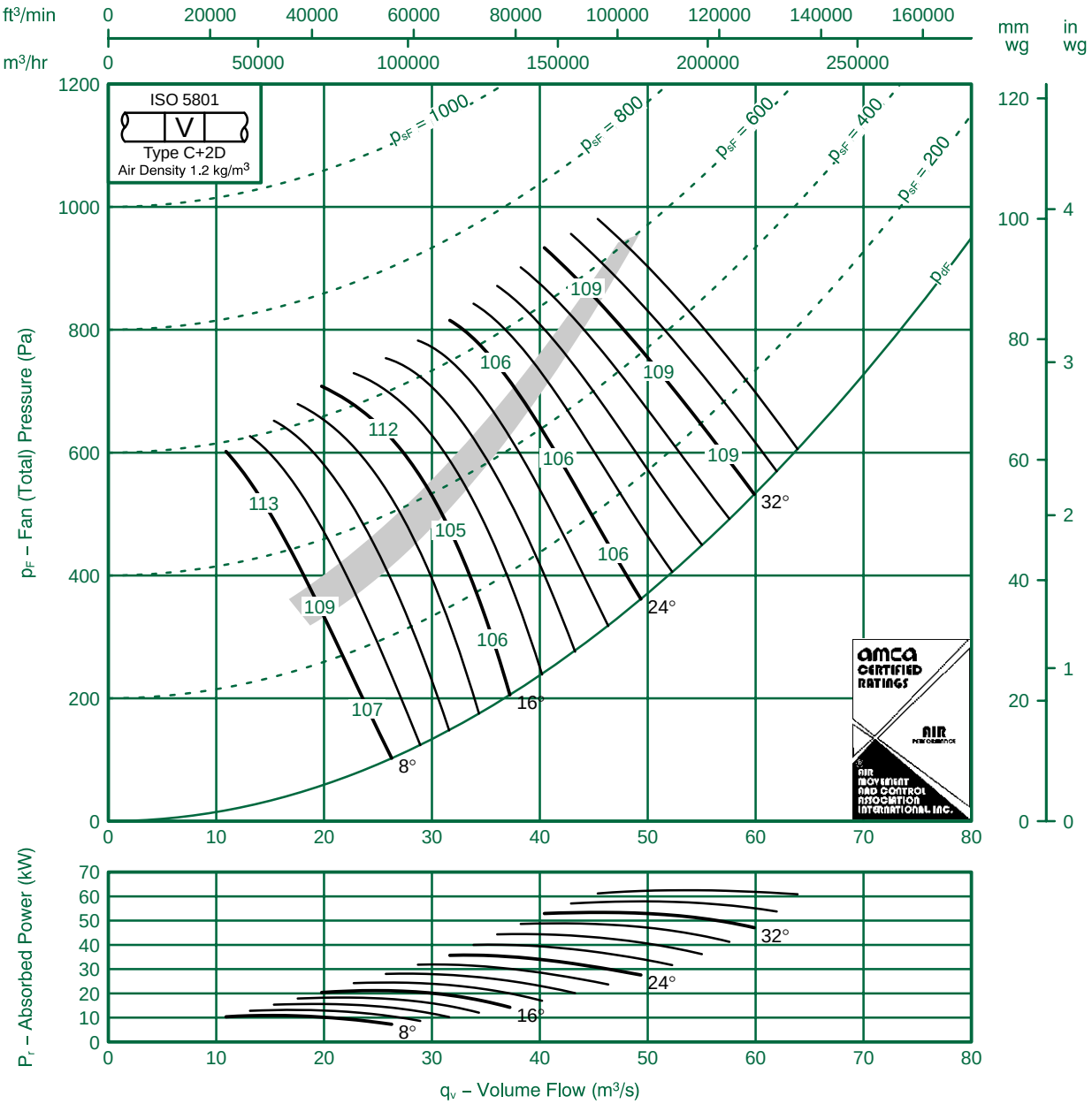

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8	—21 —18	—14 —10	—9 —14	—1 —6	—5 —3	—12 —6	—17 —8	—25 —18
16	—15 —9	—14 —3	—10 —10	—3 —10	—5 —8	—**1** —8	—14 —7	—20 —13
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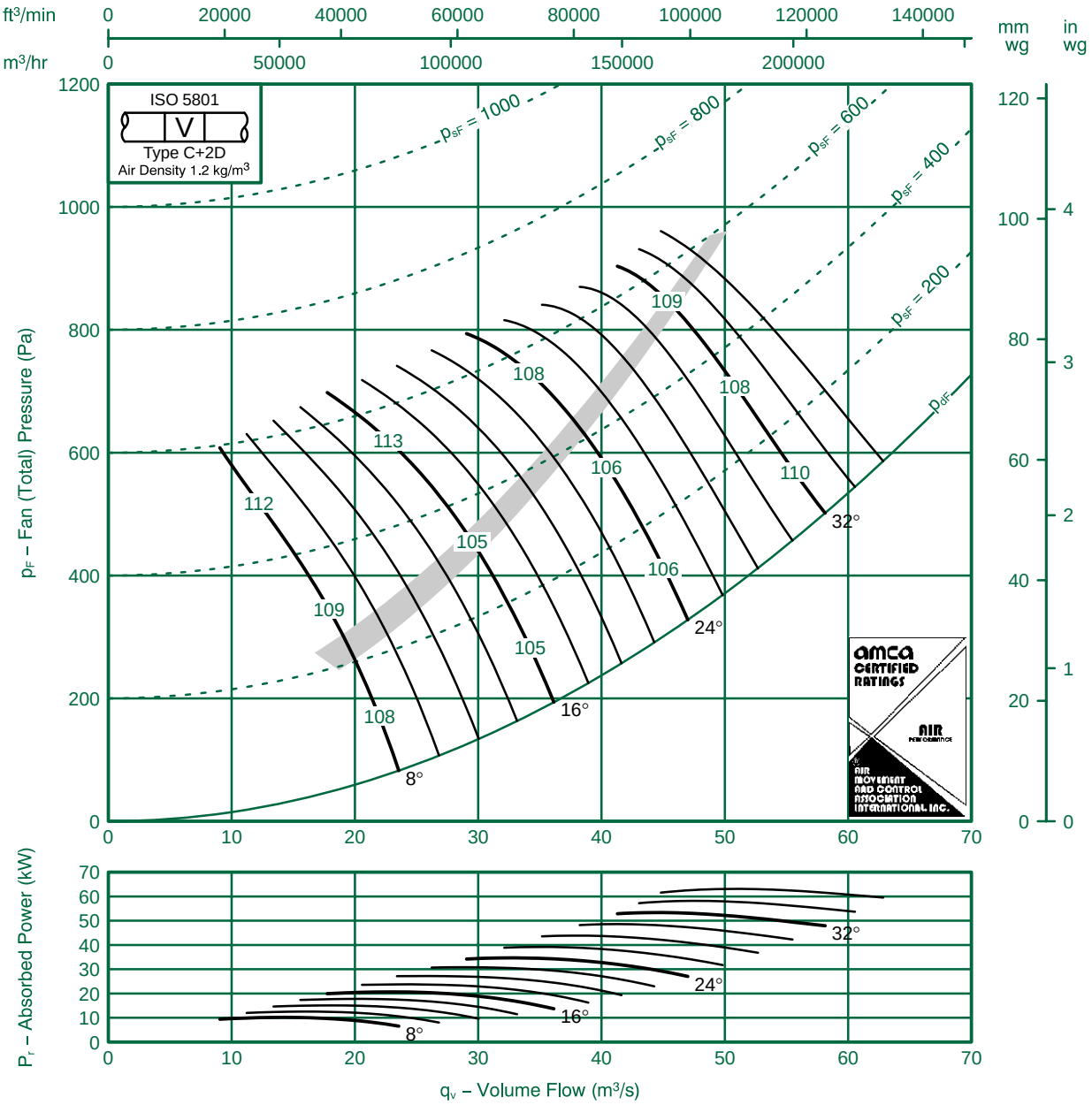

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16	—18 **—1**	—13 **—1**	—7 —10	—4 —9	—8 —8	—13 —7	—18 —7	—23 —17	16	—14 —8	**—1** —7	—5 —8	—3 —7	—6 —7	—12 —5	—16 —6	—21 —16
24 —36	**—1** —8	**—1** —9	—8 —8	—5 —8	—7 —9	**—1** —10	—15 —12	—16 —14	24 —36	—8 —5	—8 —6	—6 —6	—4 —6	—6 —8	—9 —8	—13 —10	—15 —12

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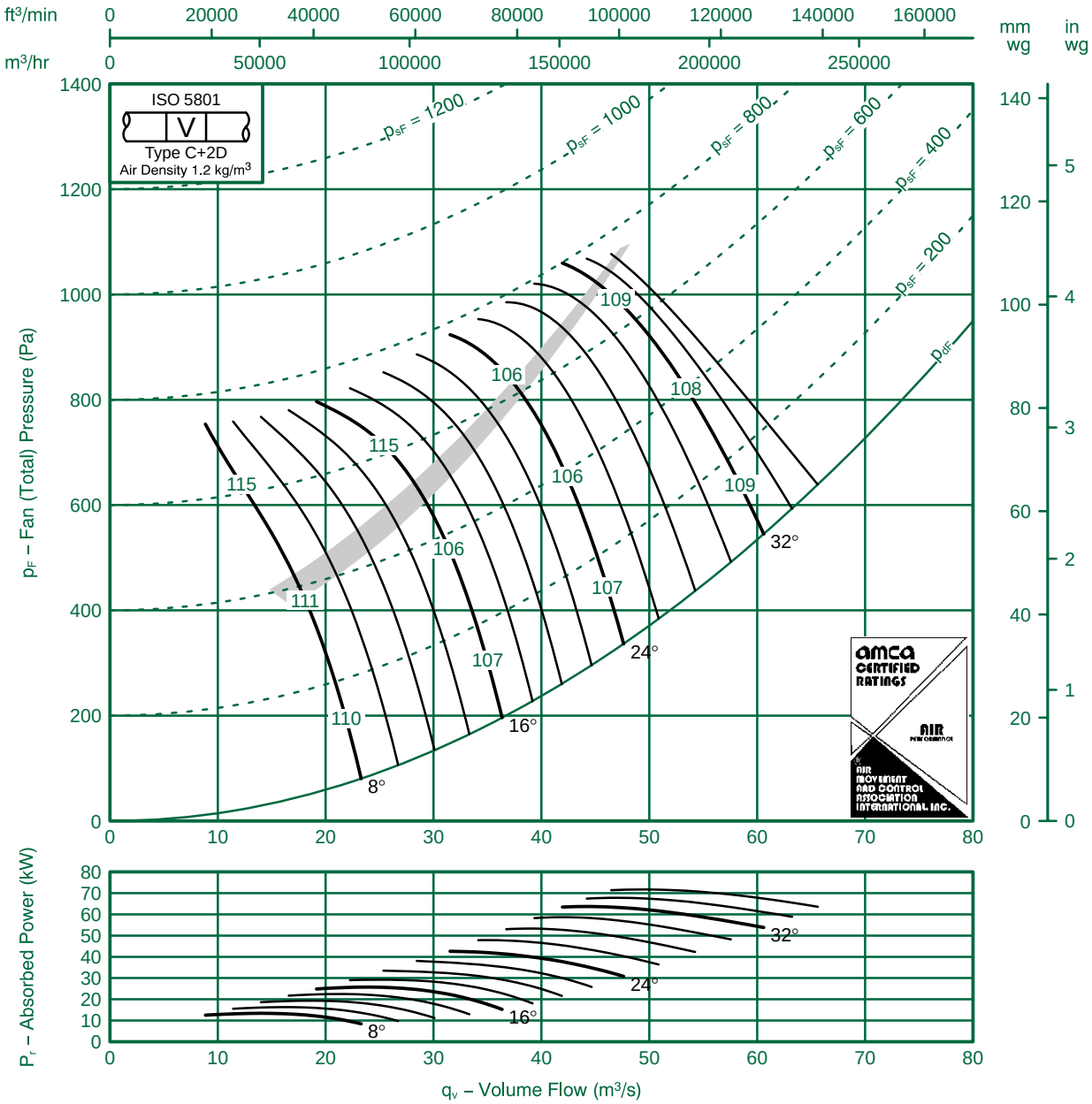

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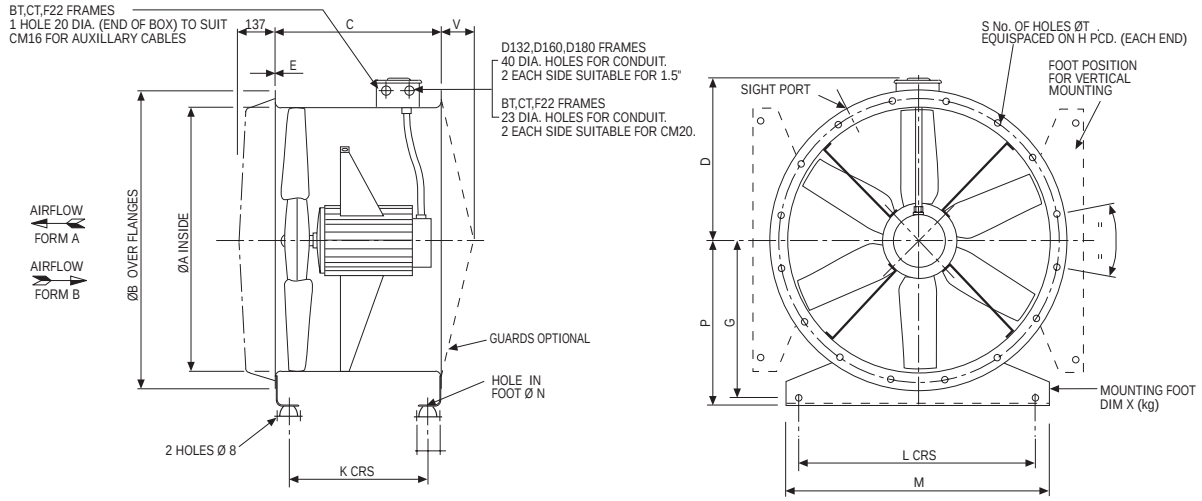
16	—17 —13	—17 —14	—12 —10	—4 —10	—5 —7	—9 —7	—13 —6	—21 —16	16	—14 —9	—15 —12	—10 —7	—4 —10	—4 —7	—9 —6	—10 —3	—19 —13
24 —36	—9 —7	—12 —10	—9 —8	—7 —8	—7 —9	—10 —9	—13 —**1**	—15 —15	24 —36	—6 —3	—9 —6	—6 —6	—5 —7	—6 —8	—9 —9	—12 —10	—14 —14

JM AEROFOIL

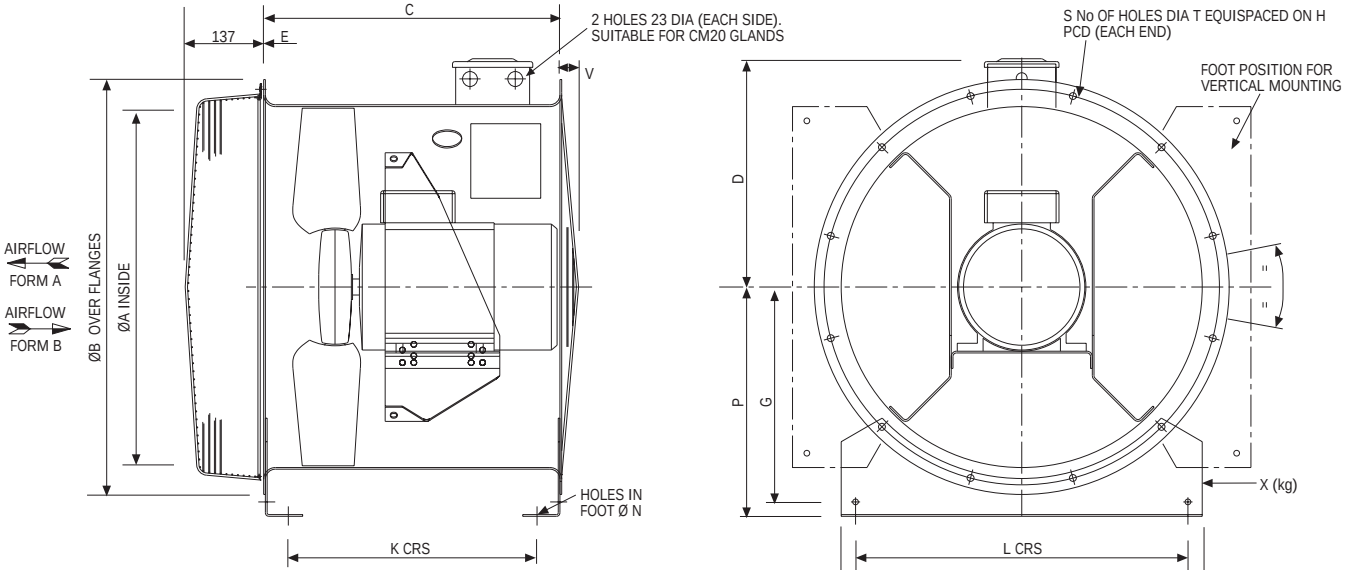
DIMENSIONS AND WEIGHTS
LONG CASED 315 - 1000 DIA - UP TO 400 HUB



Code	Motor Frame	A	B	C	D	E	G	H	K	L	M	N	P	S	T	V	X (kg)	Weight (kg)
31JM	BT4/5/9	315	395	375	235	2.5	175	355	289	265	315	10	200	8	10	30	0.7	22
	CT5/9	315	395	375	235	2.5	175	355	289	265	315	10	200	8	10	30	0.7	27
35JM	BT4/5/9	355	435	375	256	2.5	200	395	289	305	355	10	225	8	10	30	0.9	24
	CT5/9	355	435	375	256	2.5	200	395	289	305	355	10	225	8	10	30	0.9	28
40JM	BT4/5/9	400	480	375	279	2.5	225	450	289	350	400	10	250	8	12	30	1.0	26
	CT5/9	400	480	375	279	2.5	225	450	289	350	400	10	250	8	12	30	1.0	30
45JM	BT4/5/9	450	530	375	306	2.5	255	500	289	400	450	10	280	8	12	30	1.2	28
	CT5/9	450	530	375	306	2.5	255	500	289	400	450	10	280	8	12	30	1.2	32
	F22	450	530	520	306	3	255	500	434	400	450	10	280	8	12	30	1.2	50
	PM112	450	530	520	306	3	255	500	434	400	450	10	280	8	12	30	1.2	57
50JM	BT5/9	500	594	375	338	2.5	290	560	280	450	500	10	315	12	12	30	1.7	28
	CT5/9	500	594	375	338	2.5	290	560	280	450	500	10	315	12	12	30	1.7	34
	F22	500	594	520	338	3	290	560	424	450	500	10	315	12	12	30	1.7	60
	PM112	500	594	520	338	3	290	560	424	450	500	10	315	12	12	30	1.7	67
56JM	BT5/9	560	654	375	368	2.5	330	620	280	510	560	10	355	12	12	50	2.0	34
	CT5/9	560	654	375	368	2.5	330	620	280	510	560	10	355	12	12	50	2.0	38
	F22	560	654	520	368	3	330	620	424	510	560	10	355	12	12	50	2.0	62
	PM112	560	654	520	368	3	330	620	424	510	560	10	355	12	12	50	2.0	69
63JM	BT5/9	630	724	375	403	3	375	690	289	580	630	10	400	12	12	50	2.5	48
	CT5/9	630	724	375	403	3	375	690	289	580	630	10	400	12	12	50	2.5	52
	F22	630	724	520	403	3	375	690	434	580	630	10	400	12	12	50	2.5	70
	PM112	630	724	520	403	3	375	690	434	580	630	10	400	12	12	50	2.5	81
	D132	630	724	520	440	3	375	690	434	580	630	12	400	12	12	50	4.8	117
	D160	630	724	711	440	6	375	690	619	580	630	12	400	12	12	50	??	270
	D180	630	724	711	440	6	375	690	619	580	630	12	400	12	12	50	??	270
71JM	CT5/9	710	804	375	443	3	415	770	259	660	710	10	440	16	12	50	4.5	54
	F22	710	804	520	443	3	415	770	404	660	710	10	440	16	12	50	4.5	80
	PM112	710	804	520	443	3	415	770	404	660	710	10	440	16	12	50	4.5	87
	D132	710	804	520	480	4	415	770	404	660	710	12	440	16	12	50	5.3	168
	D160	710	804	711	480	6	415	770	589	660	710	10	440	16	12	50	5.3	258
	D180	710	804	711	480	6	415	770	589	660	710	16	450	16	12	50	7.4	280
80JM	CT5/9	800	894	375	488	3	485	860	259	750	800	10	510	16	12	50	7.0	63
	F22	800	894	520	488	3	485	860	404	750	800	10	510	16	12	50	7.0	90
	PM112	800	894	520	488	3	485	860	404	750	800	10	510	16	12	50	7.0	96
	D132	800	894	520	525	5	485	860	400	750	800	12	510	16	12	50	7.0	192
	D160	800	894	711	525	6	485	860	589	750	800	12	510	16	12	50	7.0	258
	D180	800	894	711	525	6	485	860	589	750	800	12	510	16	12	50	8.5	300
90JM	F22	900	1006	520	538	3	491	970	444	850	900	10	518	16	15	50	4.5	94
	PM112	900	1006	520	538	3	491	970	444	850	900	10	518	16	15	50	4.5	101
	D132	900	1006	520	575	5	491	970	440	850	900	12	518	16	15	50	5.3	206
	D160	900	1006	711	575	5	491	970	629	850	900	12	518	16	15	50	5.3	270
	D180	900	1006	711	575	6	491	970	629	850	900	12	518	16	15	50	5.3	312
100JM	F22	1000	1106	520	588	3	547	1070	444	950	1000	10	574	16	15	50	5.3	102
	PM112	1000	1106	520	588	3	547	1070	444	950	1000	10	574	16	15	50	5.3	109
	D132	1000	1106	520	625	5	547	1070	444	950	1000	12	574	16	15	50	6.2	227
	D160	1000	1106	711	625	6	547	1070	539	950	1000	12	574	16	15	50	6.2	286
	D180	1000	1106	711	625	6	547	1070	629	950	1000	12	574	16	15	50	12.5	328
100JM/40	D160	1000	1106	750	630	6	547	1070	669	950	1000	16	574	16	15	50	12.5	330
	D180	1000	1106	800	630	6	547	1070	718	950	1000	16	574	16	15	50	12.5	403

All dimensions in mm

DIMENSIONS AND WEIGHTS - FOOT MOUNTED LONG CASED 500 - 1000 DIA - UP TO 315 HUB

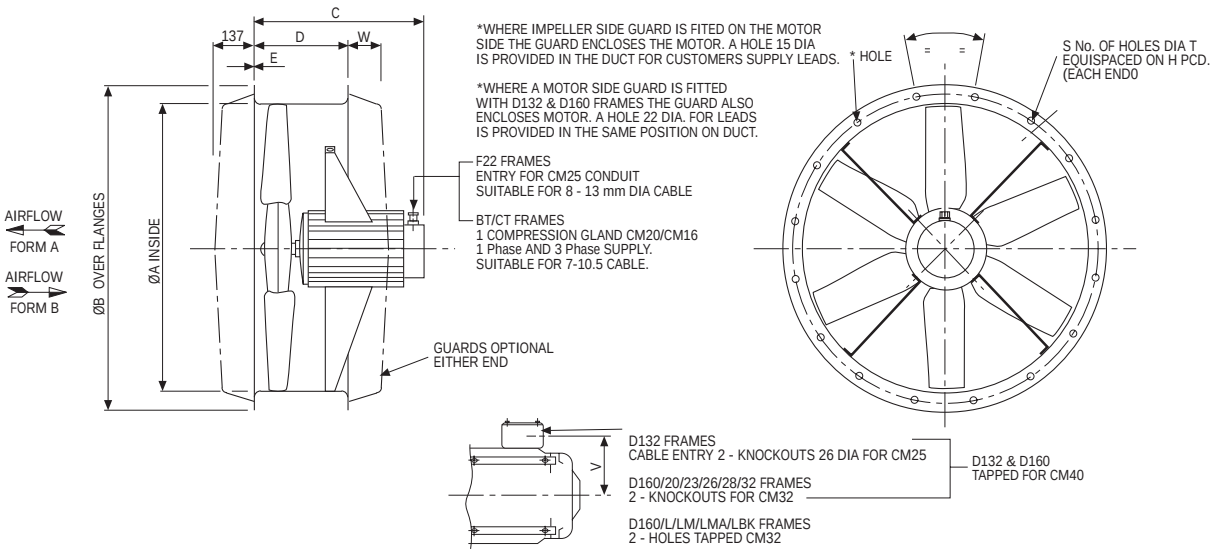


Code	Motor	A	B	C	D	E	G	H	K	L	M	N	P	S	T	V	X (kg)	Weight (kg)
50JM	D80	500	594	520	338	3	290	560	424	450	500	10	315	12	12	30	2.0	52
	D90	500	594	520	338	3	290	560	424	450	500	10	315	12	12	30	2.0	65
	D100	500	594	520	338	3	290	560	424	450	500	10	315	12	12	30	2.0	74
	D112	500	594	520	338	3	290	560	424	450	500	10	315	12	12	30	2.0	86
56JM	D80	560	654	520	368	3	330	620	424	510	560	10	355	12	12	50	2.3	56
	D90	560	654	520	368	3	330	620	424	510	560	10	355	12	12	50	2.3	68
	D100	560	654	520	368	3	330	620	424	510	560	10	355	12	12	50	2.3	78
	D112	560	654	520	368	3	330	620	424	510	560	10	355	12	12	50	2.3	90
63JM	D80	630	724	520	403	3	375	690	424	580	630	10	400	12	12	50	2.4	63
	D90S/L	630	724	520	403	3	375	690	424	580	630	10	400	12	12	50	2.4	76
	D100	630	724	520	403	3	375	690	424	580	630	10	400	12	12	50	2.4	92
	D112	630	724	520	403	3	375	690	424	580	630	10	400	12	12	50	2.4	104
	D132S/M	630	724	620	440	4	375	690	532	580	630	10	400	12	12	50	2.4	158
	D160M/L	630	724	725	440	4	375	690	637	580	630	10	400	12	12	50	2.4	230
63JM/31	D132S/M	630	724	725	440	5	375	690	637	580	630	10	400	12	12	50	2.4	180
	D160M/L	630	724	800	440	5	375	690	712	580	630	10	400	12	12	50	2.4	248
71JM	D80	710	804	520	443	3	415	770	404	660	710	10	440	16	12	50	4.5	66
	D90/SL	710	804	520	443	3	415	770	404	660	710	10	440	16	12	50	4.5	78
	D100	710	804	520	443	3	415	770	404	660	710	10	440	16	12	50	4.5	95
	D112	710	804	520	443	3	415	770	404	660	710	12	440	16	12	50	4.5	107
	D132S/M	710	804	620	480	5	415	770	532	660	710	10	440	16	12	50	4.5	163
71JM/31	D132S/M	710	804	725	480	6	415	770	637	660	710	12	440	16	12	50	4.5	195
	D160M/L	710	804	800	480	6	415	770	712	660	710	12	440	16	12	50	4.5	270
80JM	D80	800	894	520	488	3	485	860	404	750	800	10	510	16	12	50	5.8	72
	D90S/L	800	894	520	488	3	485	860	404	750	800	10	510	16	12	50	5.8	85
	D100	800	894	520	488	3	485	860	404	750	800	10	510	16	12	50	5.8	101
	D112	800	894	520	488	3	485	860	404	750	800	10	510	16	12	50	5.8	113
	D132S/M	800	894	620	525	5	485	860	500	750	800	12	510	16	12	50	5.8	186
	D160M/L	800	894	725	525	6	485	860	637	750	800	12	510	16	12	50	5.8	263
80JM/31	D132S/M	800	894	725	525	5	485	860	637	750	800	12	510	16	12	50	5.8	207
	D160M/L	800	894	800	525	6	485	860	712	750	800	12	510	16	12	50	5.8	282
90JM	D100	900	1006	520	488	3	491	970	404	850	900	10	518	16	15	50	5.8	107
	D112	900	1006	520	488	3	491	970	404	850	900	10	518	16	15	50	5.8	119
	D132S/M	900	1006	620	525	5	491	970	500	850	900	12	518	16	15	50	5.8	198
	D160M/L	900	1006	725	525	6	491	970	637	850	900	12	518	16	15	50	5.8	278
100JM	D100	1000	1106	520	488	3	547	1070	404	950	1000	10	574	16	15	50	6.2	112
	D112	1000	1106	520	488	3	547	1070	404	950	1000	10	574	16	15	50	6.2	125
	D132S/M	1000	1106	620	525	5	547	1070	500	950	1000	12	574	16	15	50	6.2	209
	D160M/L	1000	1106	725	525	5	547	1070	637	950	1000	12	574	16	15	50	6.2	236
100JM/31	D132S/M	1000	1106	725	525	6	547	1070	637	950	1000	12	574	16	15	50	6.2	290
	D160M/L	1000	1106	800	525	6	547	1070	712	950	1000	12	574	16	15	50	6.2	313

Dimensions in mm

JM AEROFOIL

DIMENSIONS AND WEIGHTS
SHORT CASED 315 - 1000 DIA - UP TO 400 HUB



Code	Motor Frame	A	B	C	D	E	H	S	T	V	W	Weight (kg)
31JM	BT4/5	315	395	301	225	2.5	355	8	10	-	137	13.5
	BT9	315	395	333	225	2.5	355	8	10	-	137	15
	CT5	315	395	308	225	2.5	355	8	10	-	137	15.5
	CT9	315	395	348	225	2.5	355	8	10	-	137	20
35JM	BT4/5	355	435	301	225	2.5	395	8	10	-	137	14
	BT9	355	435	333	225	2.5	395	8	10	-	137	15.5
	CT5	355	435	308	225	2.5	395	8	10	-	137	16.5
	CT9	355	435	348	225	2.5	395	8	10	-	137	20.5
40JM	BT4/5	400	480	301	225	2.5	450	8	12	-	137	15
	BT9	400	480	333	225	2.5	450	8	12	-	137	16.5
	CT5	400	480	308	225	2.5	450	8	12	-	137	17
	CT9	400	480	348	225	2.5	450	8	12	-	137	21
45JM	BT4/5	450	530	301	225	2.5	500	8	12	-	137	17
	BT9	450	530	333	225	2.5	500	8	12	-	137	18.5
	CT5	450	530	308	225	2.5	500	8	12	-	137	19
	CT9	450	530	348	225	2.5	500	8	12	-	137	23
	F22	450	530	444	225	3	500	8	12	-	137	40
	PM112	450	530	392	225	3	500	8	12	-	137	47
50JM	BT5	500	594	301	225	2.5	560	12	12	-	137	19
	BT9	500	594	333	225	2.5	560	12	12	-	137	20
	CT5	500	594	308	225	2.5	560	12	12	-	137	20.5
	CT9	500	594	348	225	2.5	560	12	12	-	137	25
	F22	500	594	444	225	3	560	12	12	-	137	43
	PM112	500	594	392	225	3	560	12	12	-	137	50
56JM	BT5	560	654	301	225	2.5	620	12	12	-	137	20
	BT9	560	654	333	225	2.5	620	12	12	-	137	21.5
	CT5	560	654	308	225	2.5	620	12	12	-	137	22
	CT9	560	654	348	225	2.5	620	12	12	-	137	26
	F22	560	654	444	225	3	620	12	12	-	137	45
	PM112	560	654	392	225	3	620	12	12	-	137	52
63JM	BT5	630	724	301	225	3	690	12	12	-	137	34
	BT9	630	724	333	225	3	690	12	12	-	137	35.5
	CT5	630	724	308	225	3	690	12	12	-	137	36
	CT9	630	724	348	225	3	690	12	12	-	137	40
	F22	630	724	404	225	3	690	12	12	-	137	49
	PM112	630	724	459	225	3	690	12	12	-	200	60
	D132	630	724	445	260	4	690	12	12	160	450	94
	D160	630	724	575	260	4	690	12	12	200	450	172
63JM/31	D160	630	724	610	300	5	690	12	12	225	450	198
	D180	630	724	610	300	5	690	12	12	225	450	198

All dimensions in mm

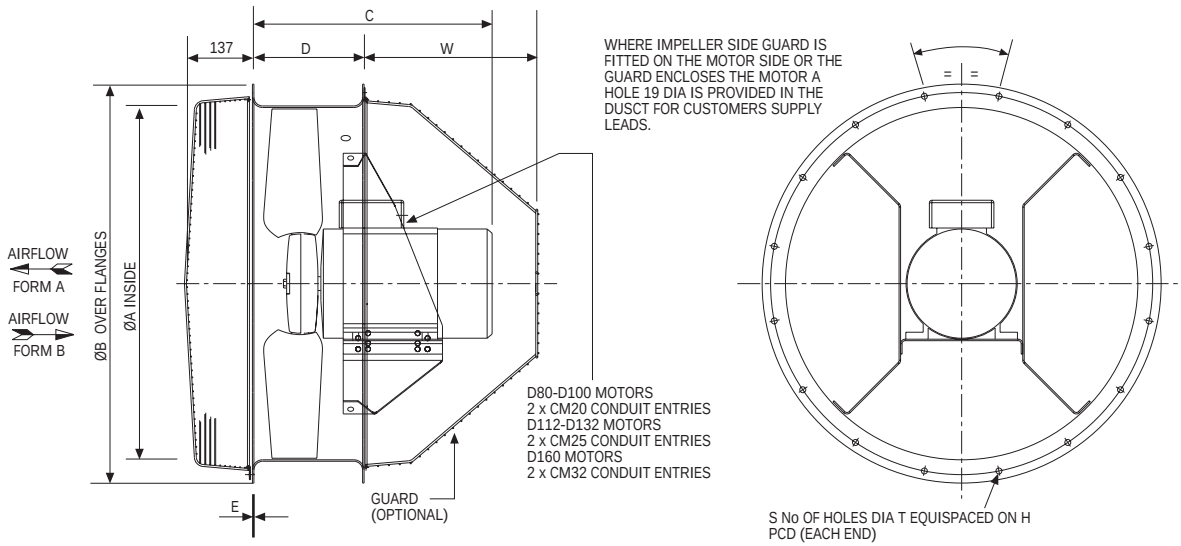
JM AEROFOIL

DIMENSIONS AND WEIGHTS
SHORT CASED 315 - 1000 DIA - UP TO 400 HUB

Code	Motor Frame	A	B	C	D	E	H	S	T	V	W	Weight (kg)
71JM	CT5	710	804	308	225	3	770	16	12	-	137	38
	CT9	710	804	348	225	3	770	16	12	-	137	42
	F22	710	804	444	225	3	770	16	12	-	137	59
	PM112	710	804	392	225	3	770	16	12	-	200	66
	D132	710	804	478	260	4	770	16	12	187	350	139
	D160	710	804	644	300	4	770	16	12	225	350	224
71JM/31	D160	710	804	644	300	5	770	16	12	225	350	254
	D180	710	804	665	300	6	770	16	12	243	350	257
80JM	CT5	800	894	308	225	3	860	16	12	-	137	43
	CT9	800	894	348	225	3	860	16	12	-	137	47
	F22	800	894	444	225	3	860	16	12	-	137	65
	PM112	800	894	392	225	3	860	16	12	-	200	72
	D132	800	894	478	260	4	860	16	12	187	350	174
	D160	800	894	610	260	4	860	16	12	225	350	258
80JM/31	D160	800	894	610	300	4	860	16	12	225	350	263
	D180	800	894	665	300	6	860	16	12	243	350	295
90JM	F22	900	1006	444	225	3	970	16	15	-	137	67
	PM112	900	1006	392	225	3	970	16	15	-	200	74
	D132	900	1006	438	300	5	970	16	15	187	310	143
	D160	900	1006	609	300	5	976	16	15	225	365	276
100JM	F22	1000	1106	444	225	3	1070	16	15	-	137	72
	PM112	1000	1106	392	225	3	1070	16	15	-	200	79
	D132	1000	1106	478	300	5	1070	16	15	187	201	190
	D160	1000	1106	610	300	5	1070	16	15	225	420	291
	D180	1000	1106	700	350	6	1070	16	15	243	370	350
100M/40	D160	1000	1106	660	350	6	1070	16	15	225	372	274
	D180	1000	1106	742	350	6	1070	16	15	243	427	347

All dimensions in mm

DIMENSIONS AND WEIGHTS - FOOT MOUNTED SHORT CASED 500 - 1000 DIA - UP TO 315 HUB

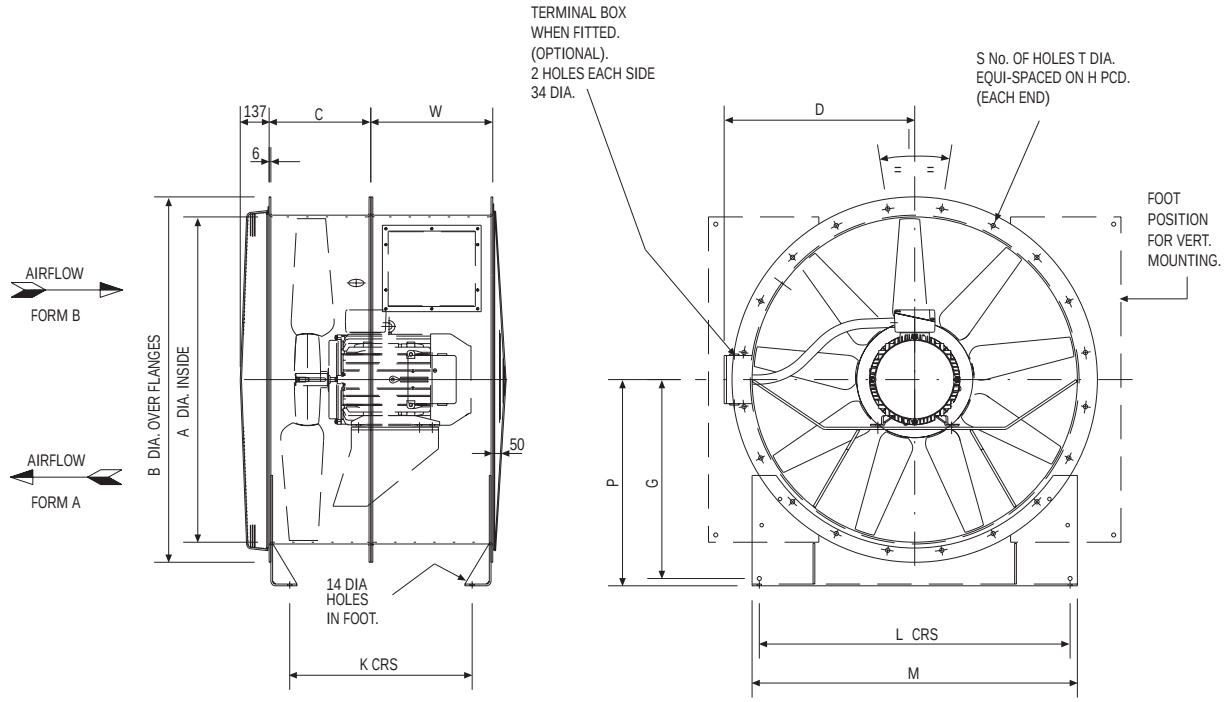


Code	Motor	A	B	C	D	E	H	S	T	V	W	Weight (kg)
50JM	D80	500	594	401	225	2.5	560	12	12	-	350	43
	D90	500	594	453	225	2.5	560	12	12	-	350	56
	D100	500	594	466	225	3	560	12	12	-	350	65
	D112	500	594	482	225	3	560	12	12	-	350	76
56JM	D80	560	654	401	225	2.5	620	12	12	-	350	44
	D90	560	654	453	225	2.5	620	12	12	-	350	57
	D100	560	654	466	225	3	620	12	12	-	350	66
	D112	560	654	483	225	3	620	12	12	-	350	82
63JM	D80	630	724	401	225	3	690	12	12	-	350	46
	D90S/L	630	724	453	225	3	690	12	12	-	350	61
	D100	630	724	466	225	3	690	12	12	-	350	77
	D112	630	724	483	225	3	690	12	12	-	350	93
	D132S/M	630	724	594	260	4	690	12	12	-	425	134
	D160M/L	630	724	696	260	4	690	12	12	-	425	209
63JM/31	D132S/M	630	724	594	260	4	690	12	12	225	425	139
	D160M/L	630	724	688	300	5	690	12	12	225	425	214
71JM	D80	710	804	401	225	3	770	16	12	-	350	50
	D90	710	804	453	225	3	770	16	12	-	350	63
	D100	710	804	466	260	4	770	16	12	-	350	72
	D112	710	804	483	260	4	770	16	12	-	350	97
	D132	710	804	594	260	4	770	16	12	187	425	137
71JM/31	D160	710	804	594	260	4	770	16	12	225	425	152
	D180	710	804	688	300	5	770	16	12	243	425	218
80JM	D80	800	894	401	225	3	860	16	12	-	350	56
	D90	800	894	453	225	3	860	16	12	-	350	69
	D100	800	894	466	260	4	860	16	12	-	350	78
	D112	800	894	483	260	4	860	16	12	-	350	99
	D132	800	894	594	260	4	860	16	12	187	425	142
	D160	800	894	696	300	4	860	16	12	225	425	210
80JM/31	D160	800	894	594	260	4	860	16	12	225	425	152
	D180	800	894	688	300	5	860	16	12	243	425	220
90JM	D100	900	1006	466	260	4	970	16	15	-	350	87
	D112	900	1006	483	260	4	970	16	15	-	350	106
	D132	900	1006	594	260	4	970	16	15	187	425	162
	D160	900	1006	696	300	4	970	16	15	225	425	230
100JM	D100	1000	1106	466	260	4	1070	16	15	-	350	91
	D112	1000	1106	483	260	4	1070	16	15	-	350	111
	D132	1000	1106	594	260	4	1070	16	15	187	425	170
	D160	1000	1106	696	300	4	1070	16	15	225	425	238
100M/31	D132	1000	1106	594	260	4	1070	16	15	225	425	176
	D160	1000	1106	688	300	5	1070	16	15	225	425	244

Dimensions in mm

JM AEROFOIL

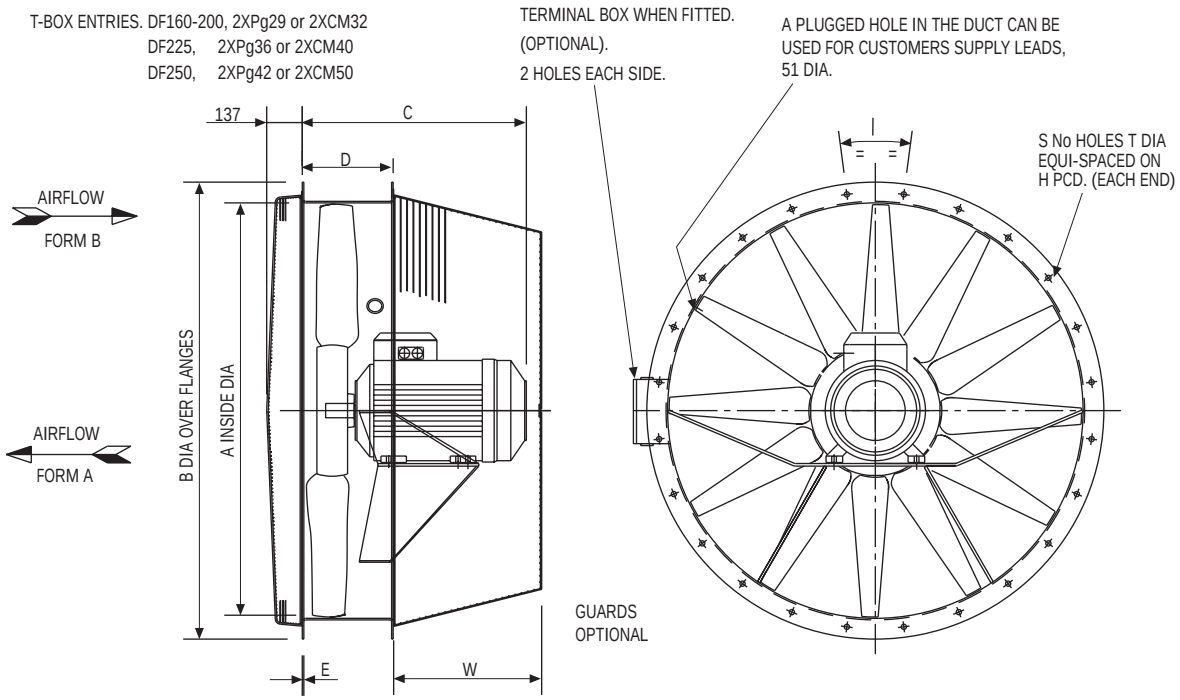
DIMENSIONS AND WEIGHTS
LONG CASED 1120 - 1600 DIA 400 & 500 HUB



Code	Motor Frame	A	B	C	D	G	H	K	L	M	P	S	T	W	Fan Only Max Frame Weight kg
112JM/40	D160	1120	1258	350	656	685	1190	698	1070	1120	710	20	15	490	385
	D180	1120	1258	350	656	685	1190	698	1070	1120	710	20	15	490	405
	D200	1120	1258	350	756	685	1190	838	1070	1120	710	20	15	630	480
	D225	1120	1258	350	756	685	1190	838	1070	1120	710	20	15	630	530
112JM/50	D160	1120	1258	350	656	685	1190	698	1070	1120	710	20	15	490	413
	D180	1120	1258	350	656	685	1190	698	1070	1120	710	20	15	490	433
	D200	1120	1258	350	756	685	1190	838	1070	1120	710	20	15	630	508
	D225	1120	1258	350	756	685	1190	838	1070	1120	710	20	15	630	558
125JM/40	D160	1250	1388	350	711	750	1320	698	1150	1250	800	20	15	490	415
	D180	1250	1388	350	711	750	1320	698	1150	1250	800	20	15	490	475
	D200	1250	1388	350	811	750	1320	838	1150	1250	800	20	15	630	525
	D225	1250	1388	350	811	750	1320	838	1150	1250	800	20	15	630	575
125JM/50	D160	1250	1388	350	711	750	1320	698	1150	1250	800	20	15	490	443
	D180	1250	1388	350	711	750	1320	698	1150	1250	800	20	15	490	493
	D200	1250	1388	350	811	750	1320	838	1150	1250	800	20	15	630	553
	D225	1250	1388	350	811	750	1320	838	1150	1250	800	20	15	630	593
140JM/40	D160	1400	1538	350	786	850	1470	698	1300	1400	900	20	15	490	470
	D180	1400	1538	350	786	850	1470	698	1300	1400	900	20	15	490	513
	D200	1400	1538	350	886	850	1470	838	1300	1400	900	20	15	630	557
	D225	1400	1538	350	886	850	1470	838	1300	1400	900	20	15	630	595
140JM/50	D160	1400	1538	350	786	850	1470	698	1300	1400	900	20	15	490	498
	D180	1400	1538	350	786	850	1470	698	1300	1400	900	20	15	490	541
	D200	1400	1538	350	886	850	1470	838	1300	1400	900	20	15	630	595
	D225	1400	1538	350	886	850	1470	838	1300	1400	900	20	15	630	623
160JM/40	D160	1600	1760	350	886	950	1680	698	1300	1600	1000	24	20	490	571
	D180	1600	1760	350	886	950	1680	698	1500	1600	1000	24	20	490	591
	D200	1600	1760	350	986	950	1680	838	1500	1600	1000	24	20	630	638
	D225	1600	1760	350	986	950	1680	838	1500	1600	1000	24	20	630	676
160JM/50	D160	1600	1760	350	886	950	1680	698	1500	1600	1000	24	20	490	599
	D180	1600	1760	350	886	950	1680	698	1500	1600	1000	24	20	490	619
	D200	1600	1760	350	986	950	1680	838	1500	1600	1000	24	20	630	666
	D225	1600	1760	350	986	950	1680	838	1500	1600	1000	24	20	630	704

All dimensions in mm

DIMENSIONS AND WEIGHTS - FOOT MOUNTED SHORT CASED 1120 - 1600 DIA 400 & 500 HUB

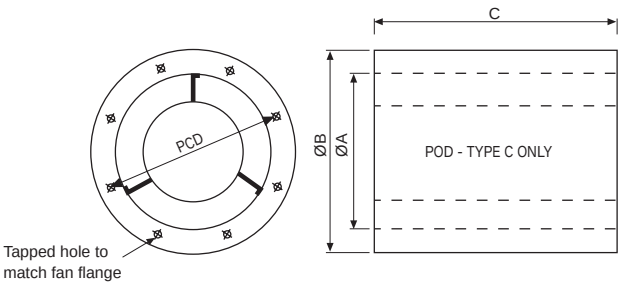


Code	Motor Frame	A	B	C	D	E	H	S	T	W	Fan Weight (kg) 400 Hub	Fan Weight (kg) 500 Hub
112JM	DF160M/L	1120	1258	760	350	6	1190	20	15	425	276	304
	DF180M/L	1120	1258	930	350	6	1190	20	15	700	296	324
	DF200L	1120	1258	858	350	6	1190	20	15	570	350	378
	DF225S/M	1120	1258	925	350	6	1190	20	15	700	400	428
	DF250M	1120	1258	1003	350	6	1190	20	15	700	600	628
125JM	DF160M/L	1250	1388	760	350	6	1320	20	15	425	290	318
	DF180M/L	1250	1388	930	350	6	1320	20	15	700	345	373
	DF200L	1250	1388	858	350	6	1320	20	15	570	370	398
	DF225S/M	1250	1388	925	350	6	1320	20	15	700	420	448
	DF250M	1250	1388	1003	350	6	1320	20	15	700	620	648
140JM	DF160M/L	1400	1538	760	350	6	1470	20	15	425	333	361
	DF180M/L	1400	1538	930	350	6	1470	20	15	700	376	404
	DF200L	1400	1538	858	350	6	1470	20	15	570	401	429
	DF225S/M	1400	1538	925	350	6	1470	20	15	700	439	469
	DF250M	1400	1538	1003	350	6	1470	20	15	700	639	669
160JM	DF160M/L	1600	1760	760	350	6	1680	24	20	425	406	434
	DF180M/L	1600	1760	930	350	6	1680	24	20	700	426	454
	DF200L	1600	1760	858	350	6	1680	24	20	570	441	469
	DF225S/M	1600	1760	925	350	6	1680	24	20	700	479	507
	DF250M	1600	1760	1003	350	6	1680	24	20	700	679	707

All dimensions in mm

ANCILLARIES

SILENCER- B TYPE

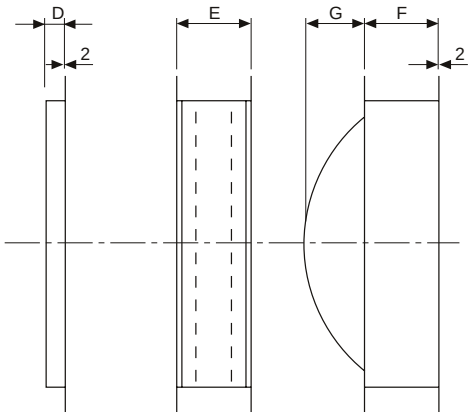


Suitable for fan ØA	B	C	Weight (kg)	
			B type	C type
315	415	315	10	13
355	455	355	12	15
400	500	400	15	18
450	600	450	20	24
500	650	500	25	29
560	710	560	30	35
630	780	630	35	42
710	860	710	44	53
800	1000	800	55	66
900	1100	900	70	84
1000	1200	1000	82	100
1120	1320	1120	100	118
1250	1450	1219	127	147
1400	1600	1400	193	220
1600	1800	1600	311	362

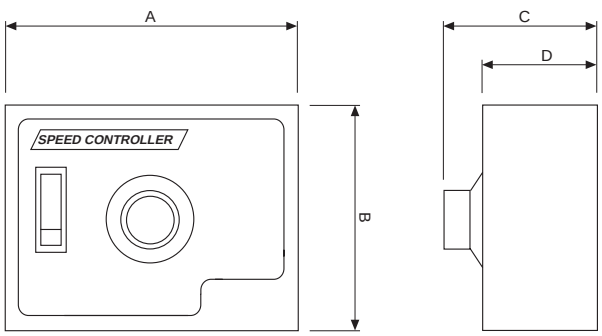
The above silencers give the approximate dB(A) reductions:-
B Type diameter length - 7 to 10 dB(A)
C Type 1 diameter length - 12 to 15dB(A)
For full acoustic details contact our
Woods Acoustic Division +44 (0)1206 544122

Suitable for fan ØA	D	E	F	G	Weight (kg)		
					Matching Flange	Flexible Connection	Damper
315	32	110	225	-	1.1	3.3	8
355	32	110	225	-	1.3	3.9	9
400	32	110	225	17	1.5	4.5	10
450	32	110	225	39	1.7	5.0	12
500	32	110	225	75	2.0	5.5	16
560	32	110	225	125	2.3	6.8	18
630	50	160	225	176	3.0	7.5	20
710	50	160	225	210	3.2	8.1	23
800	50	160	225	270	3.6	9.1	27
900	50	160	225	305	4.1	10.4	31
1000	50	160	225	345	4.6	11.6	36
1120	51	165	400	225	5.2	12.9	150
1250	51	165	400	290	5.8	14.4	166
1400	51	165	430	335	11.9	24.4	270
1600	51	165	435	435	14.8	30.3	300

MATCHING FLANGE **FLEXIBLE CONNECTOR** **DAMPER**



SPEED CONTROLLER

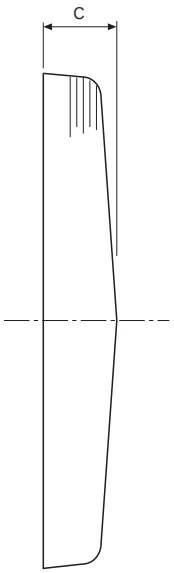


Typ	A	B	C	D
ME1.1	104	83	55	40
ME1.3	148	87	62	47
ME1.6	148	87	62	47
MT1.1	124	124	60	52
MT1.5	160	270	196	161
MT1.8	160	270	196	161
MT3.0.5	160	270	196	161
MT3.1	160	270	196	161
MT3.2	160	270	196	161
ME3.2D	225	192	96	80
ME1.12	210	180	81	65
MT1.12	236	316	188	153

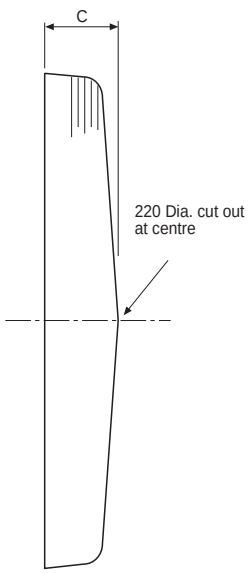
ANCILLARIES

GUARDS

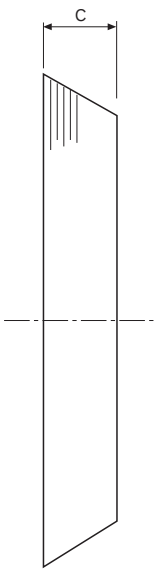
Type I
Impeller Side (all)
& Motor Side
(BT & CT)



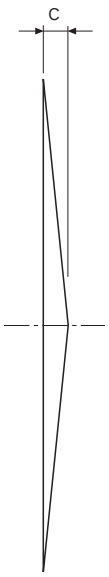
Type II
Motor Side
(S Type)
(F22)



Type III
Motor Side
(S Type)
(D132 & above)

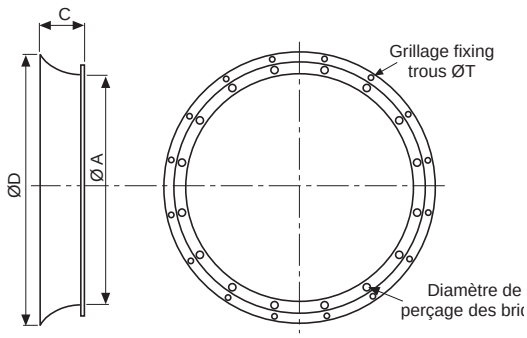


Type IV
Bellmouth &
Motor Side
(S Type all)



Suitable for fan ØA	Type	C	Weight kg (max.)
315	I	137	1.2
315	IV	30	0.5
355	I	137	1.4
355	IV	30	0.5
400	I	137	1.6
400	IV	30	0.6
450	I	137	1.8
450	II	137	1.6
450	IV	30	0.6
500	I	137	2.0
500	II	137	1.8
500	IV	30	0.7
560	I	137	2.2
560	II	137	2.0
560	IV	50	1.0
630	I	137	2.8
630	II	137	2.6
630	III	370	3.0
630	IV	50	1.2
710	I	137	3.2
710	II	137	3.0
710	III	370	3.4
710	IV	50	1.4
800	I	137	3.5
800	II	137	3.3
800	III	370	3.9
800	IV	50	1.5
900	I	137	4.2
900	II	137	4.2
900	III	310	4.8
900	IV	50	1.7
1000	I	137	5.0
1000	II	137	4.8
1000	III	310	5.6
1000	IV	50	2.0
1120	I	137	7.1
1120	III	572	11.8
1120	IV	50	6.9
1250	I	137	6.4
1250	III	572	12.0
1250	IV	50	6.4
1400	I	137	8.0
1400	III	572	13.5
1400	IV	50	7.1
1600	I	137	9.0
1600	III	702	18.9
1600	IV	50	8.8

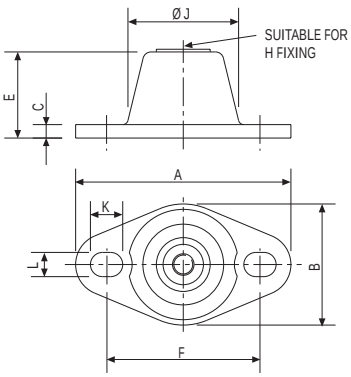
BELLMOUTH



Adaptable sur ventilateurs type A	C	D	Poids en kg
315	65	379	1.0
355	85	423	1.2
400	80	480	1.5
450	95	536	2.0
500	87	600	3.2
560	100	668	4.0
630	108	757	4.8
710	126	857	5.4
800	134	957	6.8
900	150	1077	8.0
1000	167	1199	17.8
1120	188	1349	19.9
1250	210	1504	25.0
1400	250	1680	31.0
1600	260	1906	46.0

VIBRATION ISOLATORS

Type	A	B	C	E	F	H	J	K	L	Load Range (kg)
19.100.Yellow	80	45	5	32	57	M8	41	12	9	5-28
19.100.Blue	80	45	5	32	57	M8	41	12	9	9-50
19.100.Red	80	45	5	32	57	M8	41	12	9	15-80
19.101.Yellow	95	60	5	45	71	M10	56	14	9	15-110
19.101.Blue	95	60	5	45	71	M10	56	14	9	23-180
19.101.Red	95	60	5	45	71	M10	56	14	9	35-280
19.102.Yellow	150	86	6	70	115	M12	82	22	11	19-150
19.102.Blue	150	86	6	70	115	M12	82	22	11	34-260
19.102.Red	150	86	6	70	115	M12	82	22	11	48-400



USEFUL INFORMATION

FAN LAWS

SPEED CHANGE – CONSTANT SIZE – CONSTANT DENSITY

Volume Flow	$\propto$	Rotational Speed
Pressure (Static, Dynamic and Total)	$\propto$	(Rotational Speed)^2
Power Absorbed	$\propto$	(Rotational Speed)^3

SIZE CHANGE – CONSTANT SPEED – CONSTANT DENSITY

(For geometrically similar fans only)

Volume Flow	$\propto$	(Impeller Diameter)^3
Pressure (Static, Dynamic and Total)	$\propto$	(Impeller Diameter)^2
Power Absorbed	$\propto$	(Impeller Diameter)^5

DENSITY CHANGE – CONSTANT SPEED – CONSTANT SIZE

Volume Flow	=	No change
Pressure (Static, Dynamic and Total)	$\propto$	Density
Power Absorbed	$\propto$	Density

The laws can be combined where simultaneous changes in size, speed and density are required.

AIR DENSITY

Standard Air density is 1.2kg/m^3

One condition that gives Standard Air is:
16°C, 100 kPa barometric pressure, 65% relative humidity.

CHANGE DUE TO TEMPERATURE

$$\text{New Density} = \text{Old Density} \times \left\{ \frac{273 + \text{Old Temperature °C}}{273 + \text{New Temperature °C}} \right\} \text{ kg/m}^3$$

Change due to altitude

$$\text{New Density} = \text{Old Density} \times \left\{ \frac{288 - 0.00649\ H}{288} \right\}^{4.256} \text{ kg/m}^3$$

Where H = Height above sea level in metres

PRESSURE

It is possible to convert from Total Pressure (P_F) to Static Pressure (P_{sF}) using the following equation(s):-

Total Pressure (P_F) = Static Pressure (P_{sF}) + Dynamic Pressure (P_{dF})

and Static Pressure (P_{sF}) = Total Pressure (P_F) - Dynamic Pressure (P_{dF})

Dynamic Pressure (P_{dF}) is also known as Velocity Pressure (P_V) and this is a function of Volume Flow (q_V) and fan outlet area (m^2). This can be calculated using:-

Dynamic Pressure (P_{dF}) = $0.5\rho\ V^2$ (Pa)

Where ρ = Air Density (kg/m^3) - Standard is 1.2 kg/m^3

V = Air Velocity (m/s)

Air Velocity - $V = \frac{q_V \times 4}{\pi\ d^2}$ where d is the diameter of the fan (m)

q_V = Volume Flow (m^3/s)

ABSORBED POWER

$$\text{Absorbed Power} = \left\{ \frac{\text{Volume flow (m}^3\text{/s x Total Pressure (Pa)}}{\text{Total Efficiency x10}} \right\} \text{ kW}$$