Axial Fans

systemair

Systemair around the globe

Systemair was founded in 1974 with an innovative idea of creating an in-line centrifugal fan for circular ducts, which simplified ventilation.

Today, our company is one of the global leaders in the field of ventilation & air conditioning technology, with its operations spread across four continents. Our main focus is to develop products that supply, extract, convey, heat, cool and distribute air energy efficiently in a building. Our products are energy efficient, robust, easy to select, install and use.

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Countries with Sales Subsidiaries

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Production Facilities

Always close to you!

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Systemair- We make in India

MARKET-LEADING PRODUCTS AND SOLUTIONS

Innovative product development closely tied into external trends are crucial to our ability to offer market-leading products and solutions that help customers to meet their challenges – today and tomorrow.

Systemair started operations in India in 2006 to meet the needs of fast growing markets. Today, Systemair India Pvt. Ltd. (100% owned subsidiary of Systemair AB, Sweden), is a reputed manufacturer in ventilation and air conditioning equipments.

In India, Systemair has 9 offices in Noida, Hyderabad, Bengaluru, Chennai, Kochi, Kolkata, Pune, Mumbai & Ahmedabad and 2 ultra-modern factories located at Greater Noida & Hyderabad.

The Greater Noida factory is a LEED Platinum certified building with an ultra mordern Research & Development center having Air Terminal Devices Laboratory built as per EN 12238 and Air & Sound measurement laboratory which is **"AMCA Accredited"** as per AMCA 210 & 300 standards.

The team of 400 dedicated professionals are now working in India looking after sales, technical support, production & logistics.

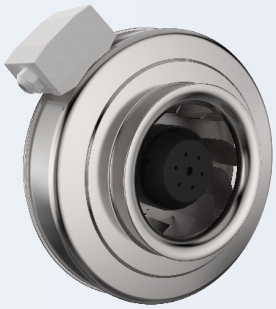
LEED certified Platinum rated Unit, India.

Manufacturing Facility, India.

Acoustic Lab, India.

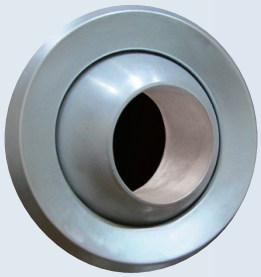
The wide product range manufactured in India are `Fans' `Air handling units' & `Air distribution & Fire safety products'

Fans

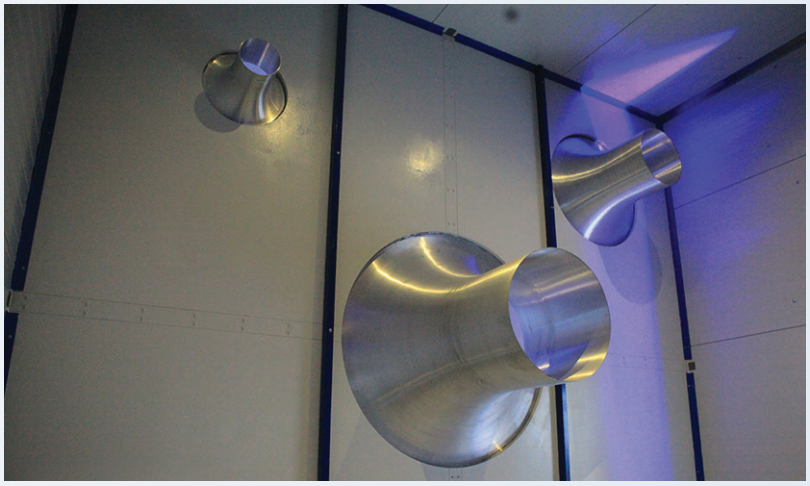


Air Handling Units

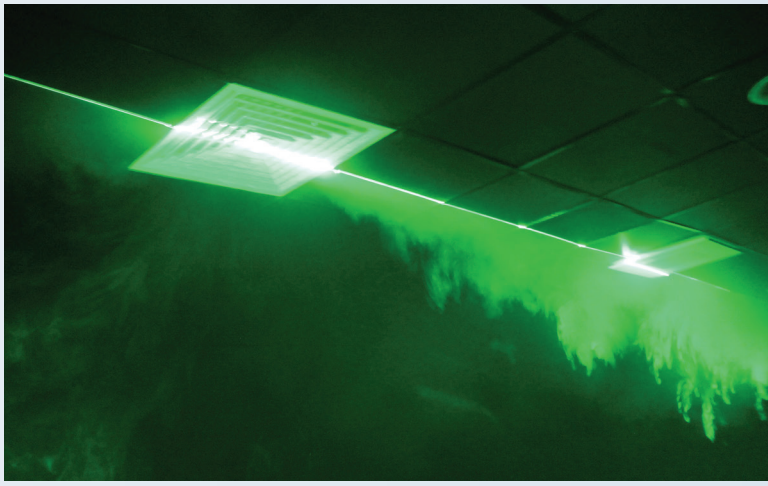
Air Distribution & Fire Safety



Explore more about air handlers with us >>>



Air Flow Chamber, India.



ATD Lab, India.

A good indoor climate is vital

We often take natural resources such as fresh air for granted. We must however remain frugal with this essential resource and mindful of maintaining a responsible balance between the designing of good ventilation systems and considering energy consumption and well thought out material usage and production methods. Systemair has recognized this need and has developed the "Green Ventilation" registered trade mark for ventilation labelling these products.

Heat recovery

In areas with a relatively low average annual temperature, ventilation systems employ effective heat recovery that returns energy from extract air to the supply air. A good rotating heat exchanger can recover up to 90% of the energy present.

Energy-efficient fans

Today, there is a new generation of fan motors that contribute to a dramatic reduction in energy consumption, as much as 50% in some cases. The new EC motors are better suited to speed control functions, which is where considerable energy savings can be made. Further benefits are of quieter operation as well as extended product life.

Pressure

The design of the duct system and the unit has an impact on required system pressure. There are often tens, sometimes hundreds, of Pascals to be saved here.

Cool recovery

In warmer parts of the world, energy savings may be possible by drawing cool night-time supply air into premises, thus cooling the building structure.

Quality-certified products

How can you choose the right solution and product when there are so many alternatives? Nowadays, most major suppliers are ISO-certified and have CE-marked products, but is that enough?

At Systemair we are going one step further and working hard to ensure that our products maintain a high standard and are approved by various bodies. For units, this may mean Eurovent certification or other local certification for the country in question. To achieve this, you need resources and expertise. Within the Group, you will find, among other things, one of Europe's most modern development centres, which is AMCA-certified.

One of Europe's most modern development centres

A room that is so quiet that the only thing you'll hear is your heartbeat.

The development centre in Skinnskatteberg, recently accredited by AMCA, signifies an investment of EUR 700,000 and is fitted with measurement and testing equipment, making it one of the most modern facilities of its kind in Europe.

The quiet room is one of the test stations or a "reverberation chamber", producing a background sound of less than 10 dBA. When measuring supply air terminals, a green laser is used to show how the air is expelled from wall-mounted or ceiling-mounted devices. There is also a climate chamber that cools the air to -20°C, which means we can use it all year round to develop our recovery units. In addition to the test centre in Skinnskatteberg, there are also test facilities in Germany and Denmark where we can measure air volumes of more than 40 000 m^3/h. We are building up a test rig in accordance to AMCA 210 at Greater Noida facility to test our products perforamnce.

All Systemair axial fans at a glance

Systemair offers a wide range of axial fans in various designs. For most applications in the ventilating or air conditioning sector as well as in a lot of industrial and commercial applications a Systemair fan can be selected. Some examples are: mining, tunnel ventilation, car park ventilation, applications in explosion hazardous areas and high temperature fans to extract heat and smoke in case of a fire.

Finding the right solution is important from many aspects: Trust in the product and producer, safety in the application, lowest possible energy consumption, good and matching functionality, the cost benefit ratio, a space saving design, the delivery just in time and many more. Our experts will be pleased to help you in all these questions and be at your disposal

This brochure gives you an overview of our axial fan product range. Performance curves and technical details for the required fan duties are available in this catalogue.

Systemair is working in accordance with the following standards:

Quality:

ISO 9001: Quality management system, monitored by TÜV Süd. Certificate on www.systemair.com. ISO 14001: Environmental management system, monitored by TÜV Süd. Certificate on www.systemair.com DIN 24166: Technical terms of delivery for fans.

CE-marking:

The CE marking is a mandatory conformity mark in the European Economic Area. By affixing the CE marking, the manufacturer asserts that the item meets all the essential requirements of the relevant European Directive(s).

Testing:

ISO 5801: "Industrial fans, performance testing..."
DIN 24163: "Fans, performance testing..."
AMCA 210 : "Laboratory methods of testing fans for certified aerodynamic performance rating"
EN 12101-3: "Smoke and heat control systems - powered smoke and heat exhaust..."
ISO 13350: Jet fans

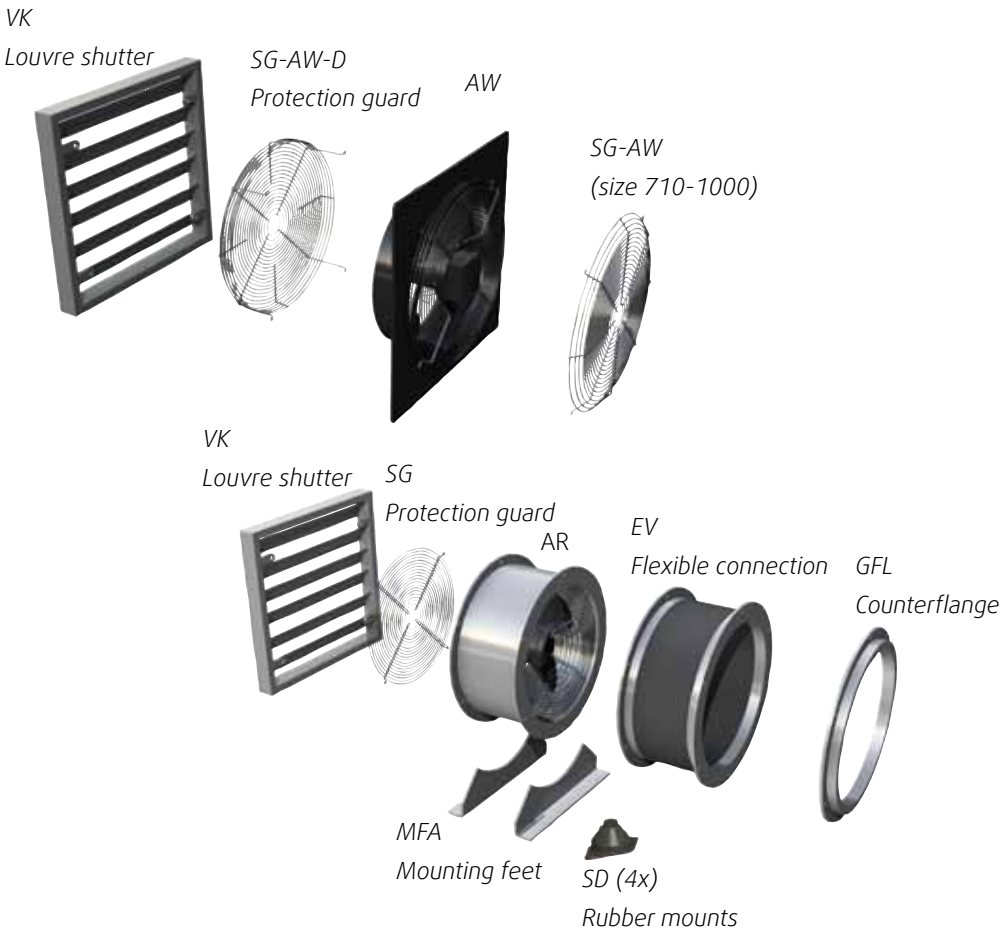
EN certificates on www.systemair.com

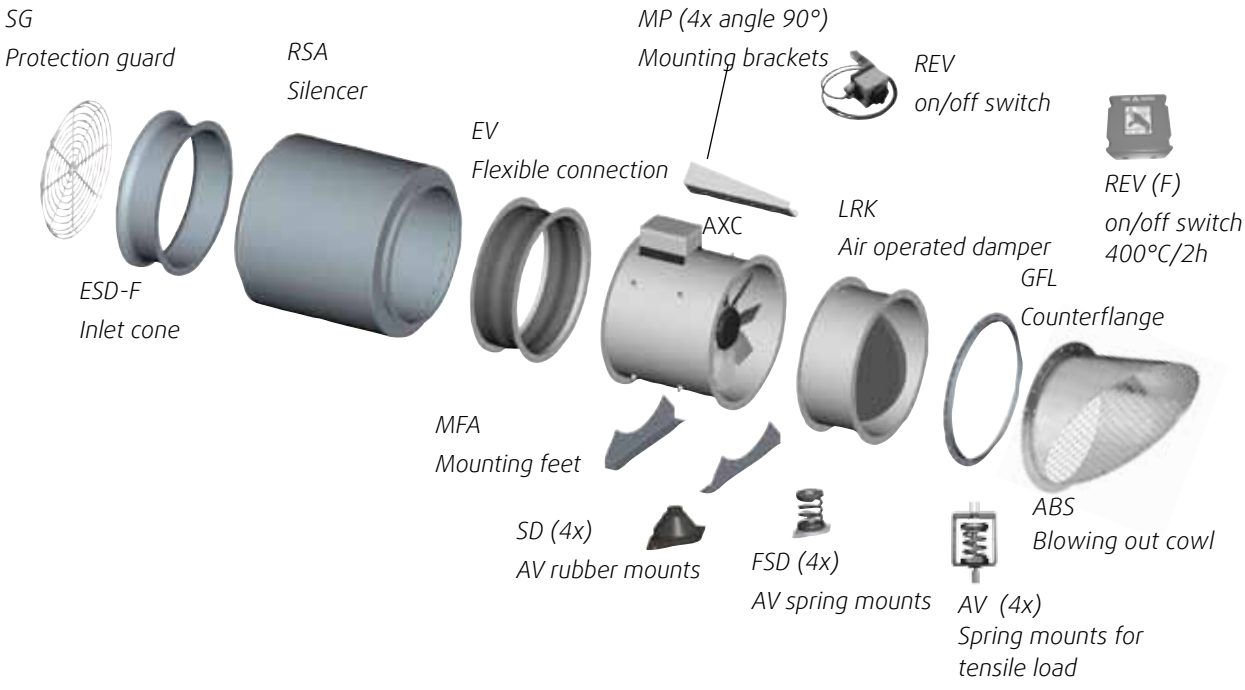
- **As per EC Machinery Directive 98/37/EEC Annex IIA, fans for ventilation... the following harmonized standards are used:**
  - EN 60 204-1: "Safety of machinery - electrical equipment, general requirements"
  - EN 292-1: "Safety of machinery, design"
    EN ISO 12100:2011-3
  - EN 294: "Safety of machinery, safety distances" EN ISO 13857:2008-06
  - EN 60 034-1: "Rotating electric machinery, ratings and performance"

- **As per EC Low Voltage Directive 73/23/EEC and 93/68/EEC the following harmonized standards are used:**
  - EN 60 204-1: "Safety of machinery - electrical equipment, general requirements"
  - EN 60 034-5: "Rotating electric machinery, protection classification"

- **As per EMC-directive 89/336/EEC and EMC-directive 93/68/EEC the following harmonized standards are used:**
  - EN 61000-6-1 and 6-2: Electromagnetic compatibility

Fan installation with accessories





Technical description

Fan sizes and duties

Systemair axial fans are offered in sizes from 315 mm up to 2800 mm diameter. Air volumes of up to 400000 m^3/h and static pressure of up to 1400 Pa can be achieved. Higher pressures can be offered with two fans installed in series (AXC-G models on request). Fan performance in accordance with ISO 5801, part 1, category D.

Casing

The casing and motor fixation is manufactured from galvanized steel. The terminal box is fitted on the outside of the casing.

Impellers

The impellers (hub and blades) are manufactured from die-cast aluminium alloy. The blades have an aerodynamic profile to guarantee high efficiencies and a low noise level.
The hub design allows adjustment of the blade angle during assembly of the fan in the factory, in order to achieve the optimum working point. This further increases the possible fan duties per diameter. In the performance curves P2max is indicated, the maximum absorbed power of the impeller, related to the relevant blade angle setting.

Motors

Systemair uses 415 V/50 Hz three phase motors in accordance with IEC standard 34-1. The motors are suitable for medium temperatures from -20 °C up to +55°C and are equipped with cold conductors for motor protection. Protection class IP54/IP55, insulation class F. Other medium temperatures, protection classes or isolation classes are available on request. The standard motor range includes single and two speed motors. The motors are not speed controllable by voltage. Speed control is possible with frequency inverters.

Axial fans are equipped with IEC standard motors, in IE2 according to the latest EN-standards with cold conductors for thermal motor protection. Cold conductors have to be connected to an external motor protection unit.

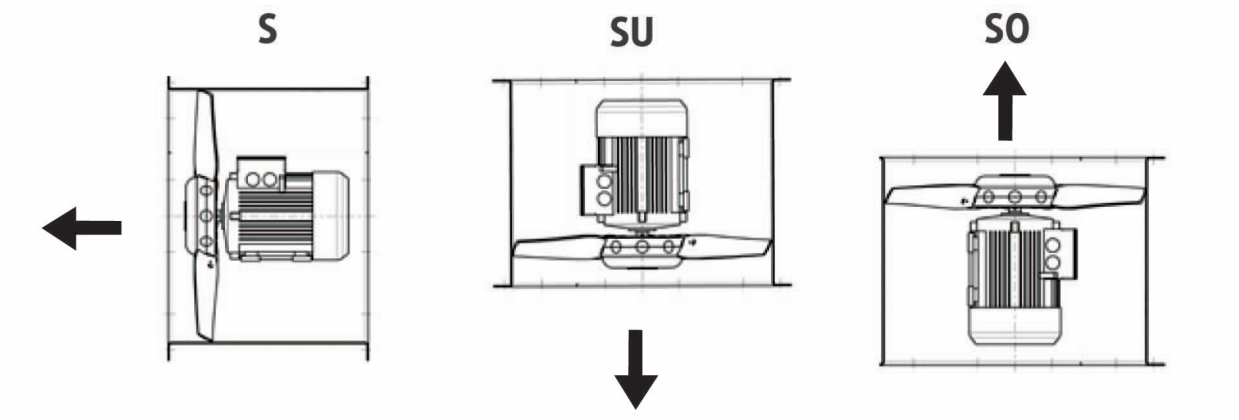
Mounting position and airflow direction

Systemair axial fans can be installed in different mounting positions. Should there be no different information in your order, the fans will be supplied in airflow direction “S”, see pictures below. You will find arrows indicating the direction of rotation and airflow direction at the outside of the casing. For bigger motor powers (guideline: from IEC 160, 11 kW) it is important to inform us with your order in case the fans are to be installed in a different airflow direction than “S”, as the motor bearings then are subject to a higher stress which we have to take into account.

Accessories

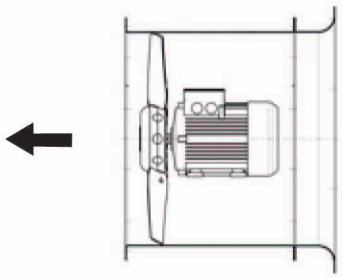
Systemair offers a wide range of accesories, such as:

- protection guards
- mounting feet (horizontal installation) or mounting brackets (vertical installation)
- counter flanges
- flexible connections
- inlet cones
- automatic shutters
- anti vibration mounts
- isolators for single or two-speed motors
- silencers (with and without core)

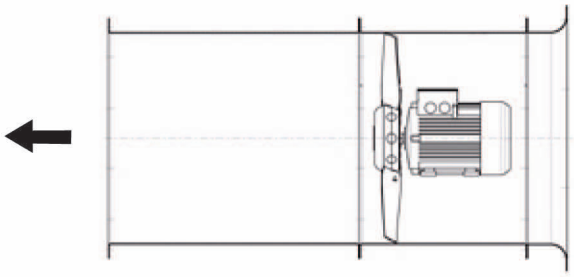


Installation types

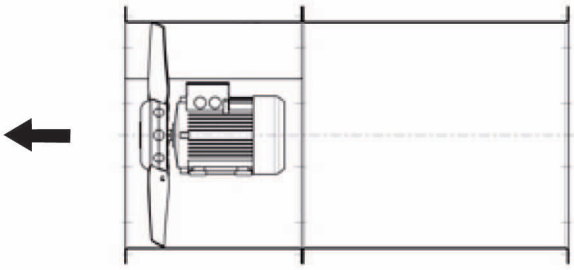
A free inlet
free outlet



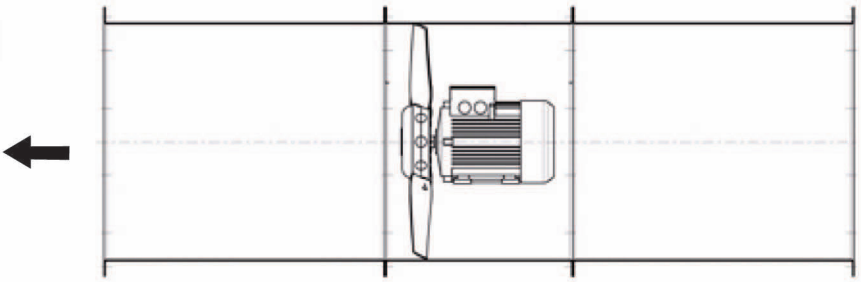
B free inlet
ducted outlet



C ducted inlet side
free outlet



D ducted inlet side
ducted outlet side



Installation types according to ISO 5801

AXC(A)

The Systemair AMCA certified range of smoke extract axial fans is available in size from 315 up to 1600 mm impeller diameter. The adjustable pitch angle setting offers a wide performance and maximum flexibility to match precisely individual airflow requirements. The axial fans have been performance tested in accordance with DIN ISO 5801, DIN 24163 and AMCA 210 in a laboratory accredited by AMCA. High temperature testing at Technical University Munich, Germany.

Standard features:

- Aerofoil impeller with adjustable pitch angle
- Die cast aluminium hub and blades
- Long /Medium casing of galvanized steel according to DIN EN ISO 1461
- Spun flanges for high rigidity, to DIN 24154 series 3
- Terminal box in IP65 mounted at the outside of the casing for easy wiring
- Single-or three-phase motors IP55 / IP54, insulation class F / class H, in accordance with EN 60034-5/ IEC 85
- AXC ---- - /--° - (B) smoke extract axial fans certified for 300°C/120 min in accordance with EN 12101-3
- Suitable for operating temperatures upto 55°C
- Optional inspection hole to verify correct direction of rotation

Systemair India Pvt. Ltd. certifies that the AXC(A) Axial Fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

The AMCA Certified Ratings Seal applies to air performance and sound for Model AXC(A) 315 to AXC(A) 1600 only.

The AMCA Certified Ratings Seal applies to FEG for Model AXC(A) 1400 to AXC(A) 1600 only.

High efficiency impellers

The die cast aerofoil aluminium impellers can be offered with full or fractional solidities, maximum efficiencies can be obtained.

Sturdy casing

Axial fan casings are heavy gauge, galvanized steel, with spun flanges for high rigidity. Long cased execution as standard stock range. Medium cased also available on demand.

Motors

Motor in the air stream. Frequency converter controllable only for standard ventilation on request. Single or two speed motors.

Multi stage fans

For higher pressure drops two stage fans are offered. Two fans in series increase the available static pressure drop.

Quality

Systemair is ISO 9001: 2015 approved.
The Systemair quality is regularly monitored by DNV.

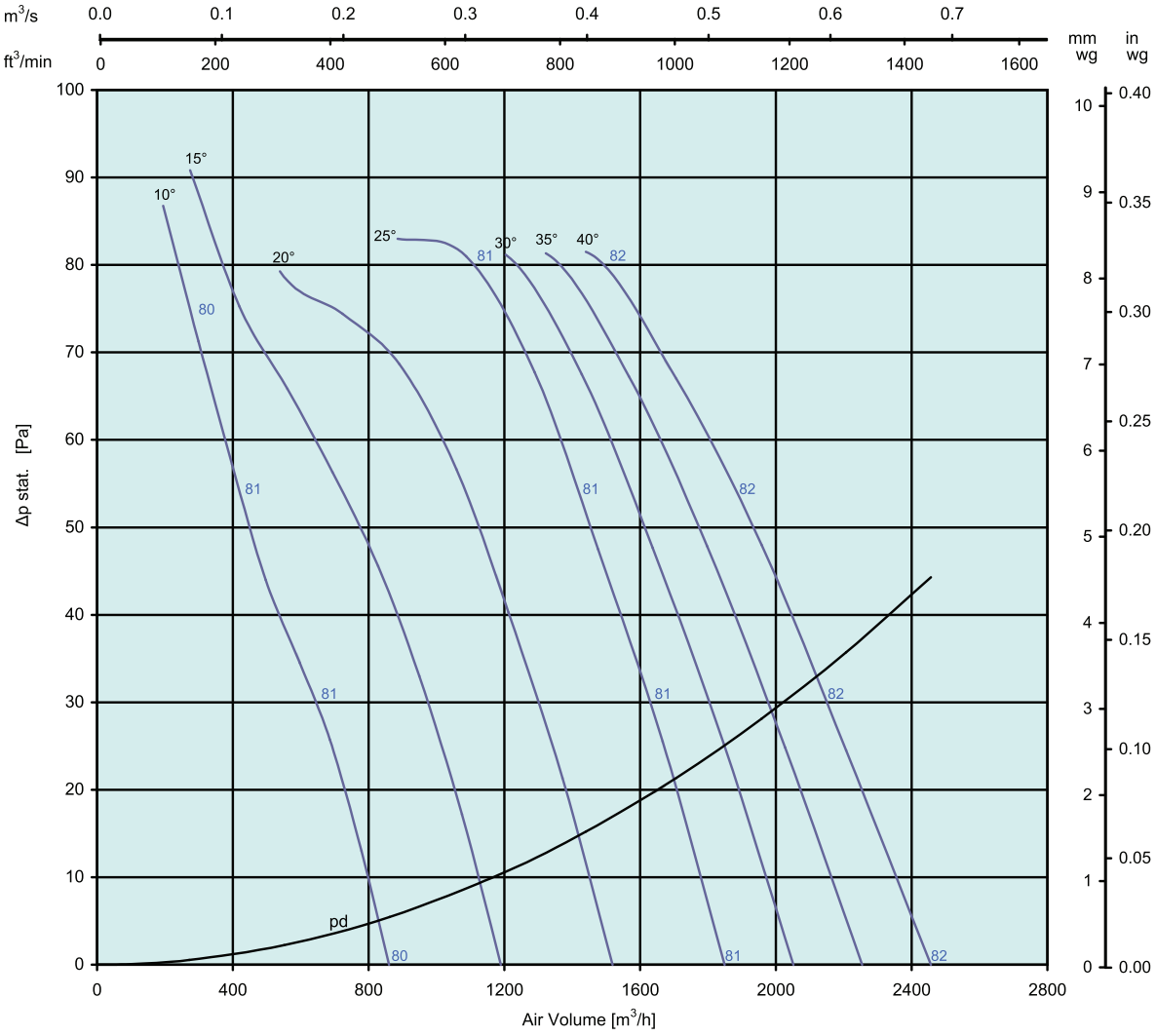
Ordering Code

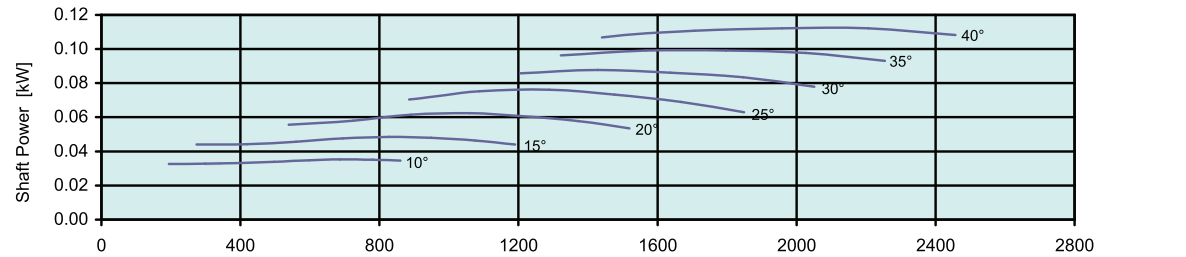
AXC (A) 1400 - 12 /25°-6 -(B) - MC

- MC: Medium Casing
- (B): High Temperature 300°C/120 min
- 6: Motor Pole
- 25°: Pitch Angle
- 12: Number of blades
- 1400: Nominal diameter
- AXC (A): Axial Fan model

AXC(A) 315-5-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

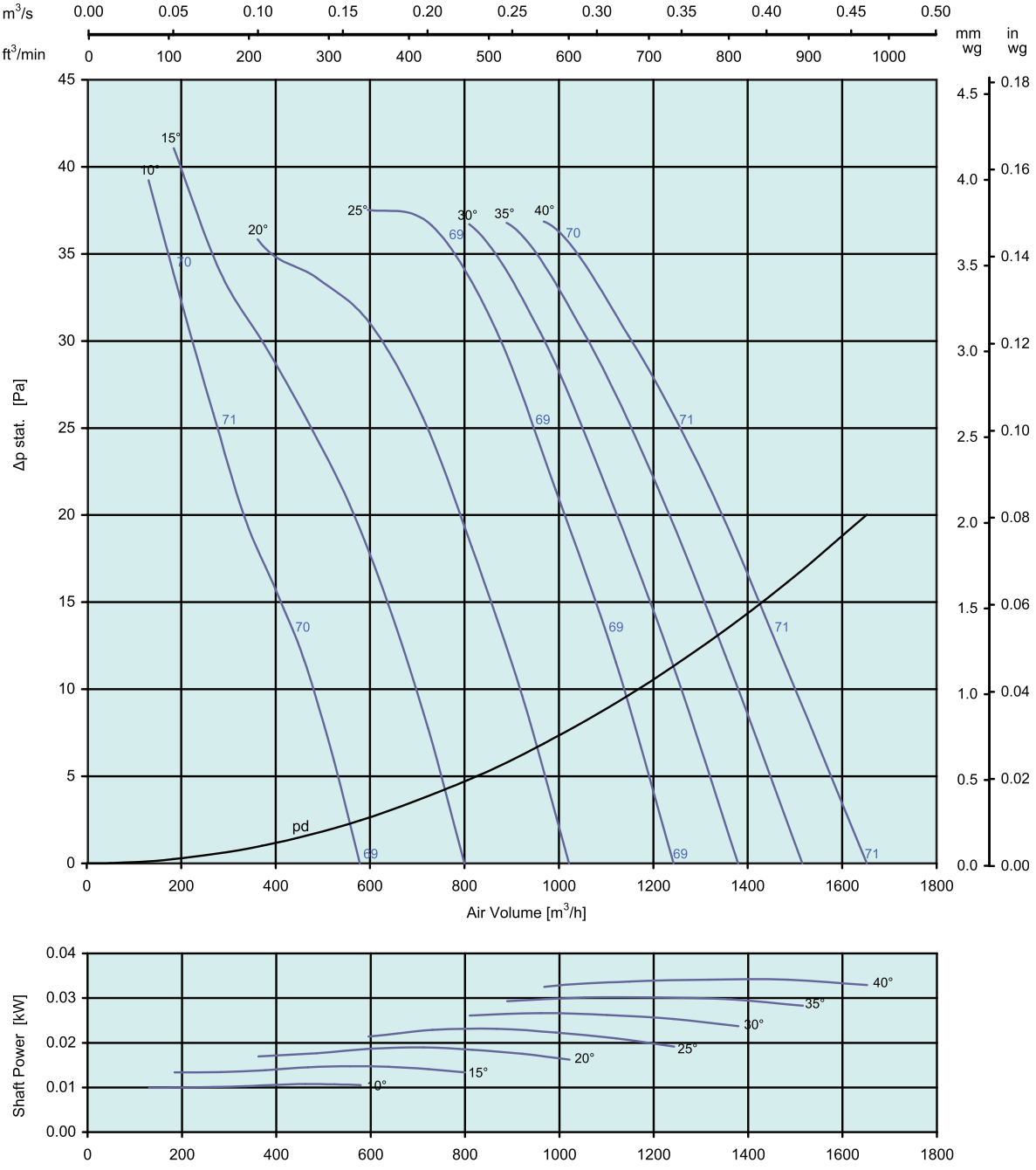
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<40	-2	-6	-8	-9	-14	-19	-25	-31
	<80	-4	-3	-11	-12	-19	-22	-27	-32
25°	<40	-1	-7	-14	-12	-17	-20	-26	-30
	<80	-1	-7	-14	-14	-18	-22	-26	-30
40°	<40	-2	-6	-14	-5	-15	-21	-27	-33
	<80	-1	-7	-15	-7	-18	-23	-28	-32

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 315-5-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm



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Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<20	-3	-6	-6	-9	-14	-20	-26	-32
	<35	-2	-7	-9	-14	-19	-23	-28	-33
25°	<20	-2	-8	-10	-11	-15	-20	-25	-29
	<35	-1	-8	-11	-13	-17	-21	-25	-29
40°	<20	-2	-8	-7	-9	-16	-22	-28	-33
	<35	-2	-9	-8	-10	-18	-23	-27	-31

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

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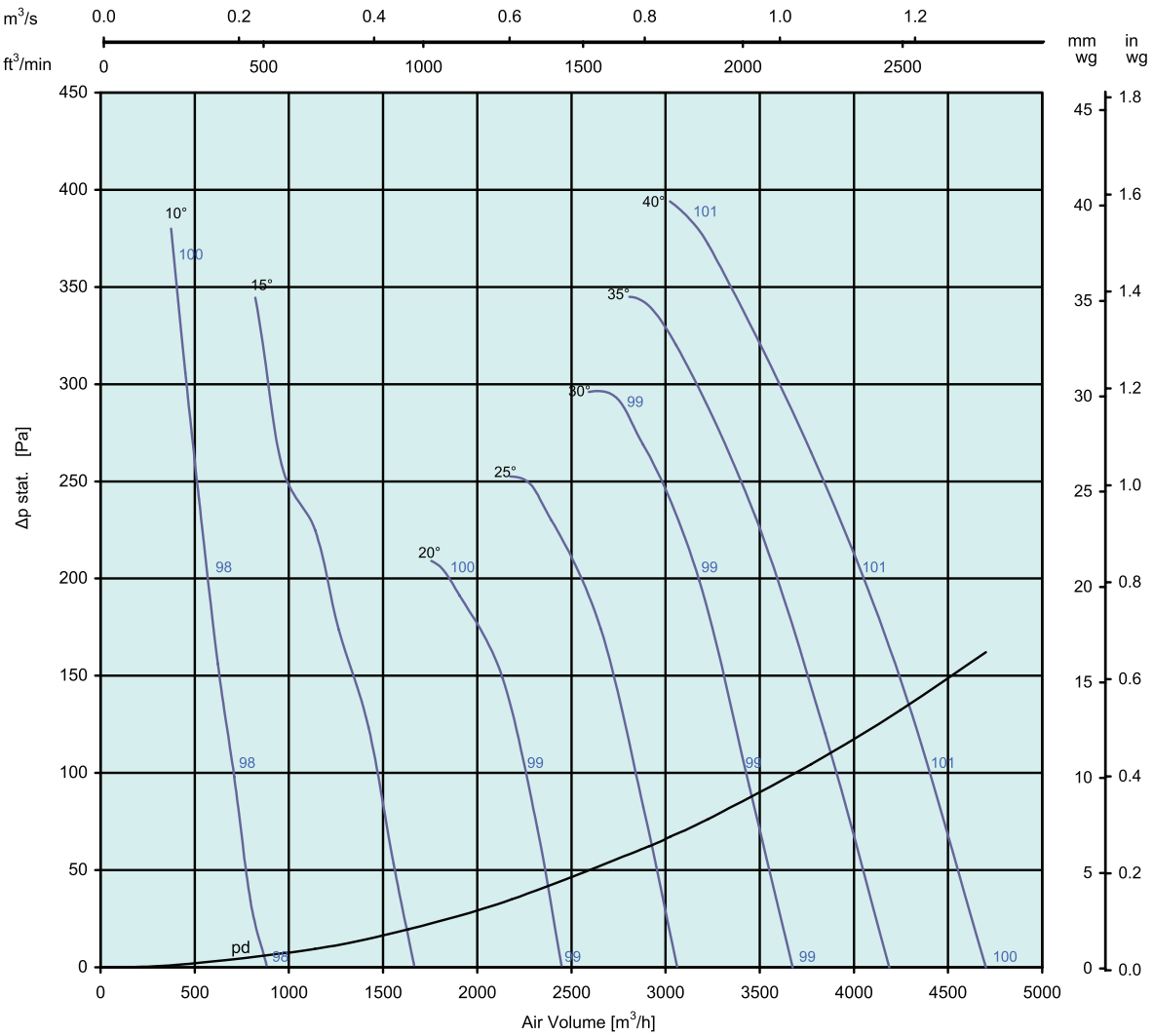
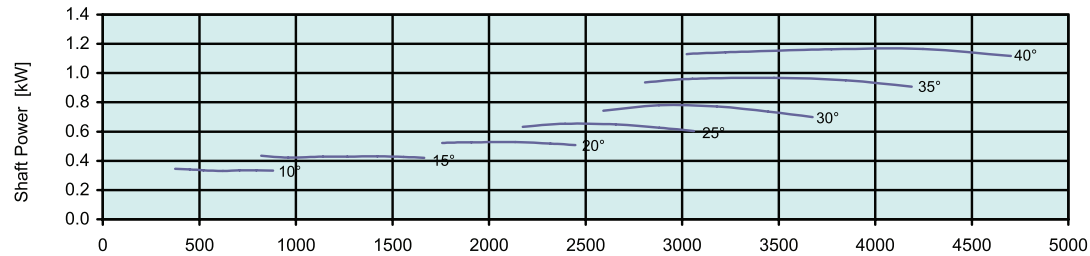
AXC(A) 315-10-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<150	-2	-6	-8	-9	-11	-16	-22	-28
	<380	-2	-6	-8	-13	-15	-19	-22	-28
20°	<150	-2	-5	-12	-12	-13	-17	-20	-27
	<200	-2	-6	-10	-13	-14	-18	-22	-28
30°	<150	-2	-5	-13	-13	-12	-15	-19	-26
	<280	-2	-5	-9	-13	-14	-18	-21	-28
40°	<150	-2	-6	-13	-13	-9	-15	-20	-27
	<380	-2	-6	-12	-16	-11	-18	-23	-29

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
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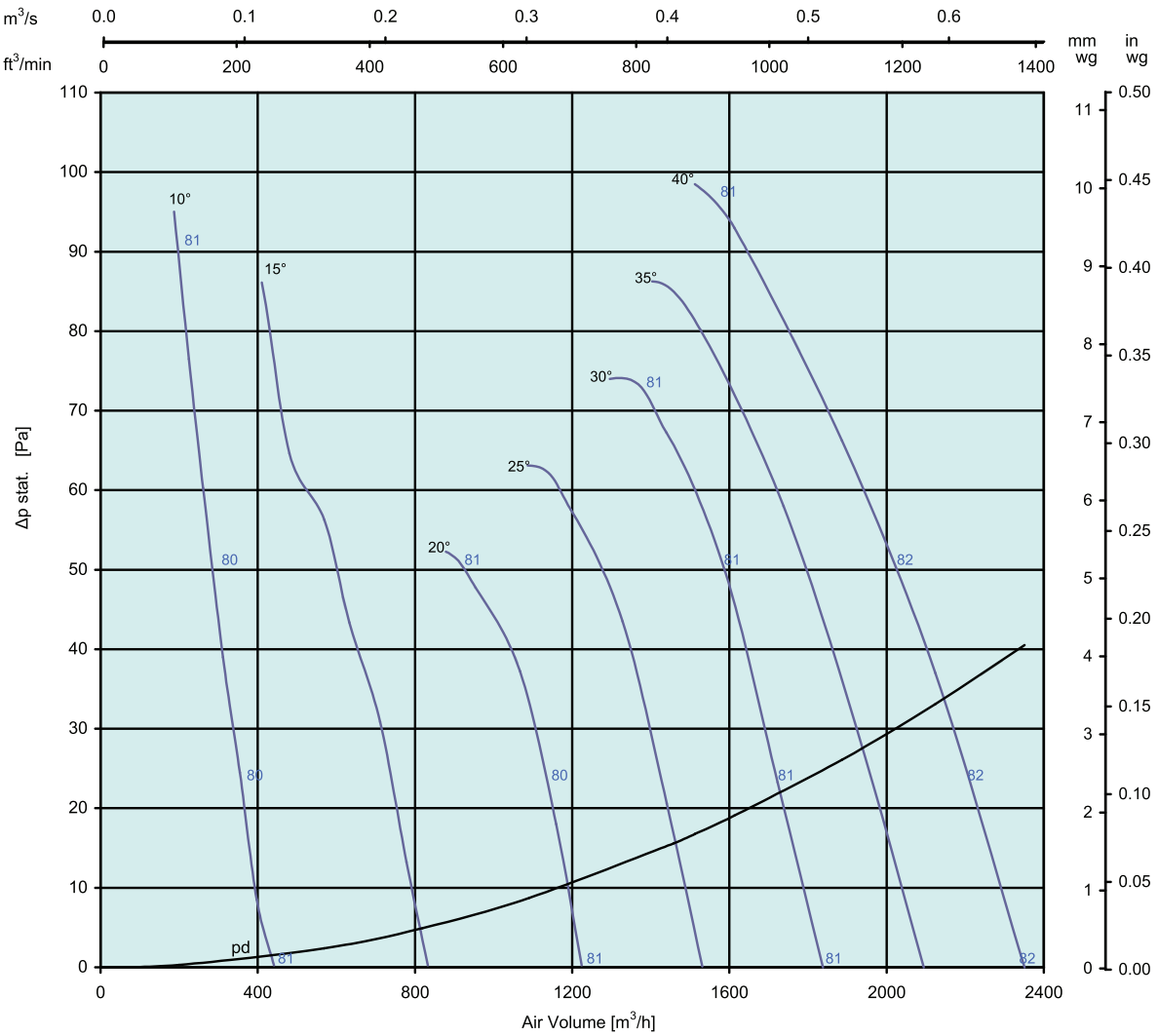
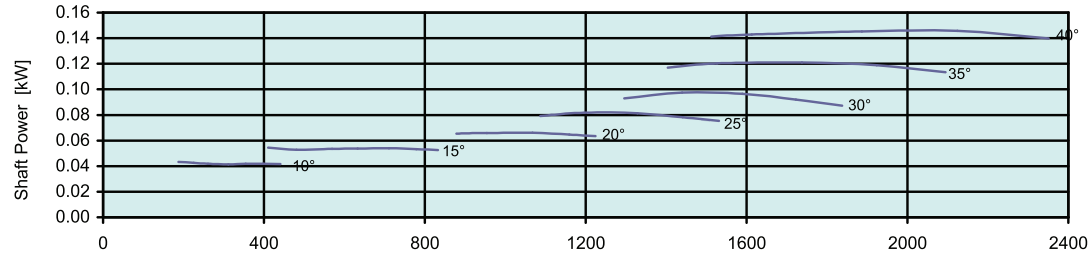
AXC(A) 315-10-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





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Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<40	-3	-6	-7	-9	-14	-20	-26	-32
	<90	-2	-5	-10	-12	-16	-19	-25	-31
20°	<40	-2	-8	-9	-9	-14	-17	-23	-29
	<50	-3	-6	-9	-10	-14	-19	-25	-31
30°	<40	-2	-10	-10	-9	-12	-16	-23	-30
	<70	-2	-6	-10	-11	-15	-19	-25	-31
40°	<40	-3	-8	-10	-6	-12	-17	-24	-31
	<90	-2	-7	-12	-7	-14	-19	-25	-31

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

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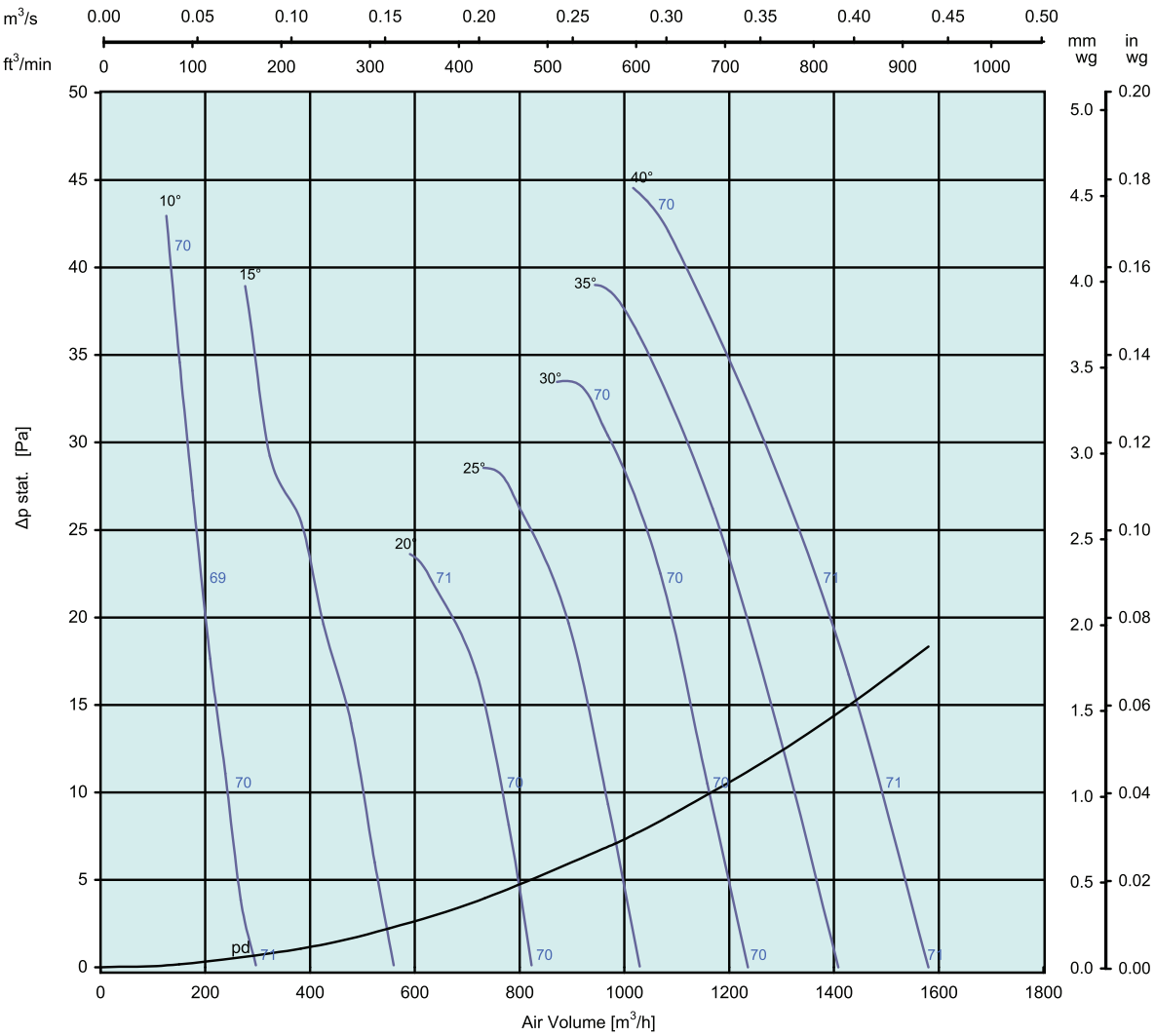
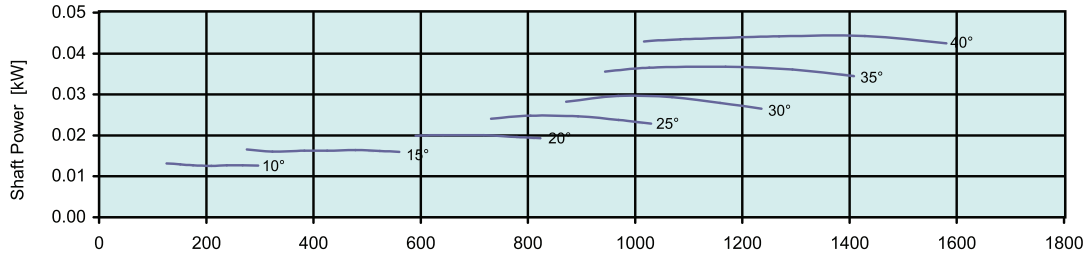
AXC(A) 315-10-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

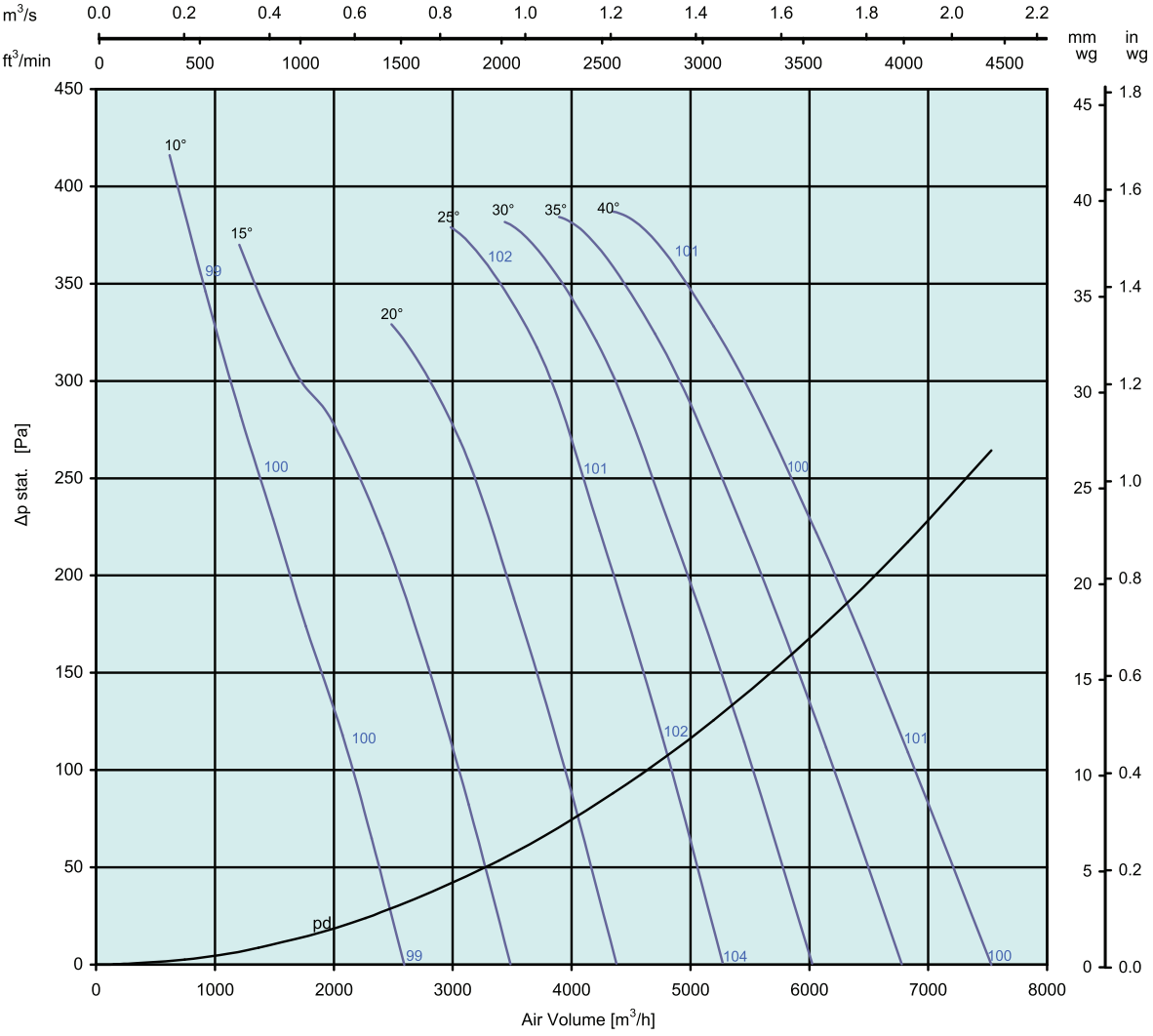
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<20	-3	-5	-7	-11	-16	-21	-27	-33
	<40	-2	-6	-9	-12	-16	-20	-26	-32
20°	<20	-3	-7	-7	-10	-13	-18	-25	-31
	<24	-3	-6	-8	-11	-15	-21	-27	-33
30°	<20	-3	-7	-7	-8	-12	-18	-25	-32
	<30	-2	-7	-7	-10	-14	-19	-25	-31
40°	<20	-4	-8	-6	-7	-13	-19	-26	-32
	<90	-3	-8	-7	-8	-15	-21	-27	-33

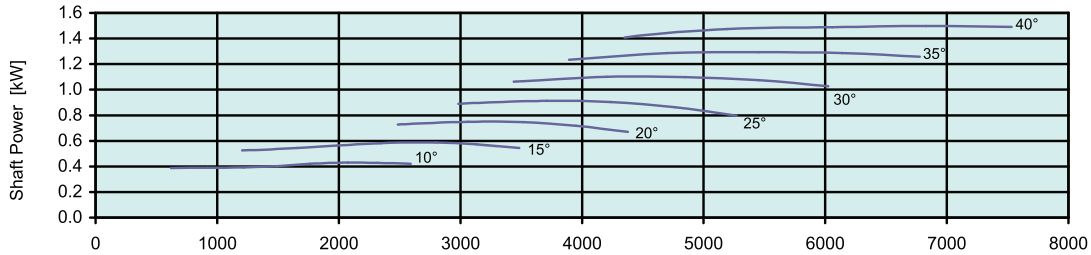
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet.
  Ratings include the effects of duct end correction.

AXC(A) 355-5-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

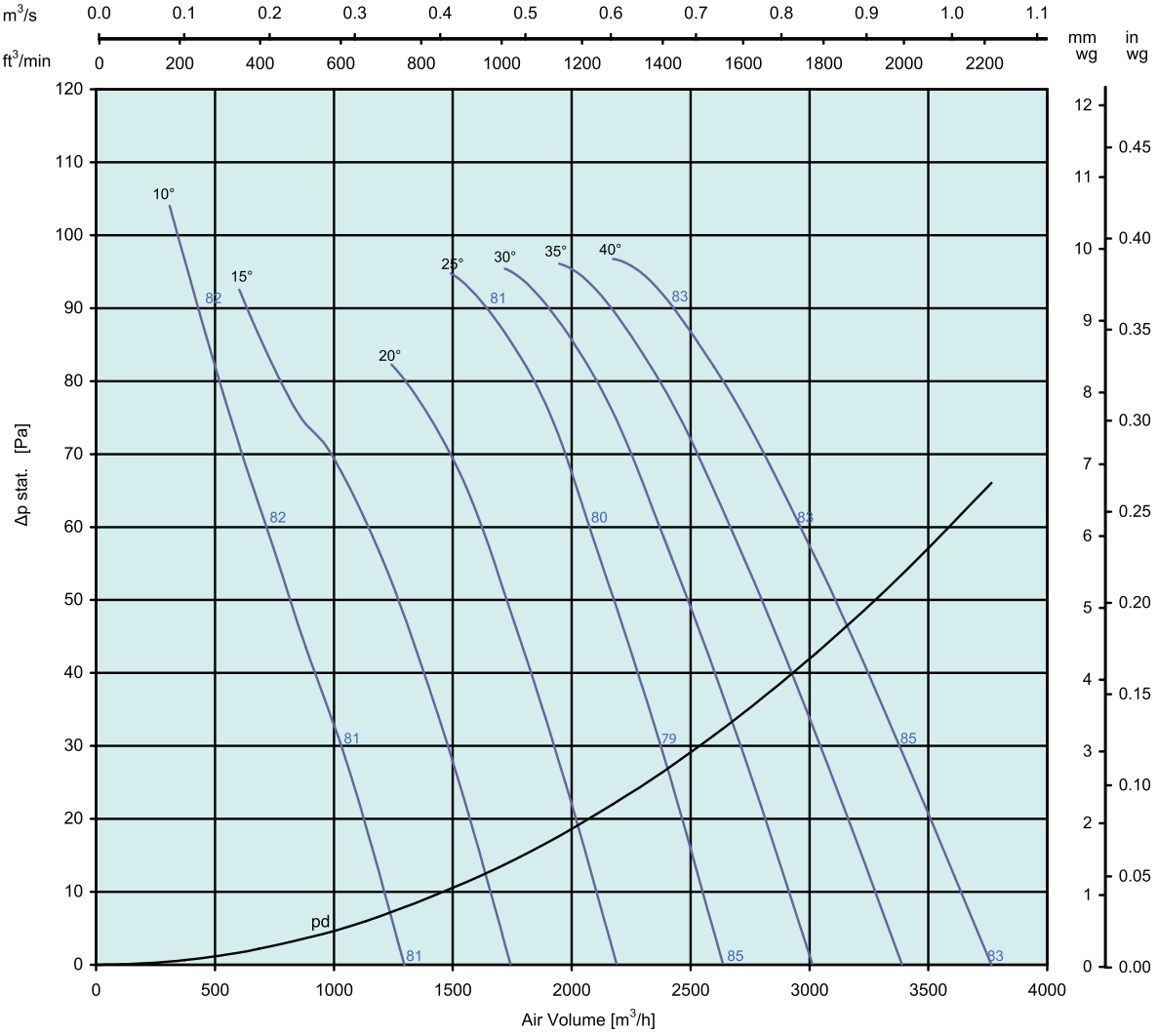
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<200	-3	-7	-8	-10	-10	-15	-20	-26
	<360	-3	-6	-5	-12	-12	-19	-24	-28
25°	<200	-2	-5	-15	-20	-20	-23	-25	-20
	<360	-1	-8	-16	-19	-20	-22	-23	-17
40°	<200	-5	-2	-8	-10	-11	-15	-21	-27
	<360	-3	-5	-9	-10	-12	-17	-22	-28

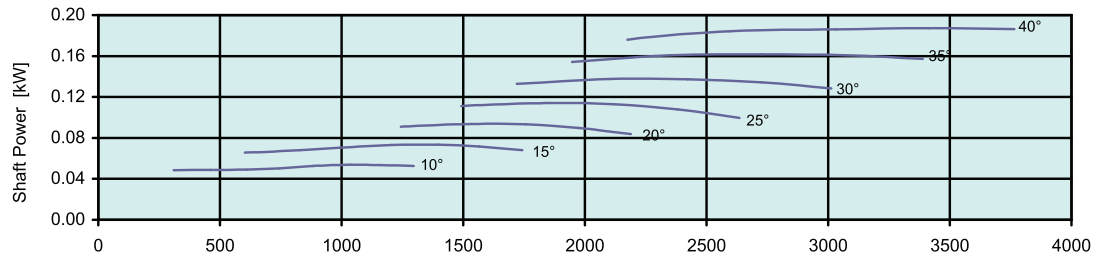
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 355-5-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

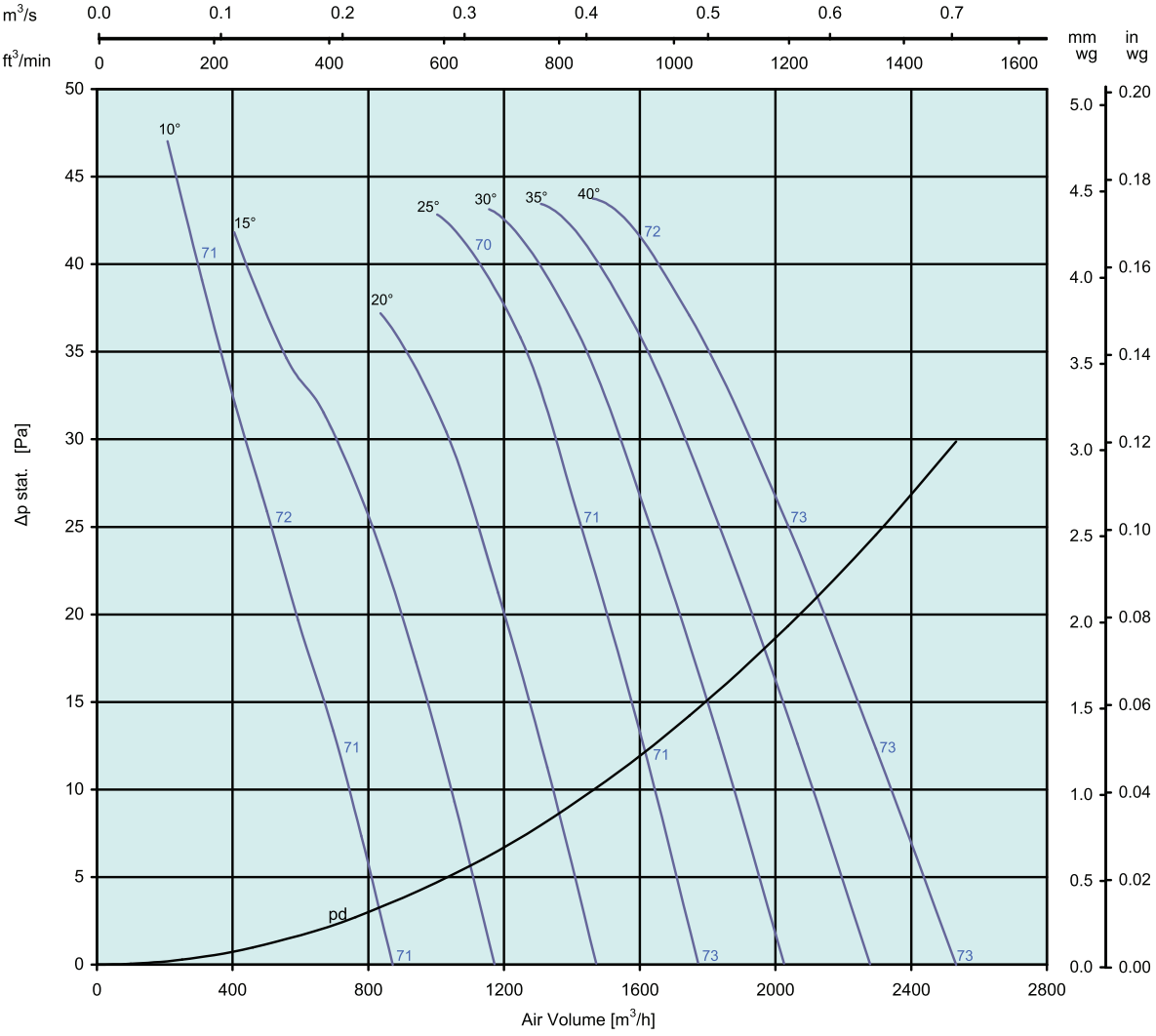
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-4	-8	-7	-6	-12	-17	-23	-29
	<90	-4	-3	-10	-8	-15	-21	-26	-30
25°	<50	-1	-9	-12	-11	-15	-17	-12	-6
	<90	-2	-10	-13	-13	-16	-17	-13	-8
40°	<50	-2	-6	-8	-9	-13	-19	-25	-31
	<90	-3	-7	-8	-10	-15	-20	-26	-32

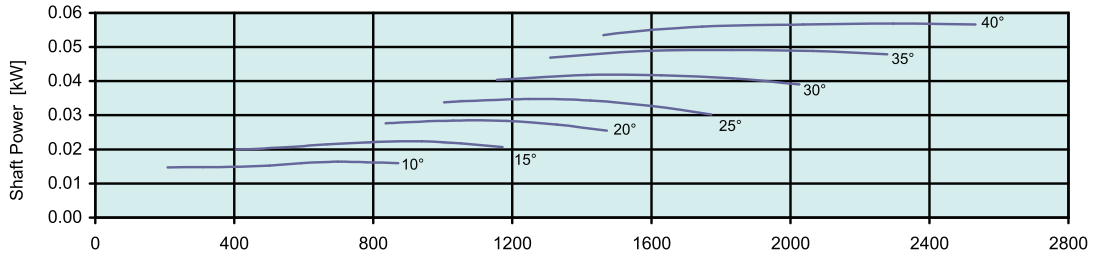
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 355-5-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

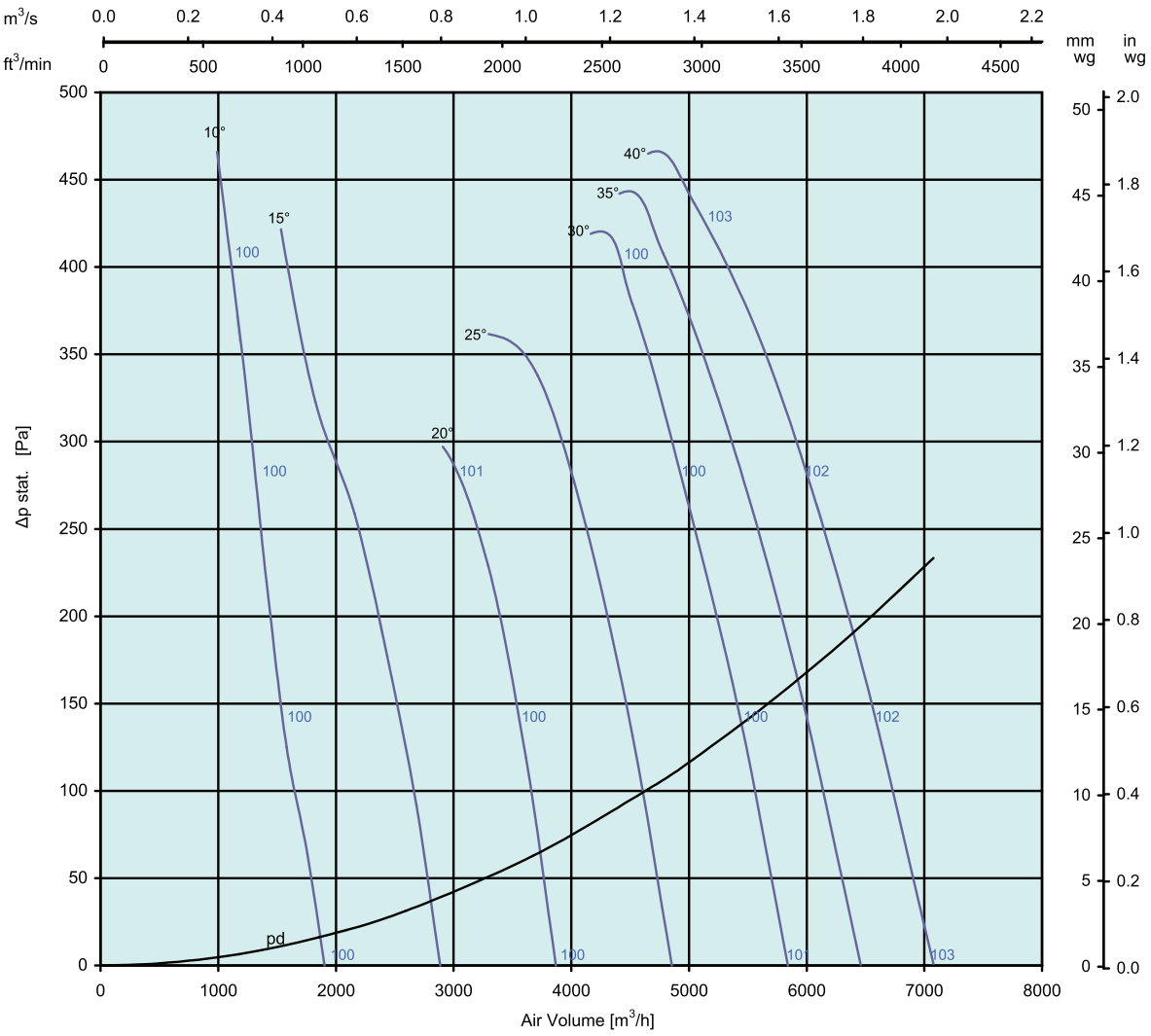
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<20	-6	-6	-5	-8	-13	-19	-25	-31
	<40	-2	-6	-6	-9	-16	-22	-26	-30
25°	<20	-4	-10	-12	-14	-17	-15	-9	-6
	<40	-4	-9	-11	-13	-14	-13	-6	-3
40°	<20	-3	-6	-7	-10	-15	-21	-27	-33
	<40	-4	-6	-7	-11	-16	-21	-27	-33

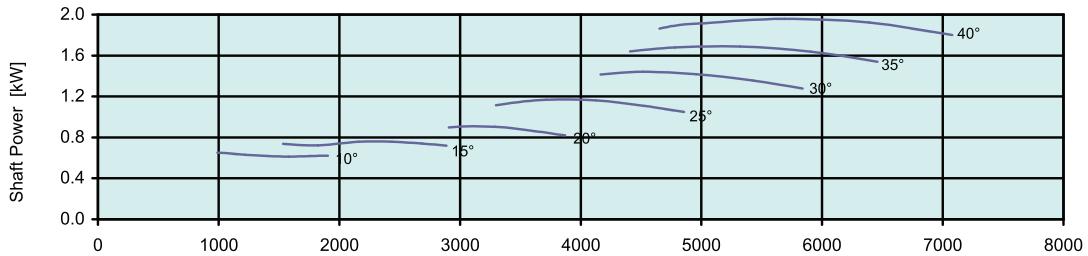
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 355-10-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

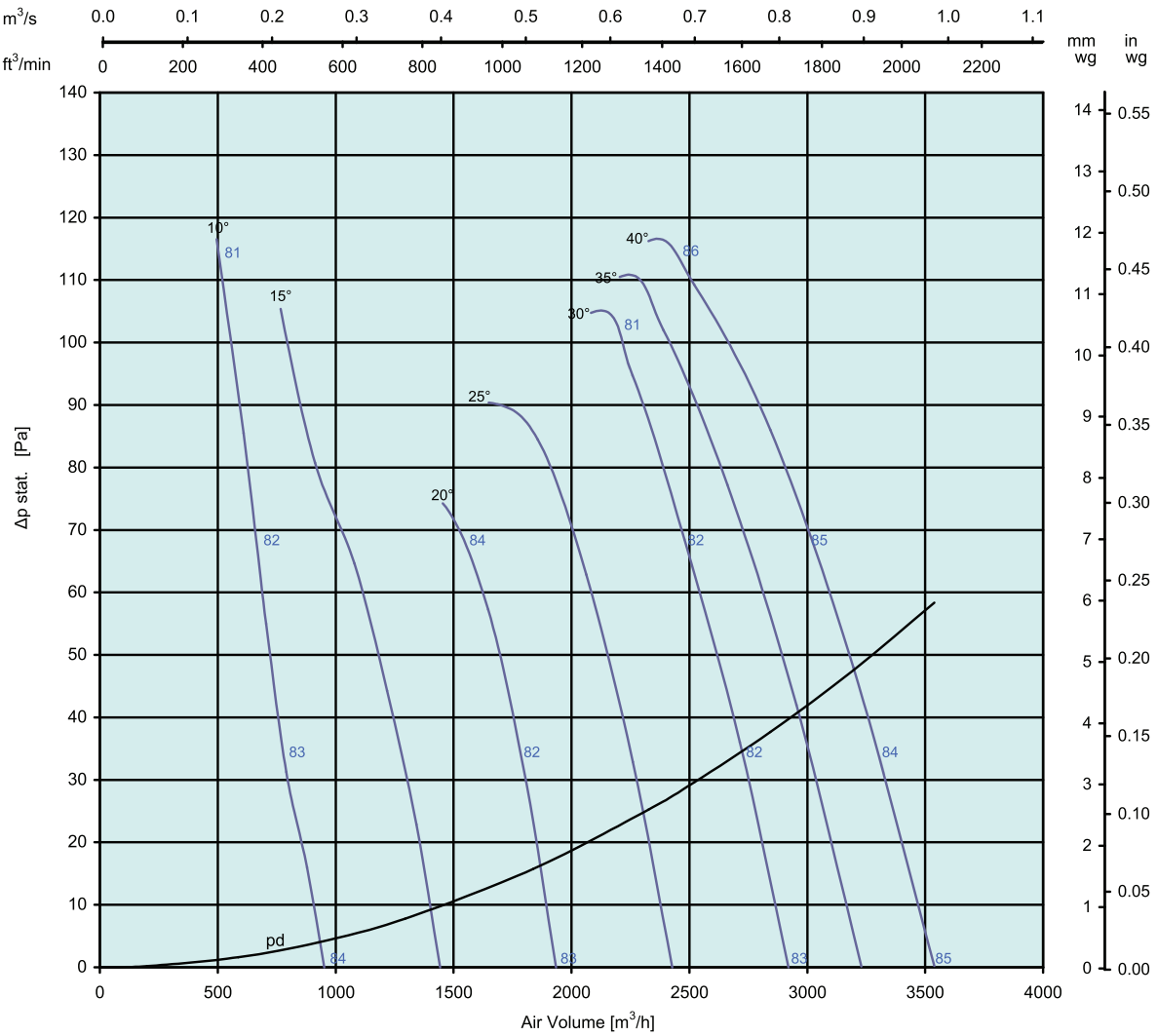
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<200	-3	-8	-8	-7	-11	-15	-20	-26
	<450	-3	-8	-8	-8	-12	-17	-21	-28
20°	<200	-3	-6	-11	-8	-11	-15	-18	-24
	<290	-3	-4	-7	-8	-13	-17	-20	-26
30°	<200	-2	-6	-14	-11	-11	-15	-19	-25
	<400	-2	-5	-12	-12	-13	-17	-21	-27
40°	<200	-3	-7	-15	-6	-10	-15	-20	-26
	<450	-3	-4	-15	-6	-12	-16	-22	-28

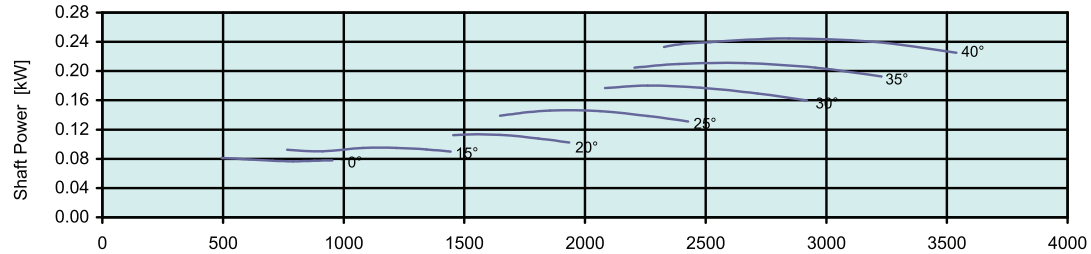
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet.
  Ratings include the effects of duct end correction.

AXC(A) 355-10-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-6	-5	-5	-9	-13	-18	-24	-30
	<110	-4	-4	-7	-10	-15	-18	-24	-30
20°	<50	-3	-9	-6	-9	-13	-16	-22	-28
	<70	-3	-6	-6	-10	-14	-17	-23	-29
30°	<50	-3	-10	-8	-7	-12	-15	-21	-27
	<100	-2	-8	-9	-10	-14	-18	-24	-29
40°	<50	-5	-12	-4	-7	-13	-18	-24	-30
	<110	-3	-13	-4	-9	-14	-20	-26	-32

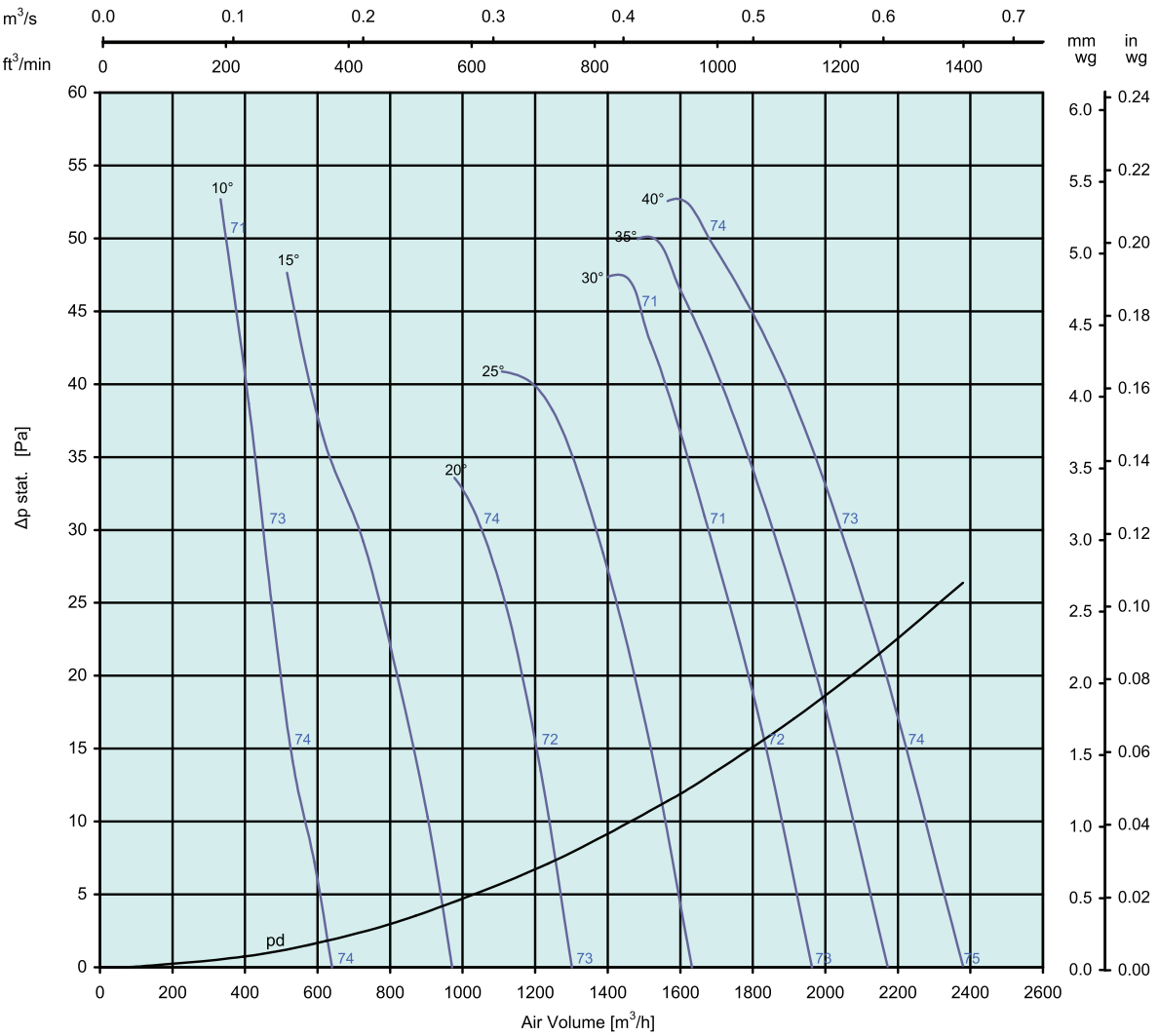
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

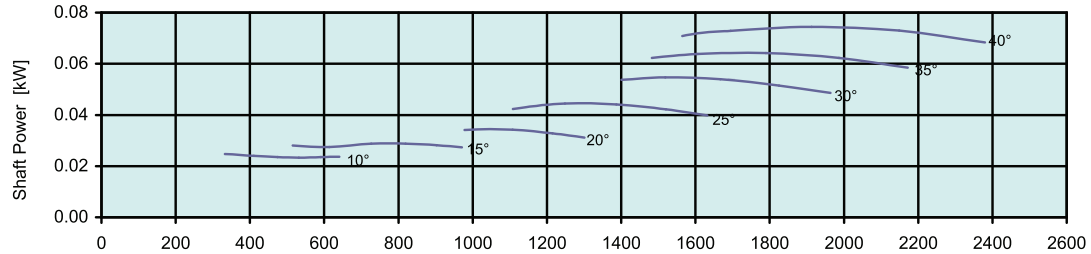
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 355-10-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

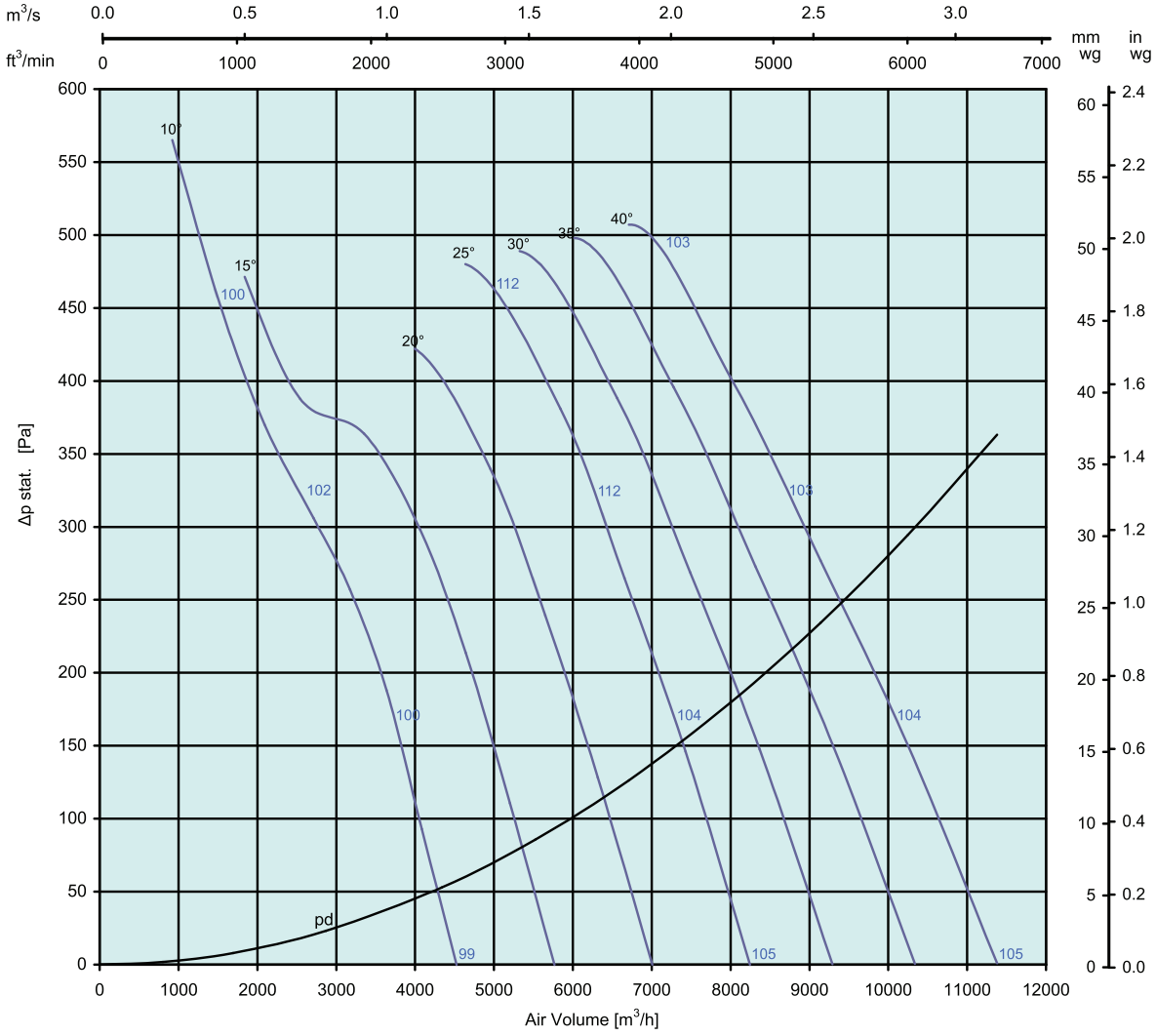
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<25	-5	-5	-6	-10	-15	-20	-26	-32
	<50	-3	-5	-7	-11	-16	-21	-27	-33
20°	<25	-5	-5	-6	-10	-13	-18	-24	-30
	<30	-3	-5	-6	-10	-14	-19	-25	-31
30°	<25	-4	-5	-6	-8	-12	-17	-23	-29
	<45	-3	-6	-7	-9	-13	-18	-24	-29
40°	<25	-8	-5	-4	-8	-13	-19	-25	-31
	<50	-5	-4	-5	-10	-15	-20	-26	-32

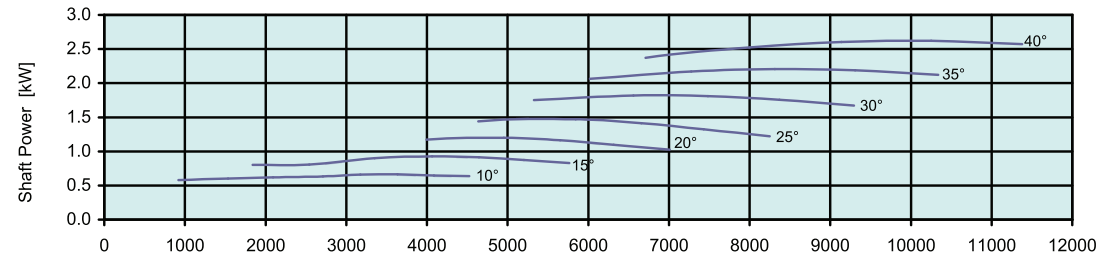
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 400-5-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<250	-2	-8	-11	-10	-9	-13	-17	-23
	<450	-2	-8	-6	-9	-9	-14	-21	-27
25°	<250	-5	-4	-2	-13	-18	-16	-18	-15
	<450	-4	-4	-11	-21	-25	-25	-26	-23
40°	<250	-4	-8	-6	-11	-9	-17	-22	-26
	<500	-4	-8	-5	-11	-9	-17	-22	-26

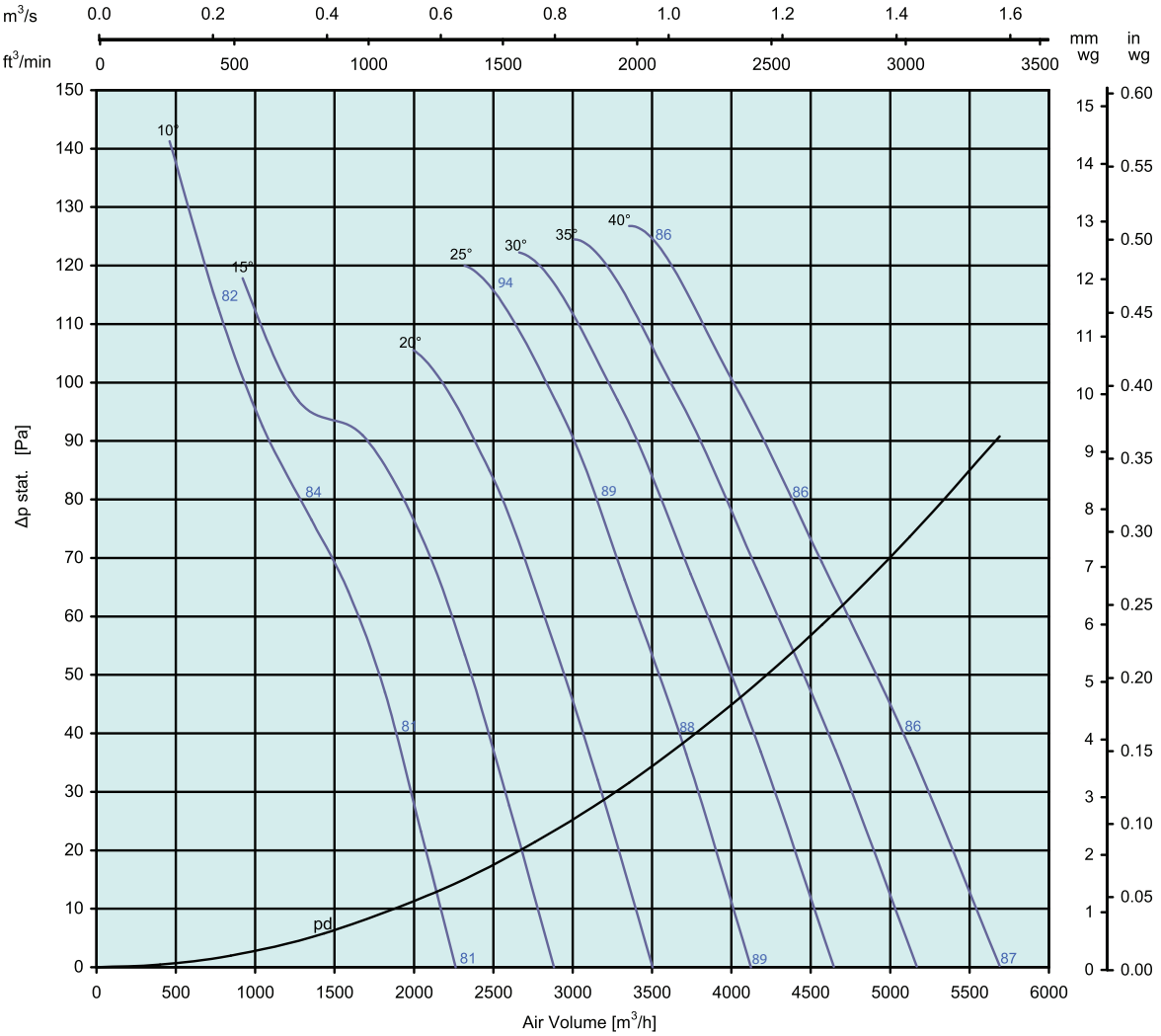
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

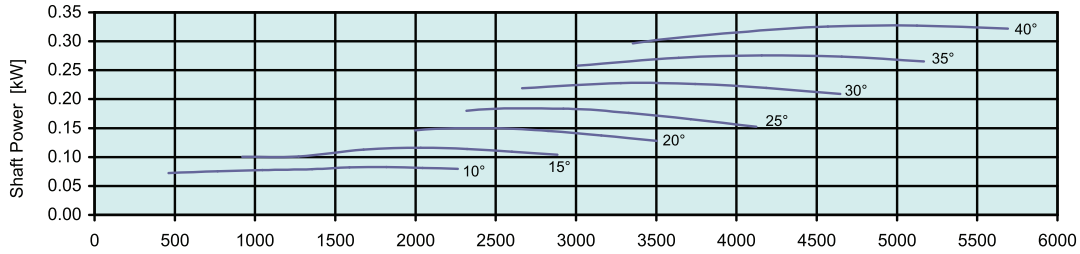
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 400-5-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<70	-5	-8	-6	-5	-9	-14	-20	-26
	<120	-5	-3	-6	-6	-12	-20	-26	-31
25°	<70	-4	-2	-12	-18	-16	-18	-14	-15
	<120	-1	-4	-14	-20	-17	-19	-15	-16
40°	<70	-6	-4	-9	-7	-15	-20	-24	-28
	<120	-5	-3	-9	-7	-15	-19	-23	-27

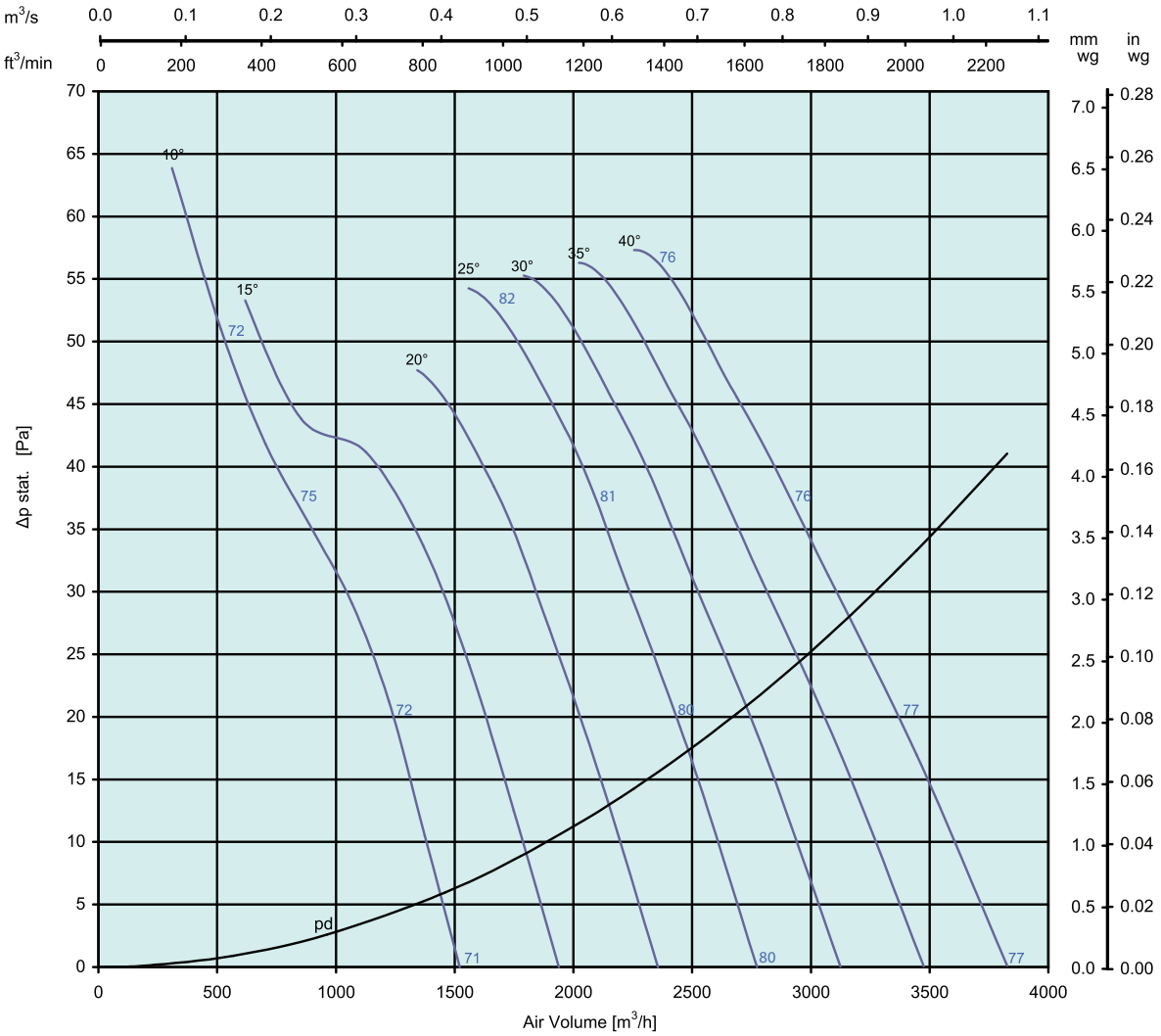
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

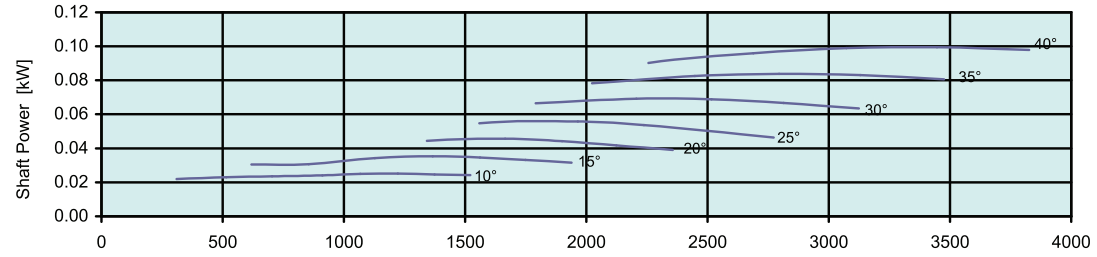
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.

Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 400-5-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

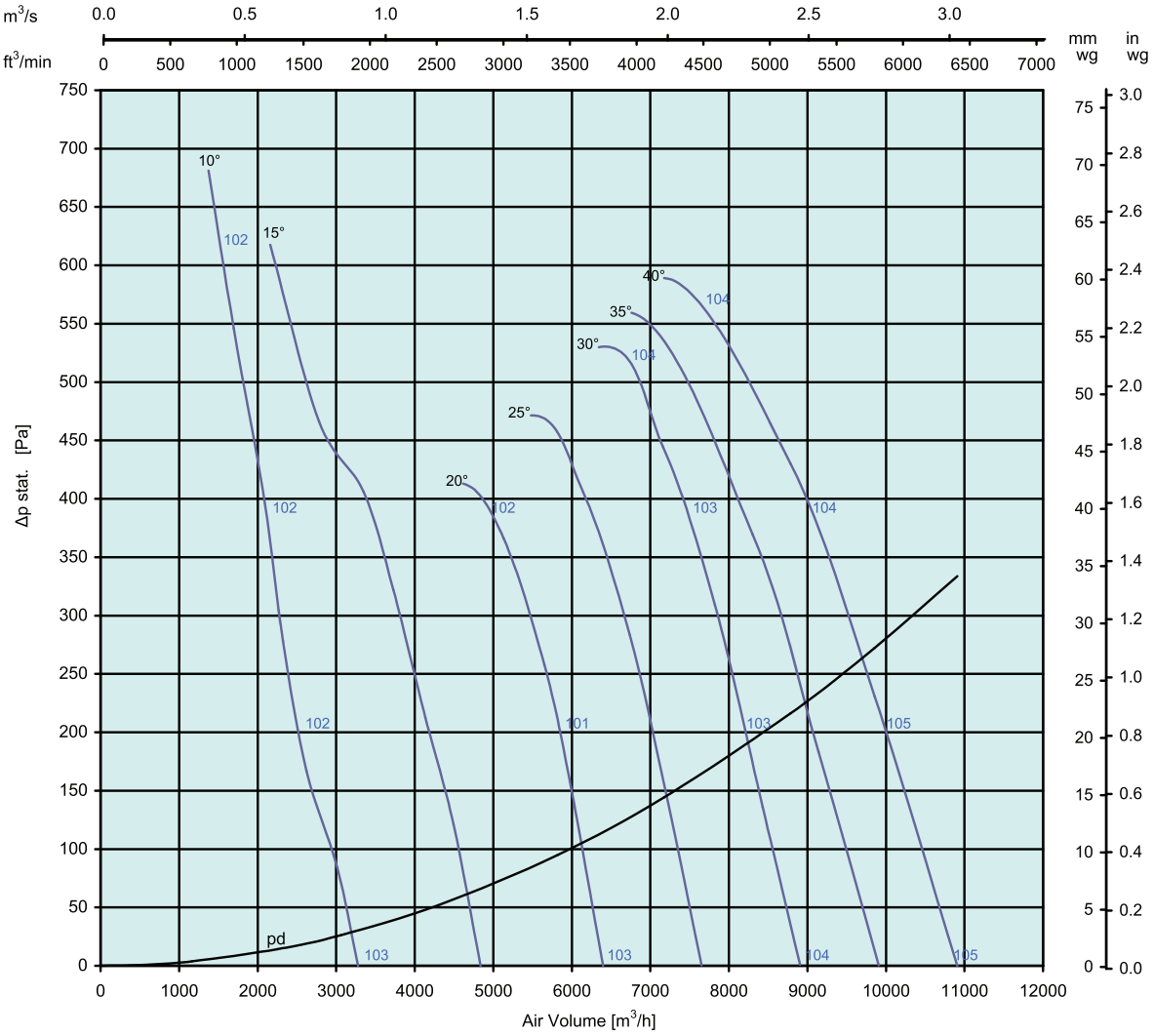
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<35	-6	-6	-5	-6	-11	-16	-22	-28
	<50	-3	-5	-6	-10	-16	-23	-28	-33
25°	<35	-2	-8	-15	-17	-16	-16	-15	-16
	<50	-1	-9	-16	-19	-18	-18	-16	-17
40°	<35	-4	-6	-7	-11	-17	-21	-25	-29
	<50	-3	-6	-7	-10	-16	-20	-24	-28

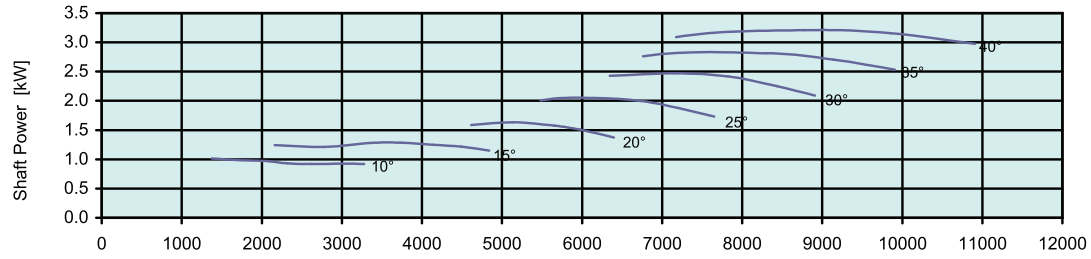
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 400-10-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

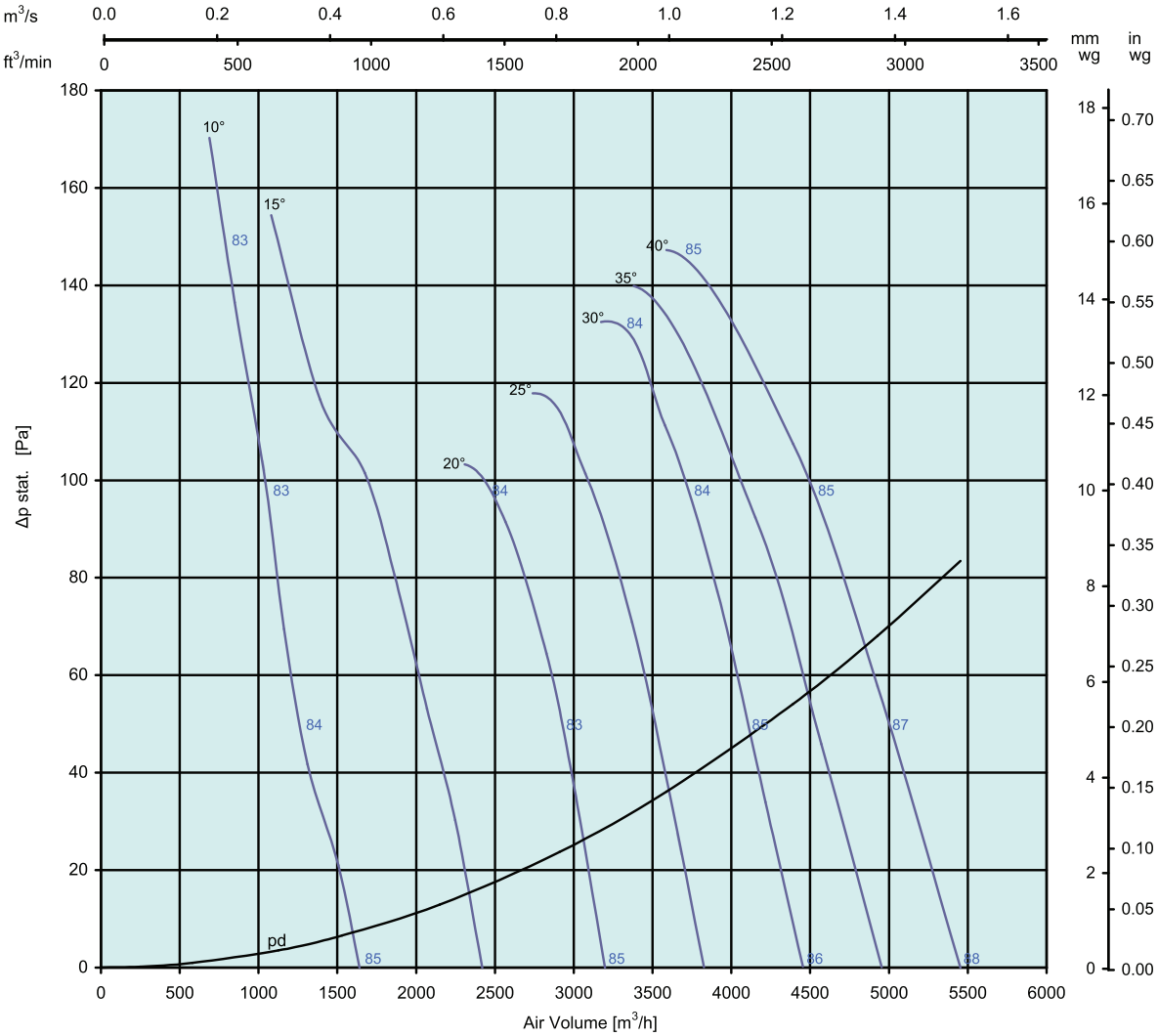
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<250	-3	-8	-9	-8	-10	-13	-18	-24
	<650	-3	-9	-8	-10	-13	-16	-21	-26
20°	<250	-3	-9	-13	-8	-7	-14	-16	-22
	<400	-4	-7	-9	-9	-9	-14	-18	-23
30°	<250	-3	-12	-13	-8	-6	-14	-18	-23
	<500	-2	-10	-13	-10	-7	-16	-20	-25
40°	<250	-3	-10	-14	-9	-6	-14	-19	-25
	<550	-3	-10	-13	-9	-9	-17	-21	-27

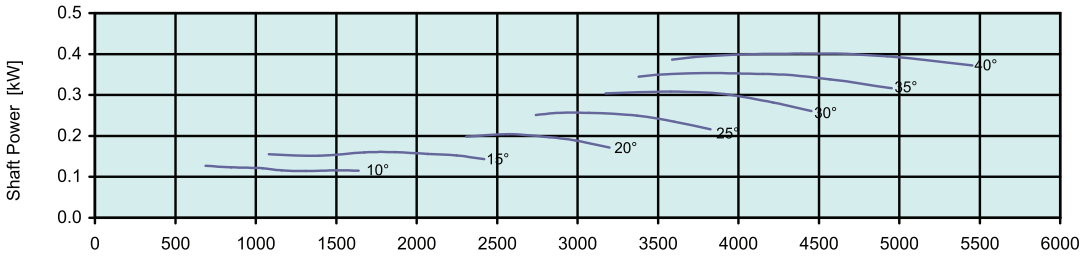
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 400-10-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<70	-5	-5	-5	-7	-10	-15	-21	-27
	<150	-5	-4	-7	-9	-13	-18	-22	-26
20°	<70	-6	-10	-6	-4	-11	-14	-19	-24
	<100	-4	-6	-6	-6	-11	-15	-20	-26
30°	<70	-9	-10	-6	-3	-12	-16	-21	-26
	<130	-5	-7	-6	-4	-12	-17	-21	-25
40°	<70	-7	-10	-6	-3	-12	-17	-23	-29
	<140	-6	-9	-5	-5	-13	-18	-23	-28

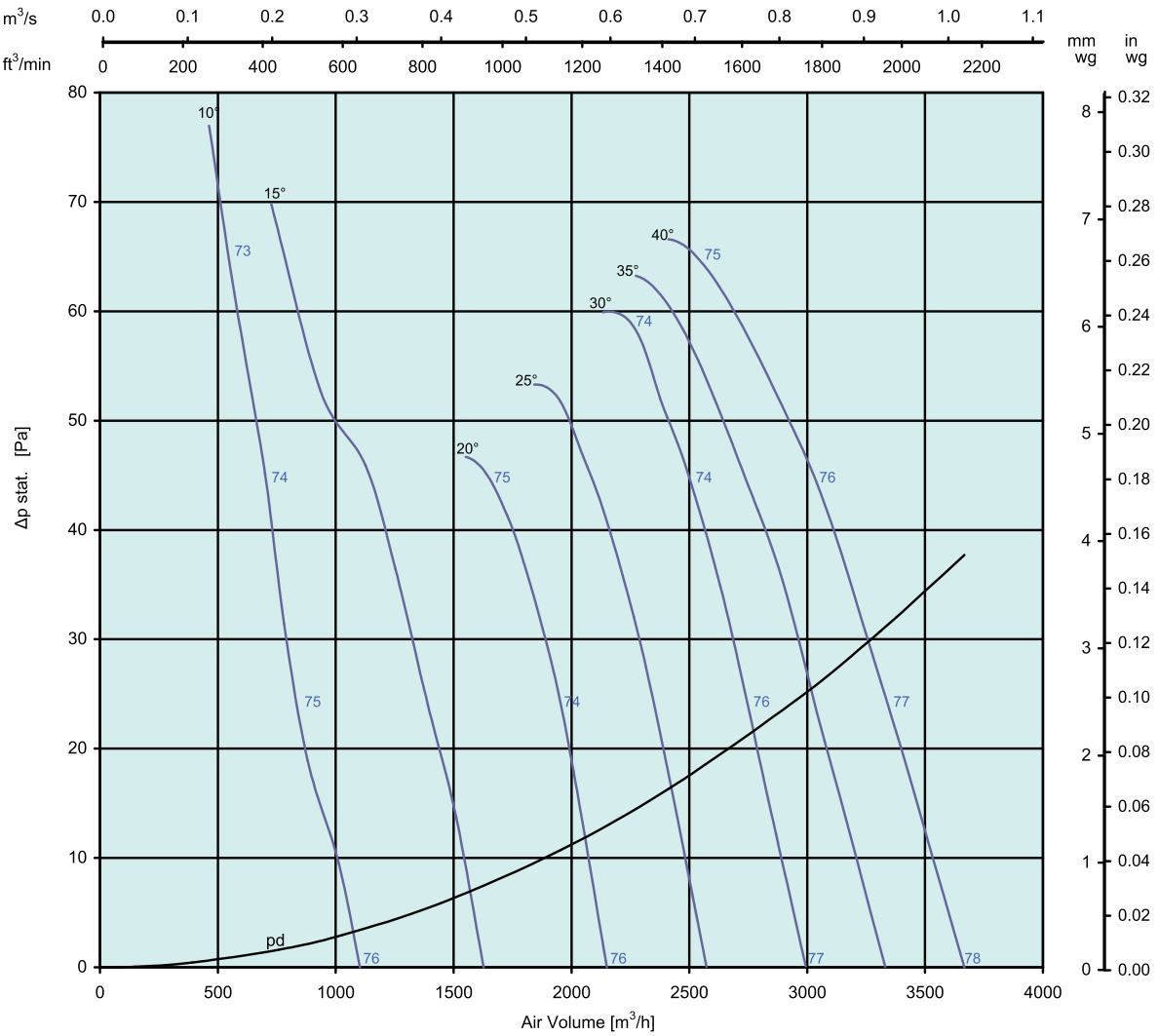
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

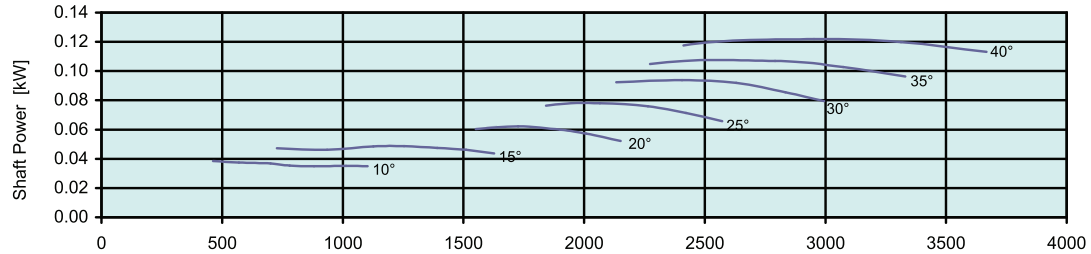
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 400-10-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

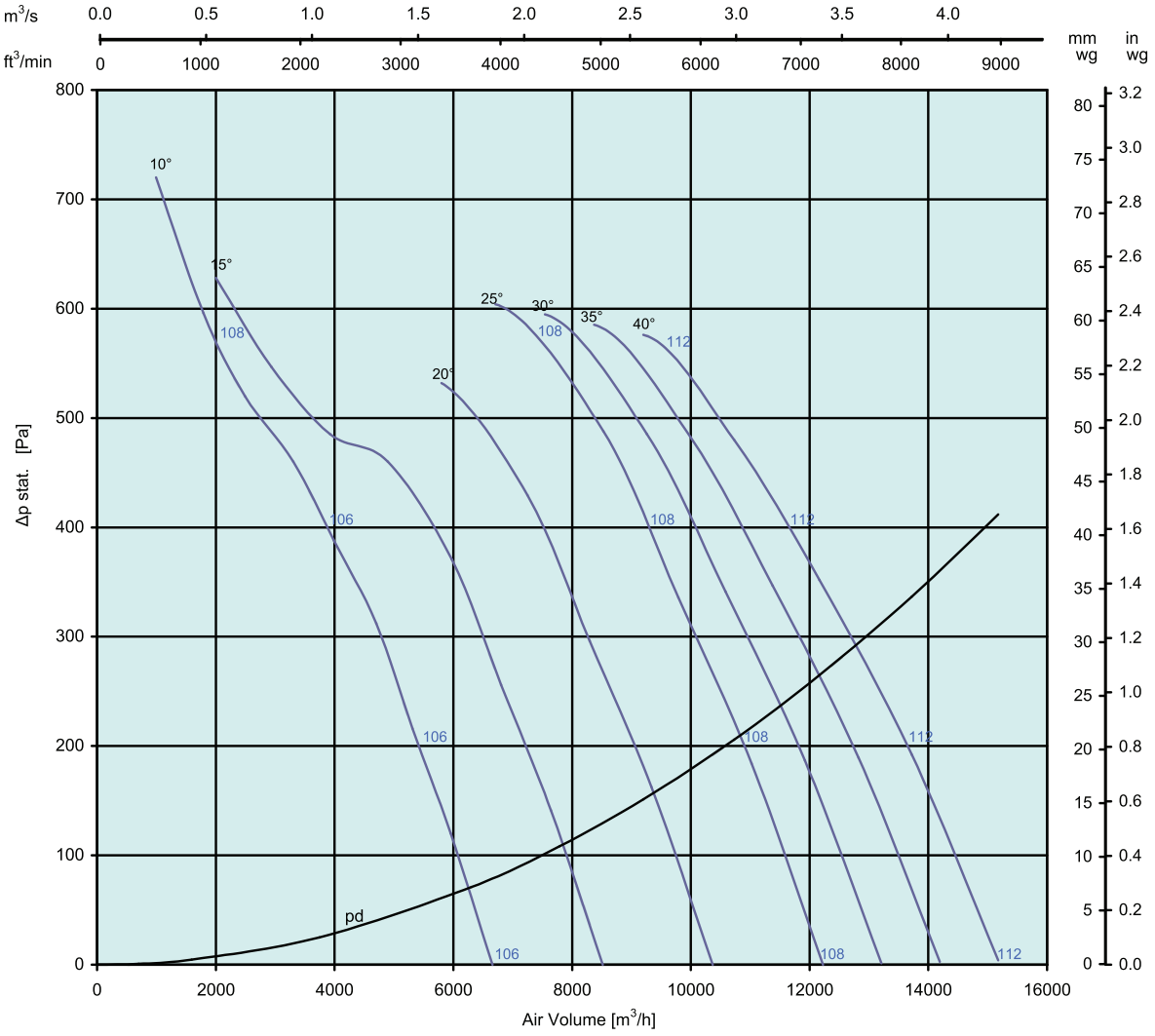
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<35	-5	-5	-5	-8	-12	-18	-24	-30
	<70	-3	-6	-7	-11	-15	-19	-23	-27
20°	<35	-7	-7	-4	-7	-12	-16	-21	-26
	<45	-5	-6	-5	-8	-12	-17	-23	-28
30°	<35	-8	-7	-4	-7	-13	-18	-23	-27
	<60	-5	-5	-4	-7	-14	-18	-22	-26
40°	<35	-8	-7	-4	-7	-13	-19	-25	-31
	<65	-7	-6	-4	-9	-15	-20	-25	-30

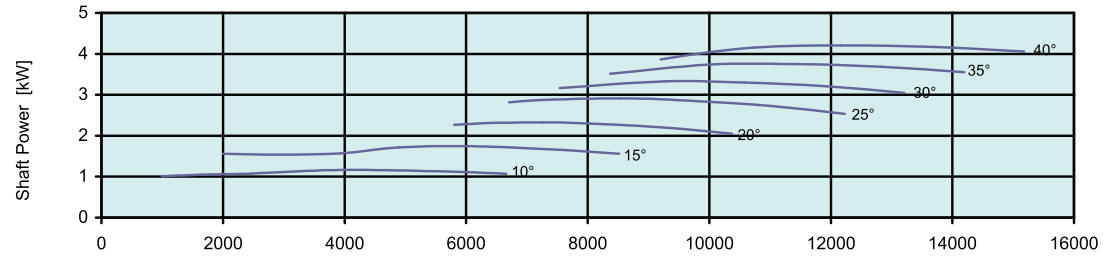
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 450-5-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

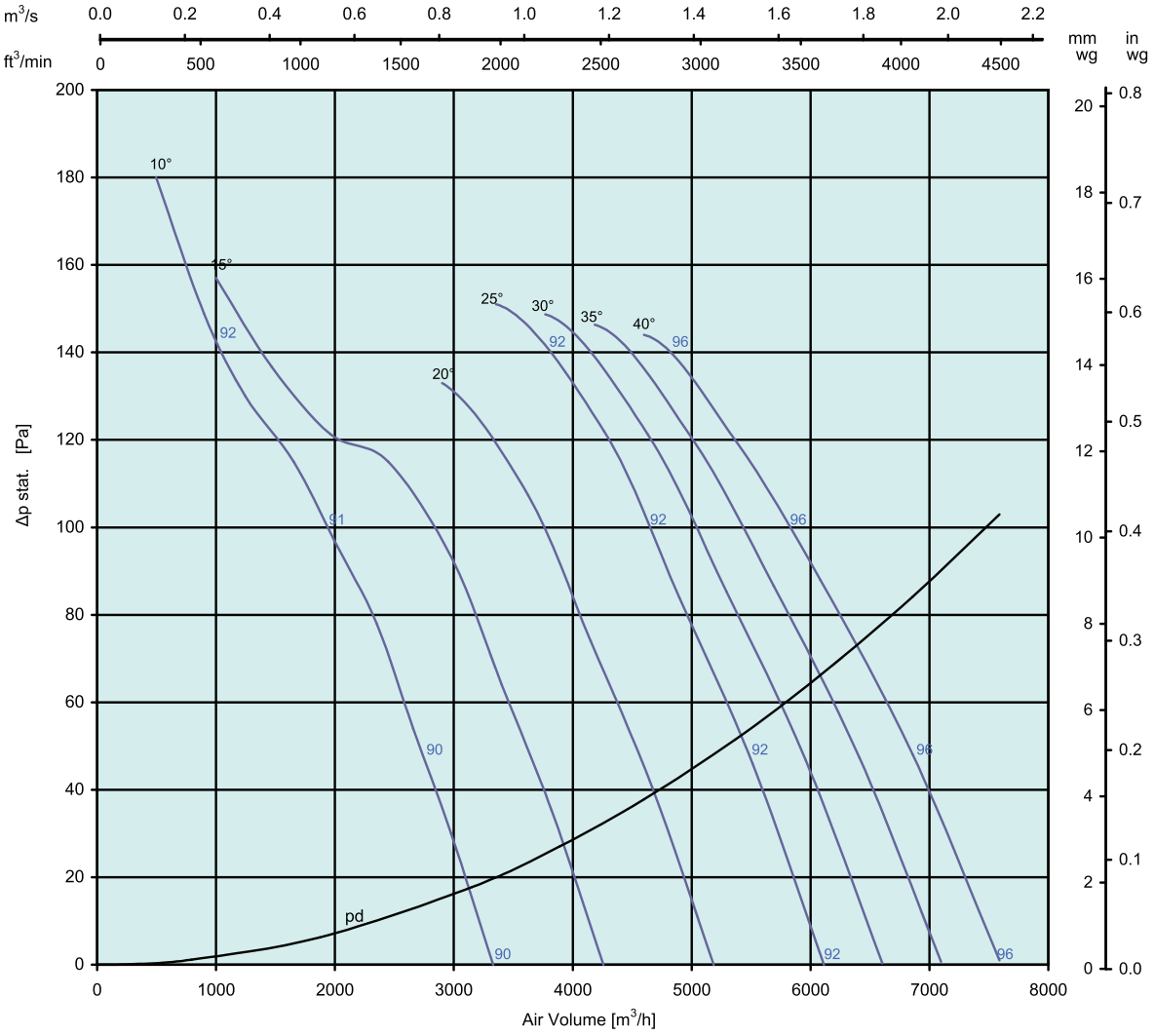
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<300	-6	-3	-7	-9	-11	-14	-20	-25
	<550	-7	-4	-7	-7	-11	-14	-20	-25
25°	<300	-8	-5	-4	-9	-18	-19	-22	-26
	<600	-8	-5	-4	-9	-19	-20	-23	-27
40°	<300	-7	-4	-6	-9	-19	-22	-26	-30
	<550	-7	-4	-4	-10	-19	-23	-26	-29

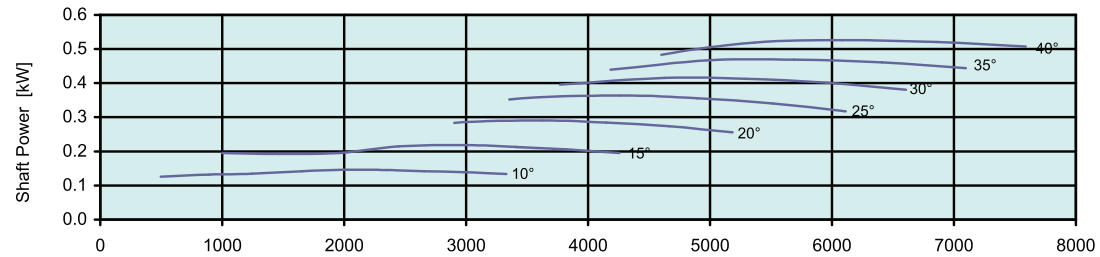
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 450-5-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

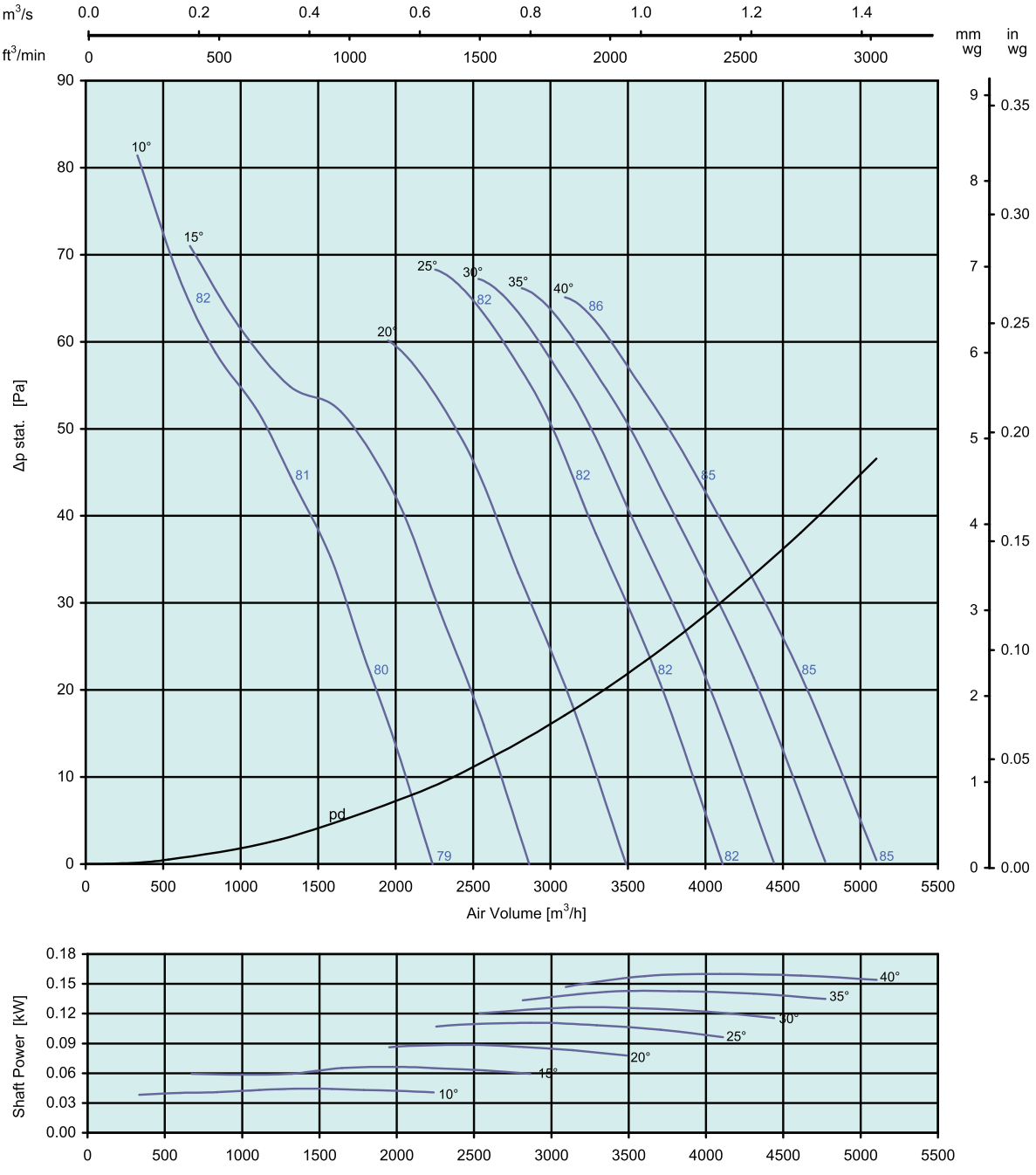
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<80	-2	-5	-9	-10	-14	-19	-24	-30
	<140	-3	-6	-6	-10	-14	-20	-25	-31
25°	<80	-4	-3	-8	-17	-18	-21	-25	-32
	<150	-4	-3	-8	-18	-19	-22	-26	-33
40°	<80	-3	-5	-8	-18	-21	-25	-29	-34
	<140	-3	-3	-9	-18	-22	-25	-28	-32

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 450-5-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm



SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<35	-2	-6	-8	-10	-15	-20	-25	-31
	<60	-3	-4	-8	-10	-16	-21	-27	-33
25°	<35	-2	-5	-12	-16	-19	-22	-28	-35
	<65	-2	-5	-13	-17	-20	-23	-29	-36
40°	<35	-2	-5	-12	-18	-21	-25	-30	-35
	<60	-2	-5	-12	-18	-22	-25	-29	-33

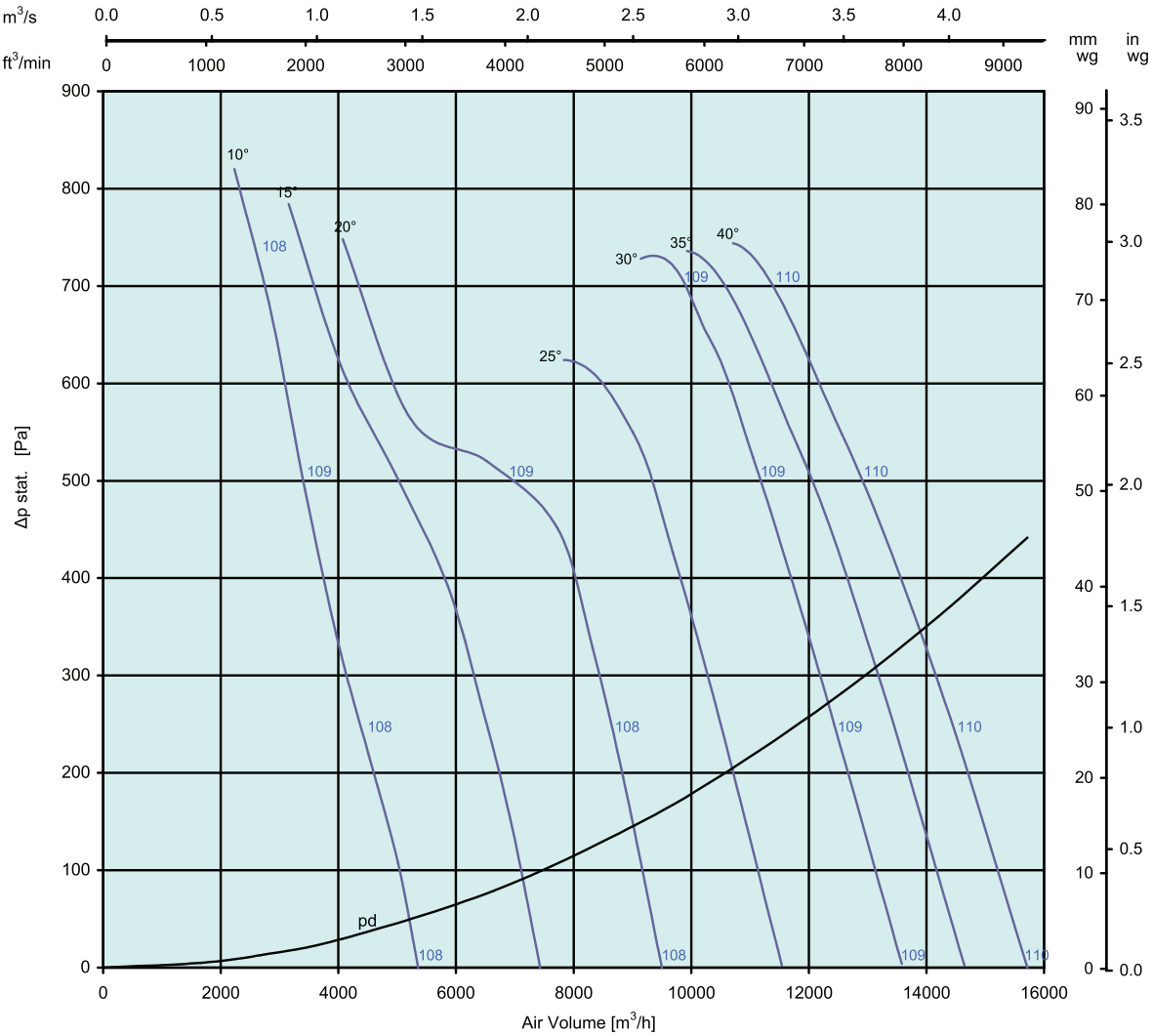
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

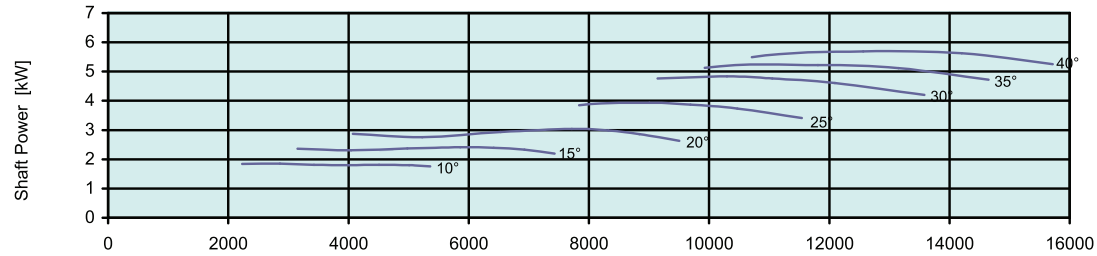
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 450-10-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

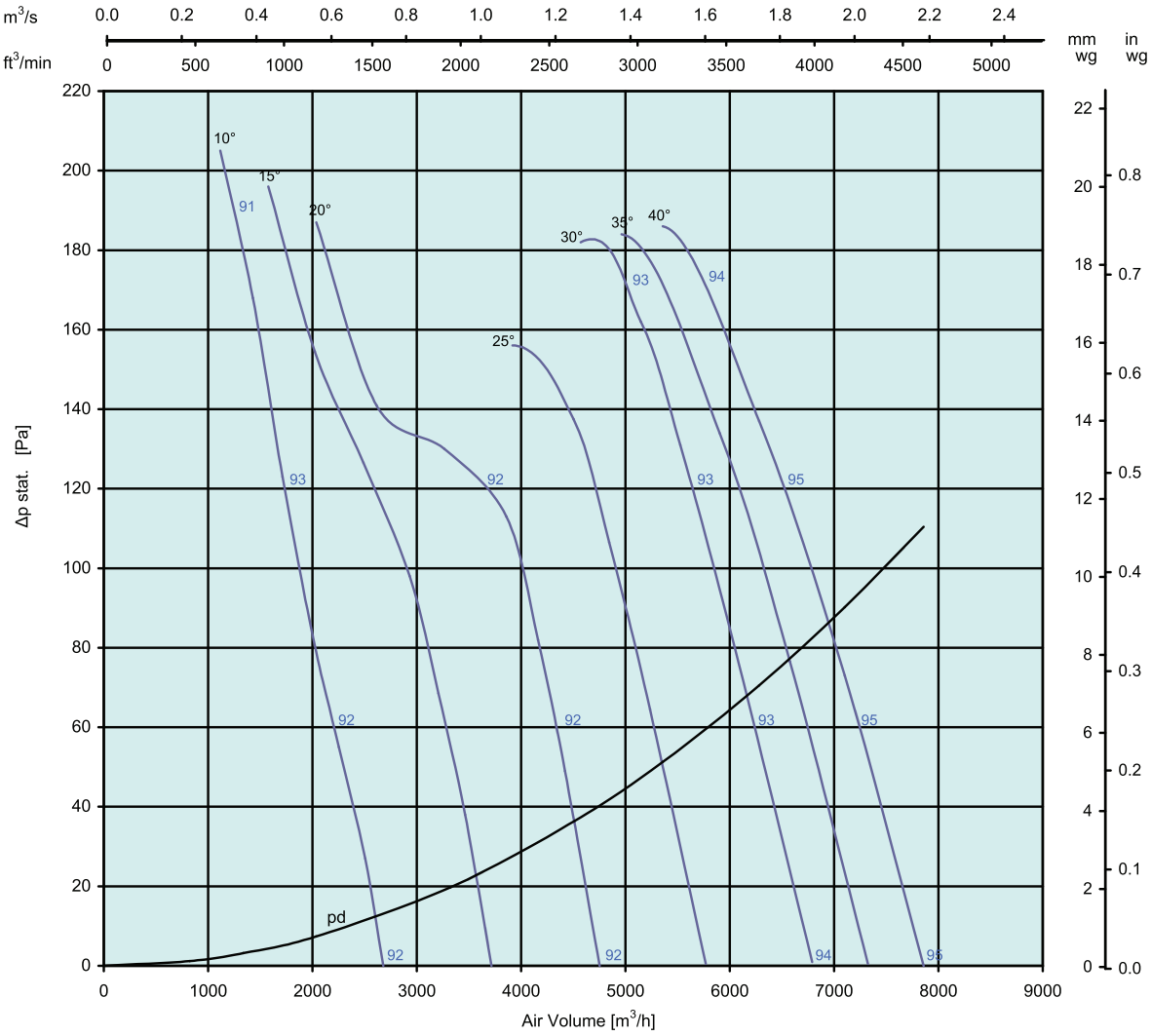
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<300	-6	-3	-10	-8	-12	-15	-18	-25
	<800	-7	-4	-8	-6	-15	-18	-22	-28
20°	<300	-6	-3	-11	-8	15	-16	-18	-24
	<450	-7	-4	-10	-7	-16	-16	-20	-25
30°	<300	-7	-4	-11	-3	-14	-15	-19	-25
	<700	-8	-5	-12	-3	-17	-17	-21	-26
40°	<300	-7	-4	-14	-3	-16	-16	-20	-25
	<700	-8	-5	-10	-3	-16	-18	-22	-27

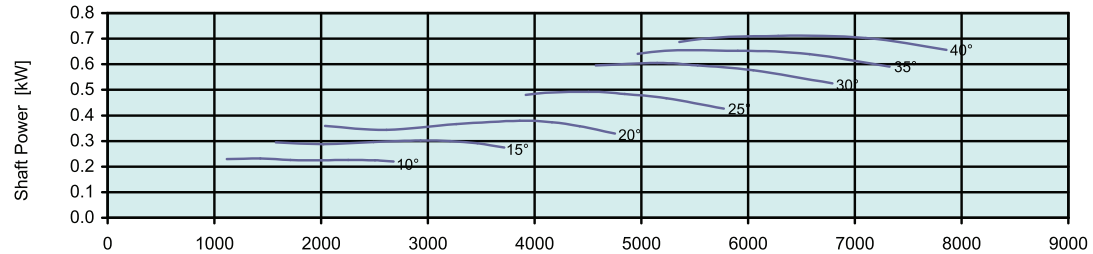
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 450-10-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<80	-2	-8	-7	-11	-14	-17	-24	-31
	<200	-3	-7	-5	-14	-17	-21	-25	-32
20°	<80	-2	-9	-6	-14	-15	-17	-23	-29
	<120	-2	-9	-6	-14	-15	-18	-23	-29
30°	<80	-3	-10	-3	-13	-14	-18	-24	-31
	<170	-5	-11	-2	-16	-17	-21	-26	-32
40°	<80	-4	-13	-3	-15	-16	-20	-25	-31
	<170	-5	-10	-3	-15	-18	-22	-27	-32

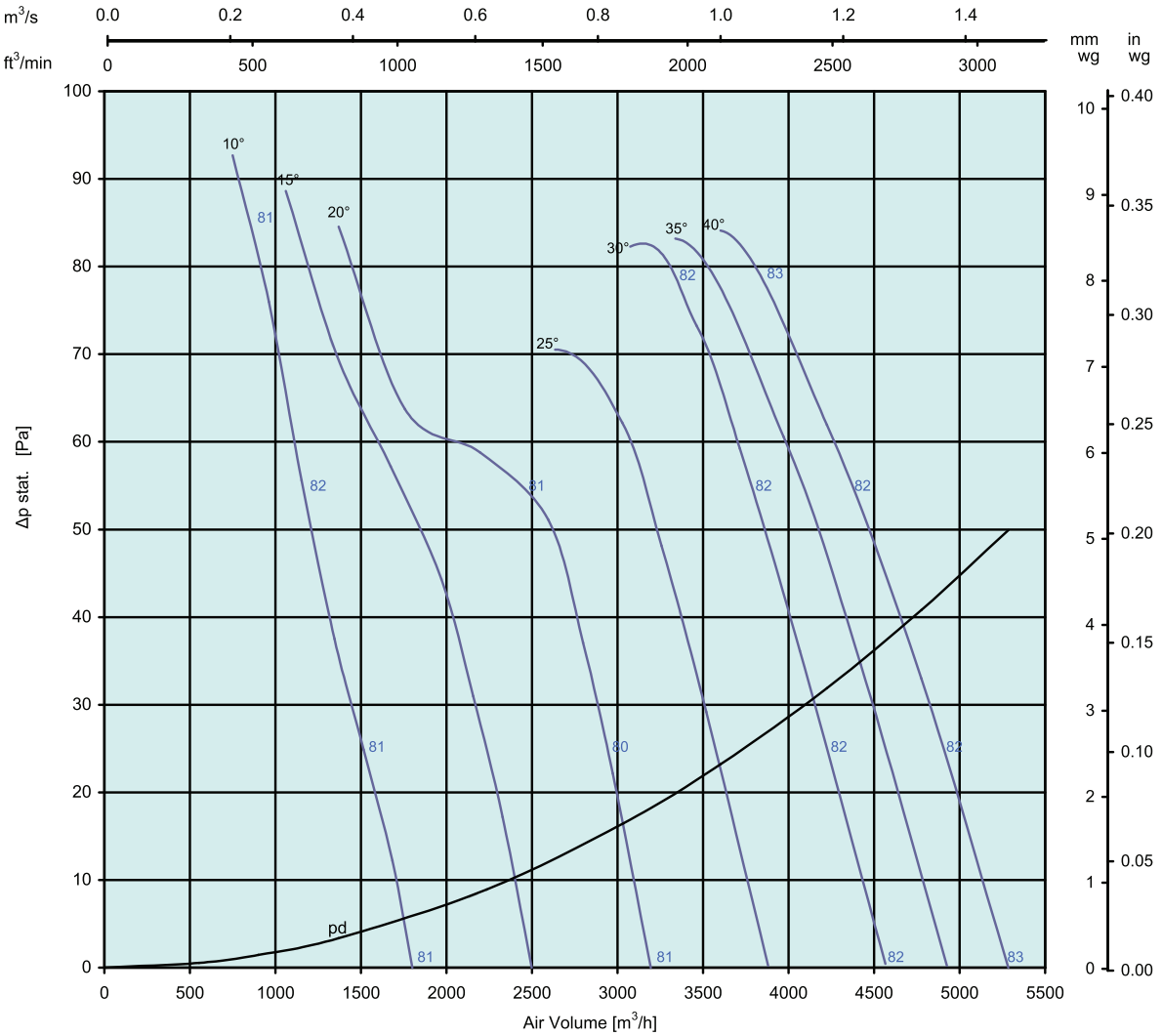
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

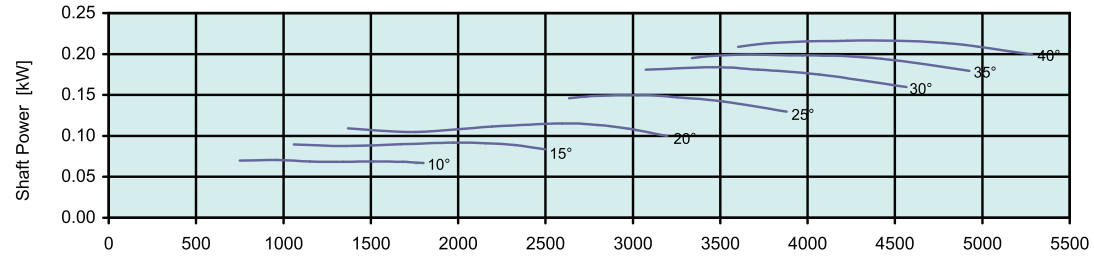
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 450-10-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

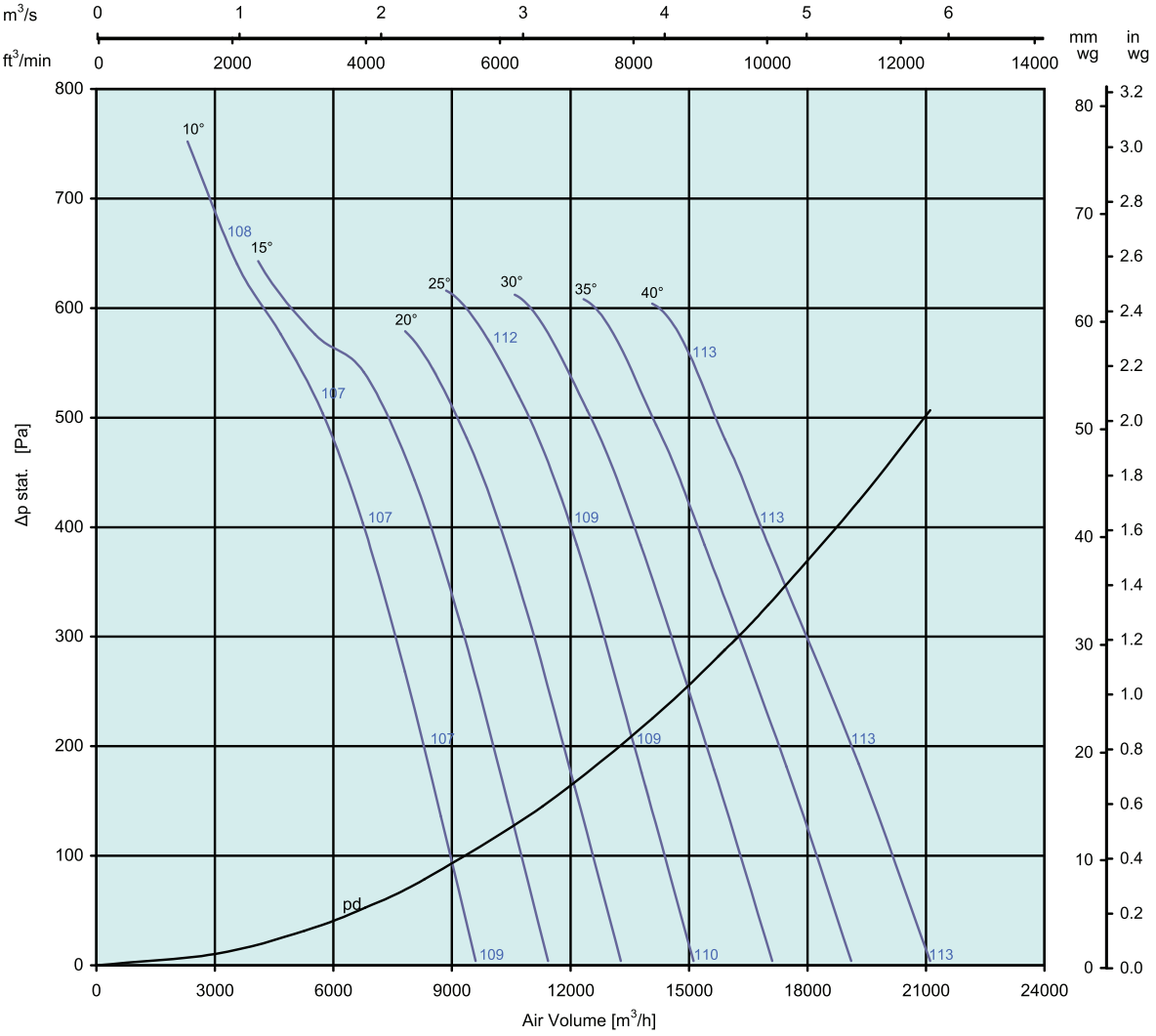
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<35	-3	-5	-8	-10	-13	-18	-25	-32
	<90	-3	-4	-9	-13	-17	-21	-26	-33
20°	<35	-4	-5	-8	-12	-13	-18	-24	-30
	<55	-4	-5	-8	-12	-14	-19	-24	-30
30°	<35	-5	-3	-7	-11	-14	-19	-26	-33
	<80	-6	-3	-8	-14	-16	-21	-27	-33
40°	<35	-6	-3	-6	-12	-15	-19	-25	-31
	<80	-5	-3	-6	-13	-16	-21	-26	-32

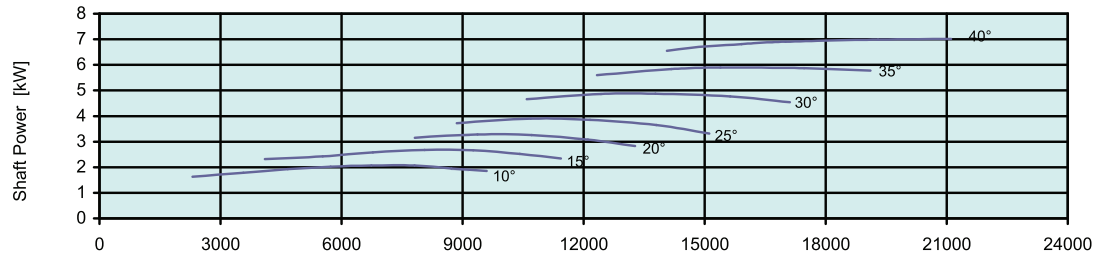
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 500-5-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-6	-3	-5	-11	-11	-15	-20	-25
	<620	-7	-4	-6	-8	-9	-14	-21	-27
25°	<400	-10	-7	-2	-10	-17	-20	-23	-26
	<520	-10	-7	-2	-10	-17	-19	-23	-26
40°	<400	-10	-7	-3	-7	-16	-19	-23	-27
	<550	-10	-7	-2	-8	-17	-20	-23	-27

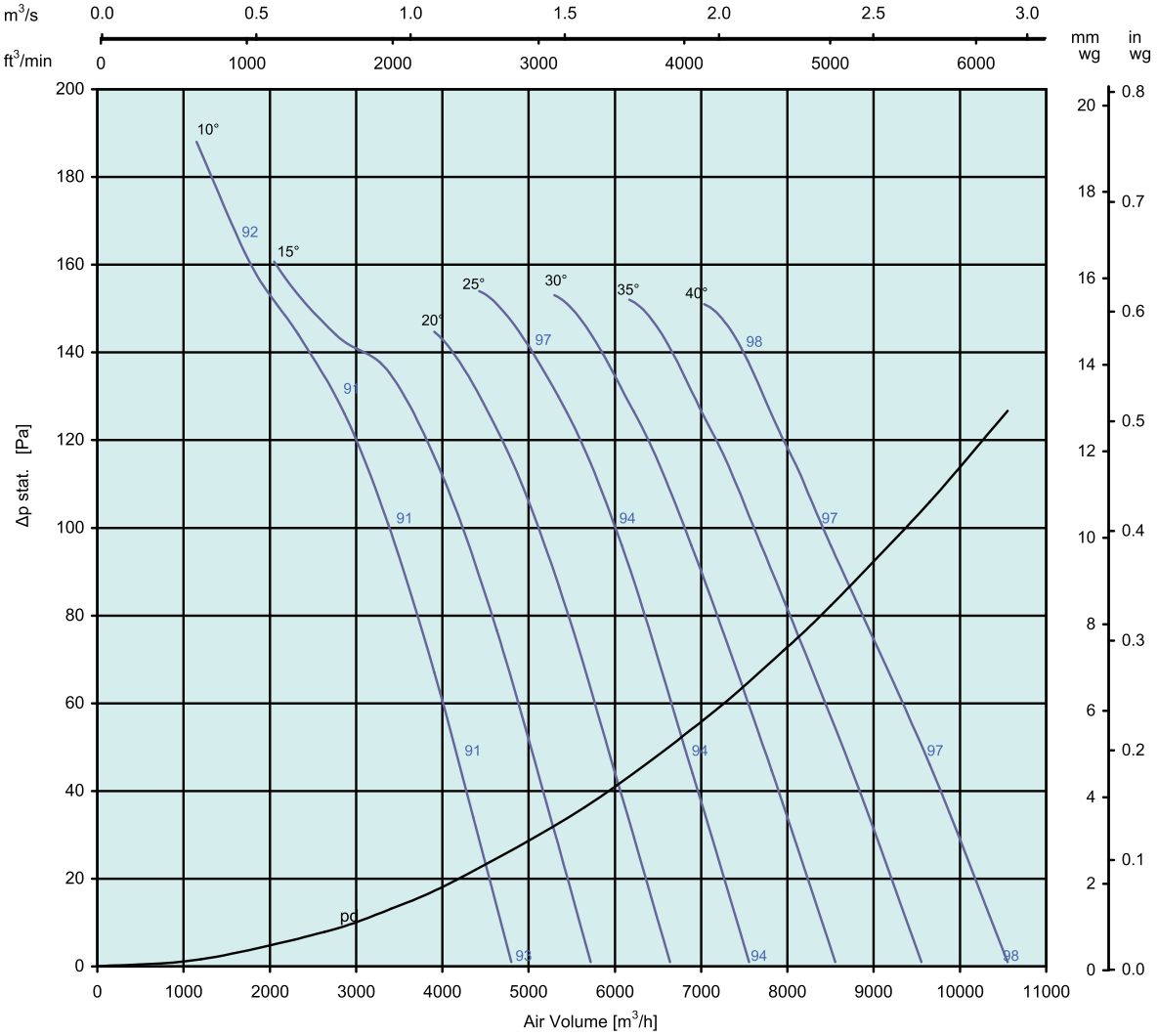
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

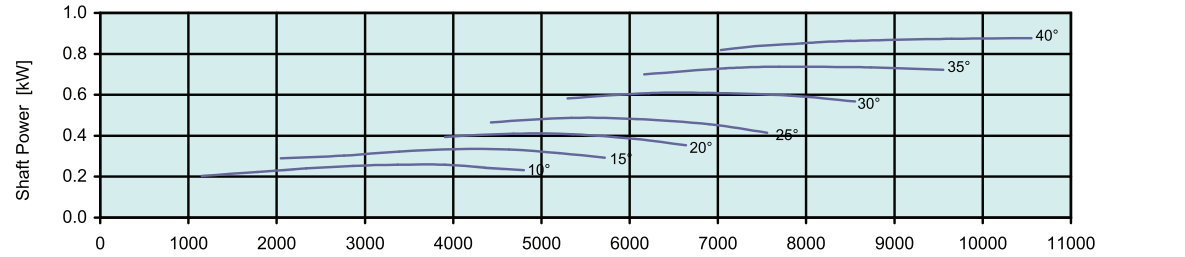
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 500-5-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

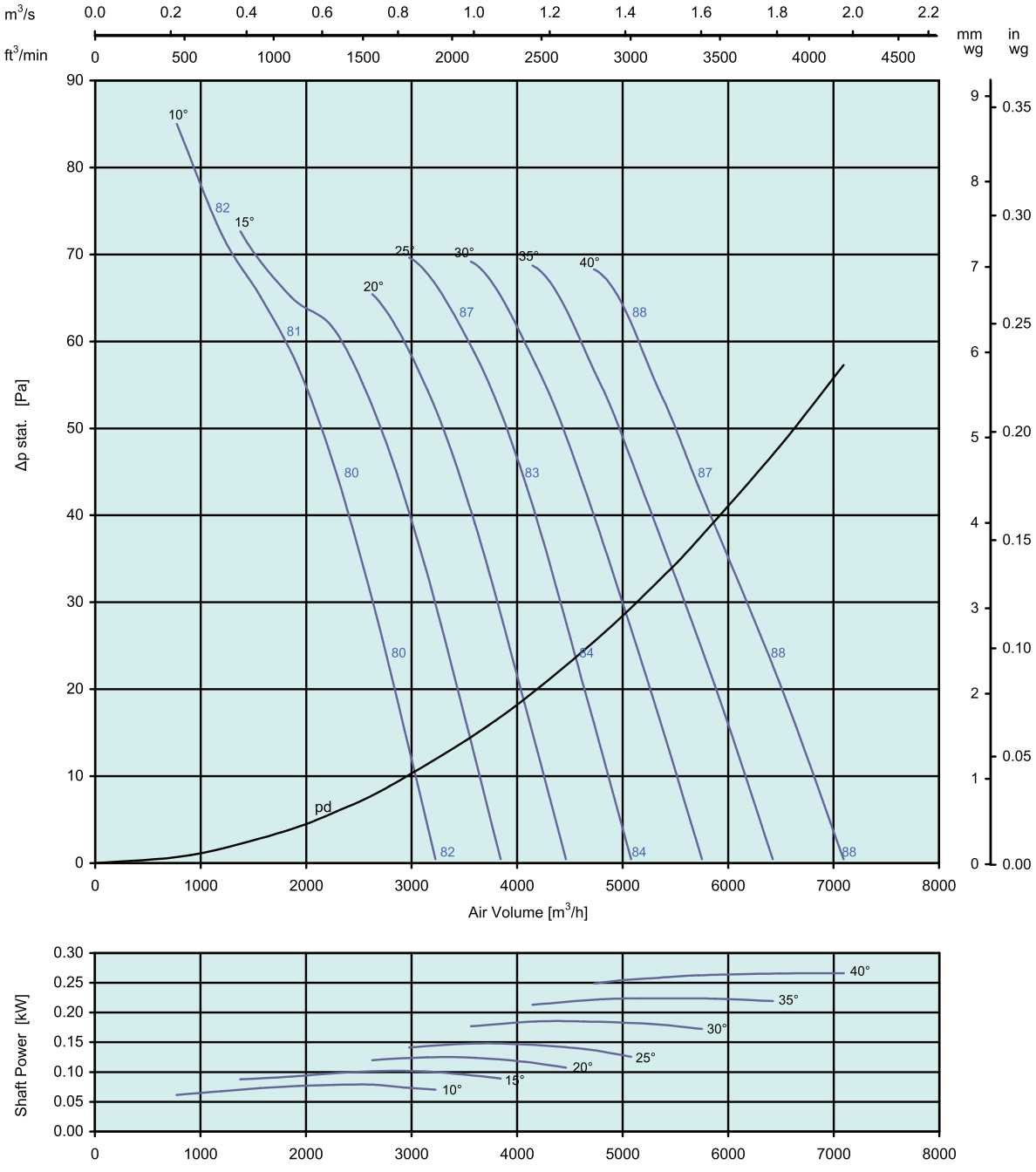
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<100	-2	-4	-10	-10	-14	-19	-24	-31
	<160	-3	-5	-7	-8	-13	-20	-26	-33
25°	<100	-6	-2	-9	-16	-19	-22	-26	-32
	<130	-6	-2	-10	-16	-18	-22	-25	-31
40°	<100	-7	-2	-7	-16	-19	-23	-27	-33
	<140	-7	-2	-8	-16	-20	-23	-27	-33

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 500-5-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm



SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<45	-2	-6	-10	-10	-16	-21	-27	-34
	<70	-3	-5	-8	-9	-15	-22	-28	-35
25°	<45	-2	-5	-12	-16	-20	-23	-28	-34
	<60	-2	-5	-12	-16	-19	-22	-27	-33
40°	<45	-3	-4	-11	-16	-20	-24	-29	-35
	<60	-3	-4	-11	-17	-21	-24	-29	-35

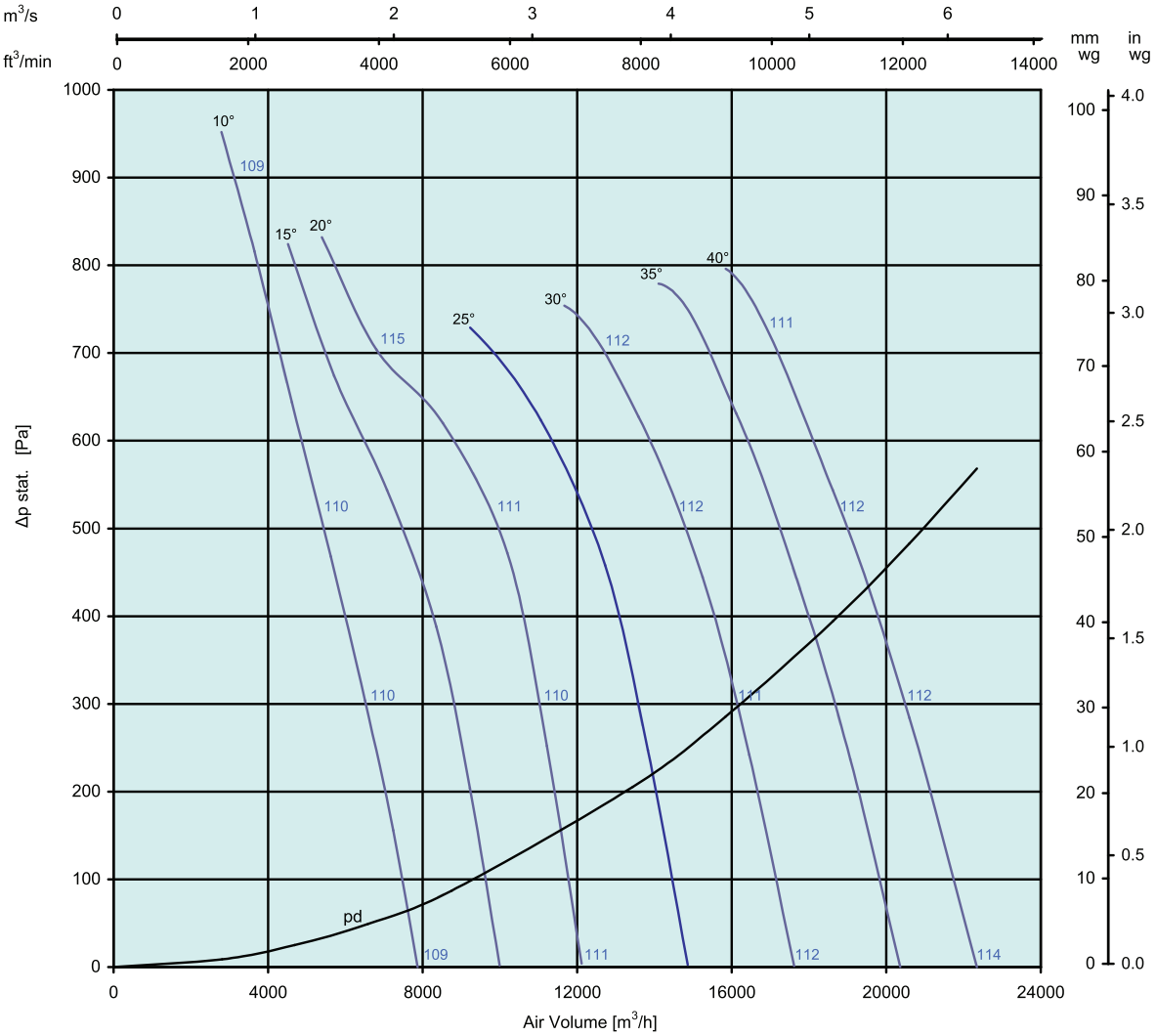
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

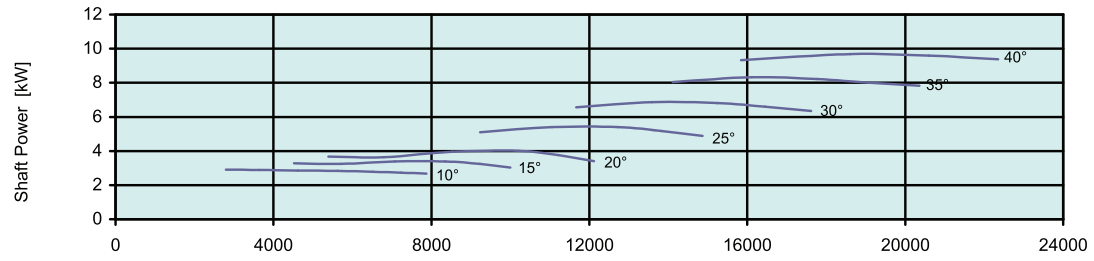
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 500-10-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

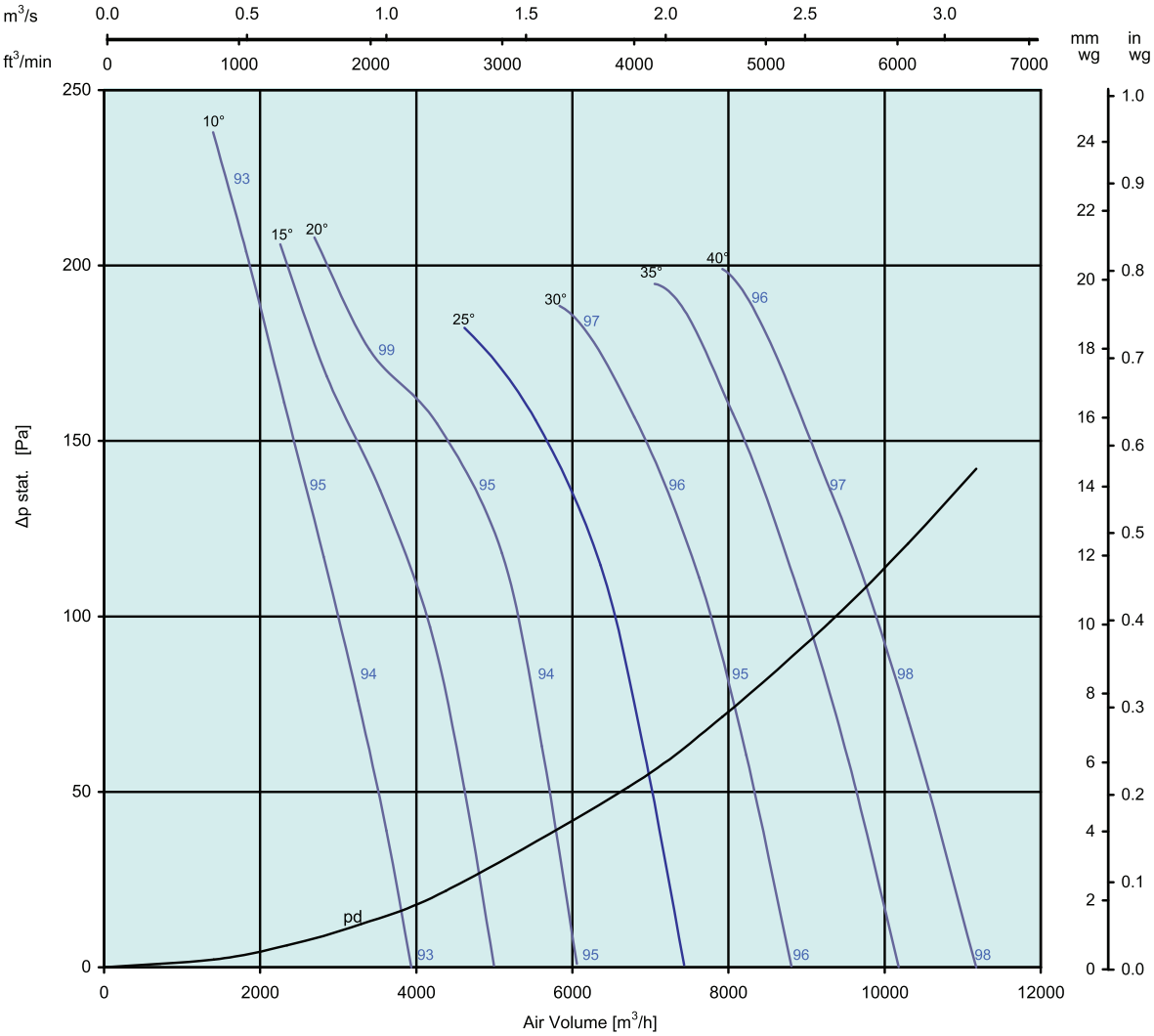
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<500	-7	-4	-8	-7	-10	-13	-15	-20
	<930	-7	-4	-7	-6	-12	-16	-20	-25
20°	<500	-7	-4	-10	-7	-14	-16	-17	-22
	<700	-7	-4	-4	-7	-15	-17	-19	-24
30°	<500	-7	-4	-10	-5	-13	-16	-19	-23
	<700	-7	-4	-9	-5	-15	-17	-21	-25
40°	<500	-9	-6	-9	-3	-15	-17	-22	-28
	<730	-9	-6	-10	-3	-15	-17	-22	-27

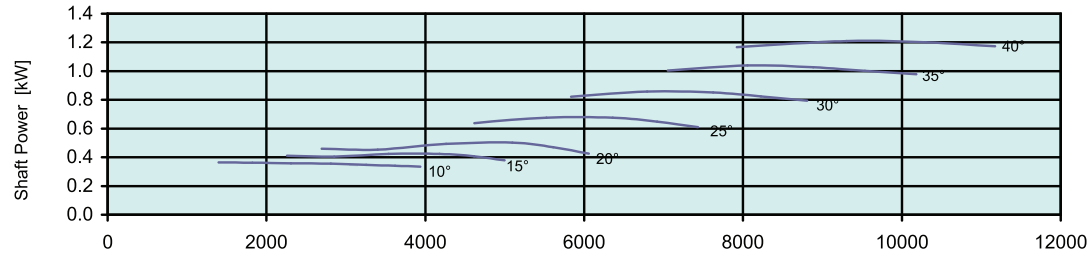
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 500-10-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

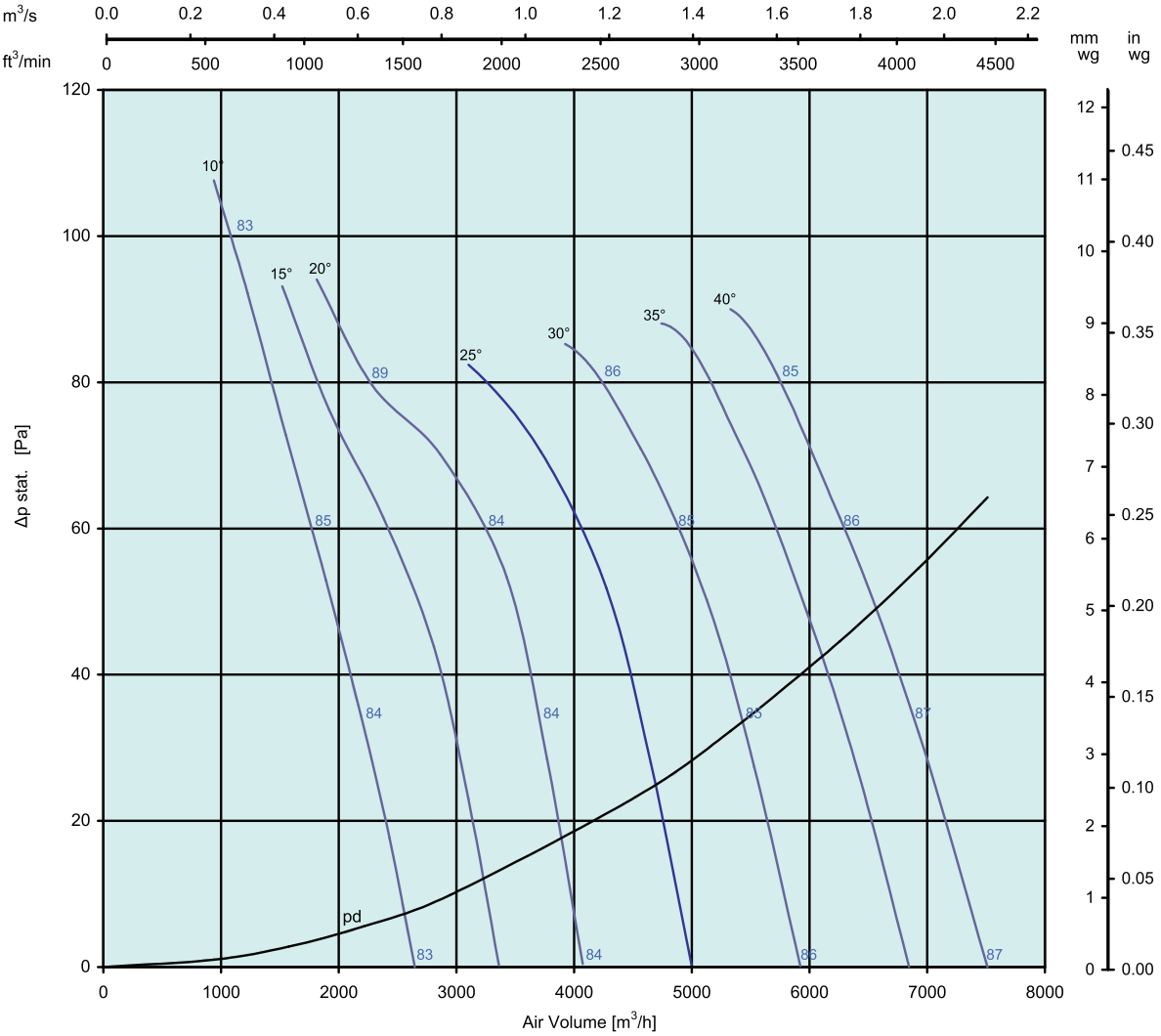
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<120	-3	-7	-6	-9	-12	-14	-19	-27
	<230	-3	-6	-5	-11	-15	-19	-24	-30
20°	<120	-3	-9	-6	-13	-15	-16	-21	-27
	<200	-3	-3	-6	-14	-16	-18	-22	-28
30°	<120	-4	-9	-4	-12	-15	-18	-22	-28
	<180	-4	-8	-4	-14	-17	-20	-24	-29
40°	<120	-5	-9	-3	-14	-16	-21	-27	-33
	<180	-6	-9	-2	-14	-17	-22	-27	-32

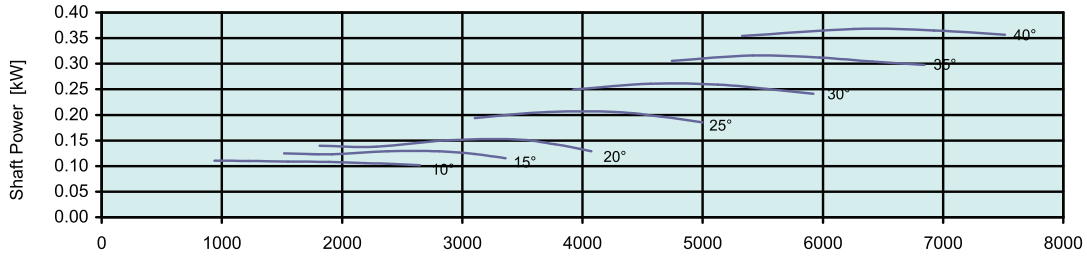
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 500-10-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

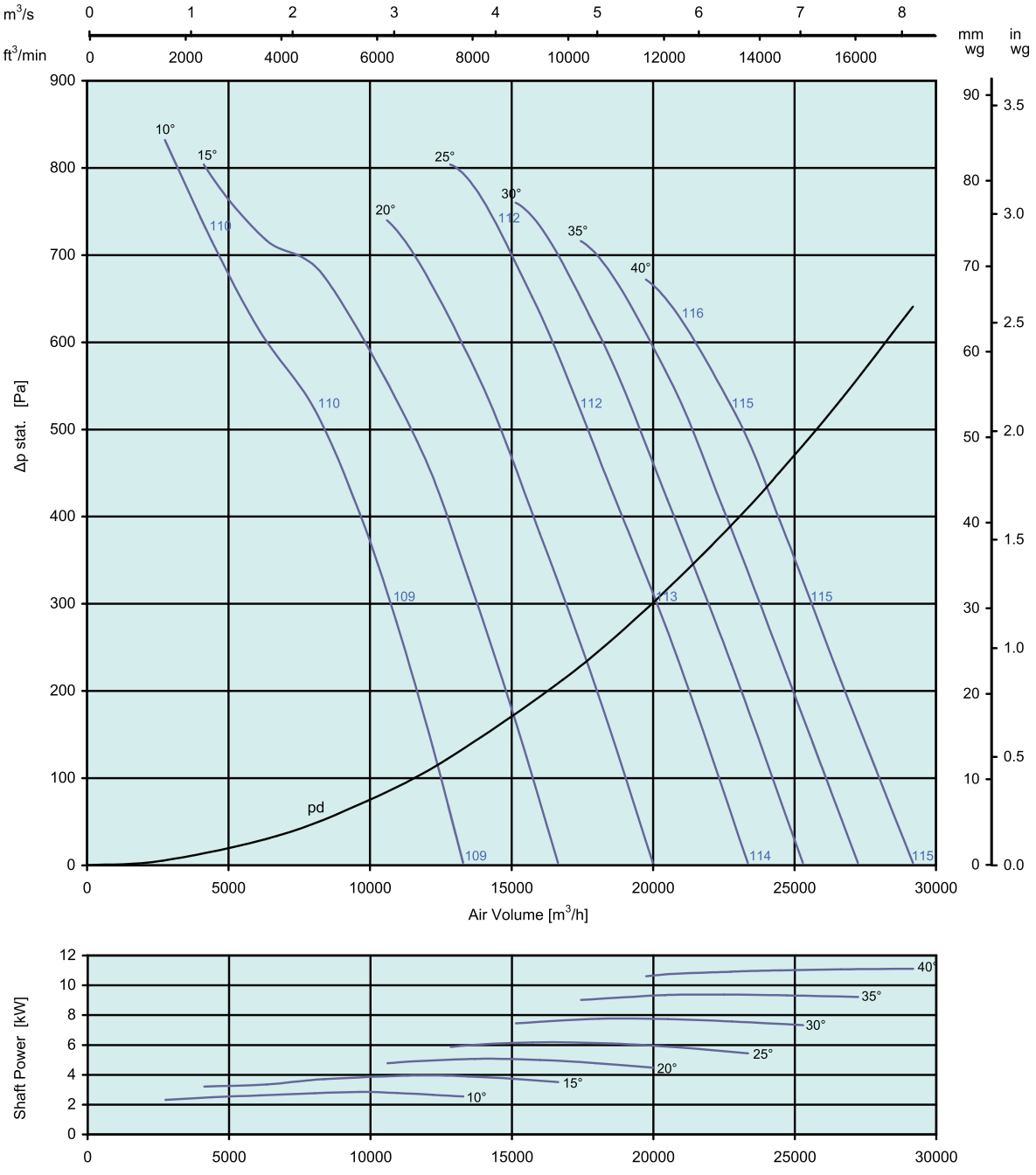
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-5	-5	-7	-9	-12	-16	-22	-30
	<100	-3	-4	-8	-13	-15	-20	-26	-32
20°	<50	-4	-5	-8	-12	-13	-16	-22	-28
	<90	-2	-5	-8	-13	-15	-19	-24	-30
30°	<50	-5	-4	-7	-12	-15	-18	-24	-29
	<80	-4	-4	-7	-13	-16	-20	-24	-29
40°	<50	-5	-3	-7	-13	-17	-22	-28	-34
	<80	-6	-3	-7	-13	-17	-22	-27	-32

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 560-5-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm



SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

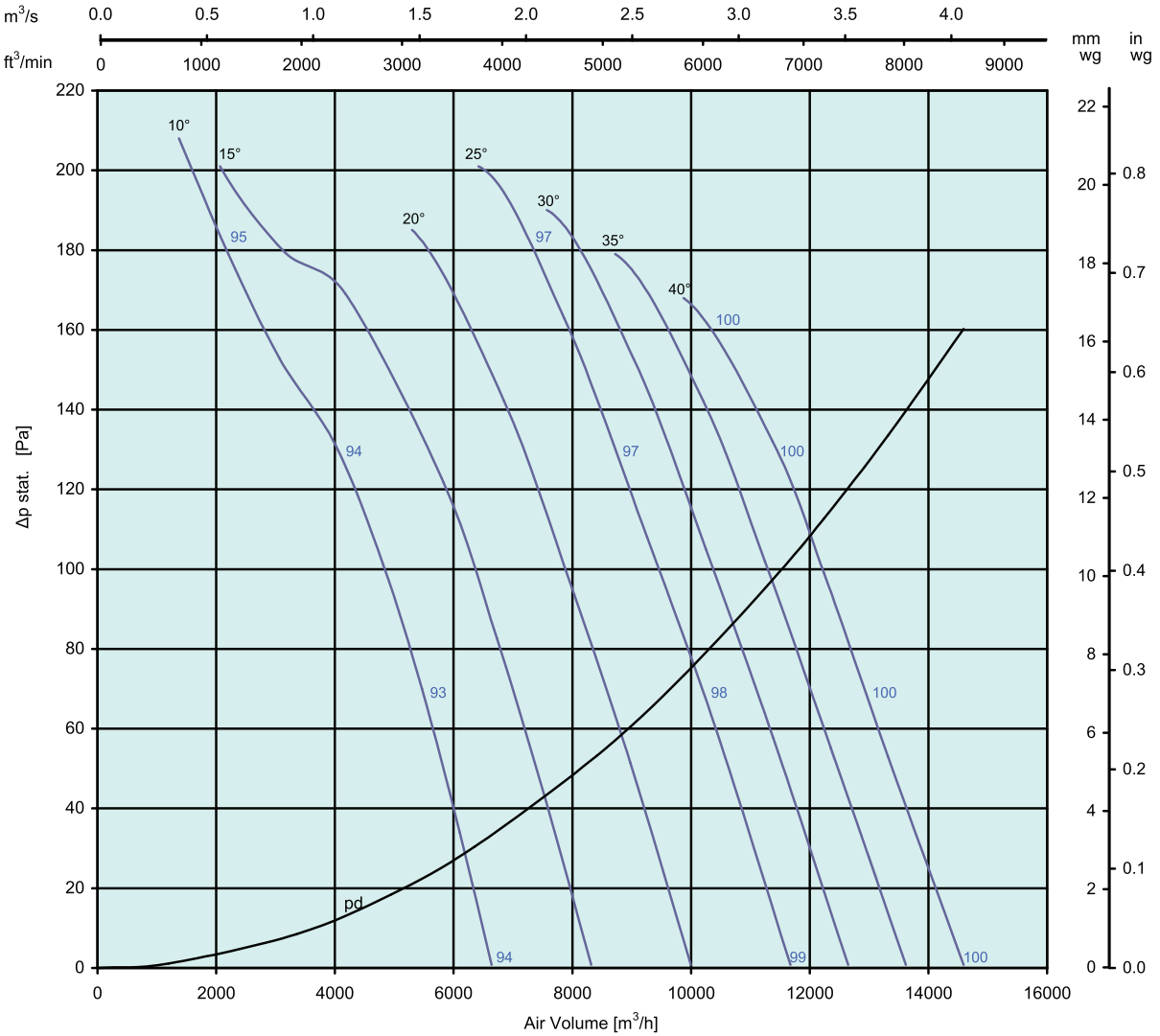
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-8	-5	-3	-10	-11	-14	-18	-21
	<720	-11	-8	-2	-8	-10	-13	-19	-24
25°	<400	-10	-7	-2	-12	-15	-20	-24	-29
	<720	-10	-7	-2	-14	-15	-19	-23	-27
40°	<400	-11	-8	-2	-10	-13	-18	-23	-29
	<600	-11	-8	-1	-13	-15	-19	-24	-29

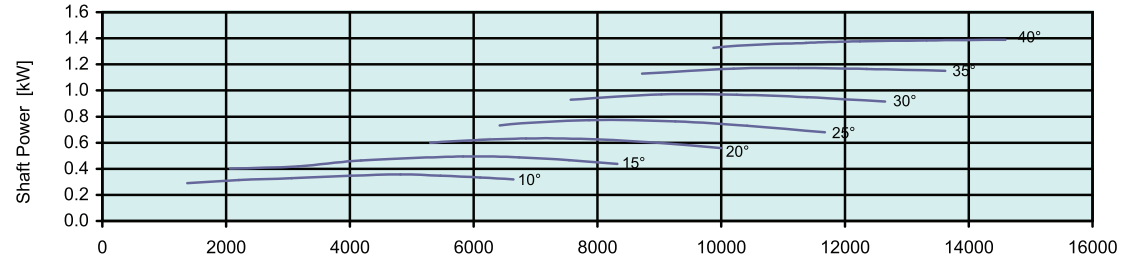
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 560-5-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

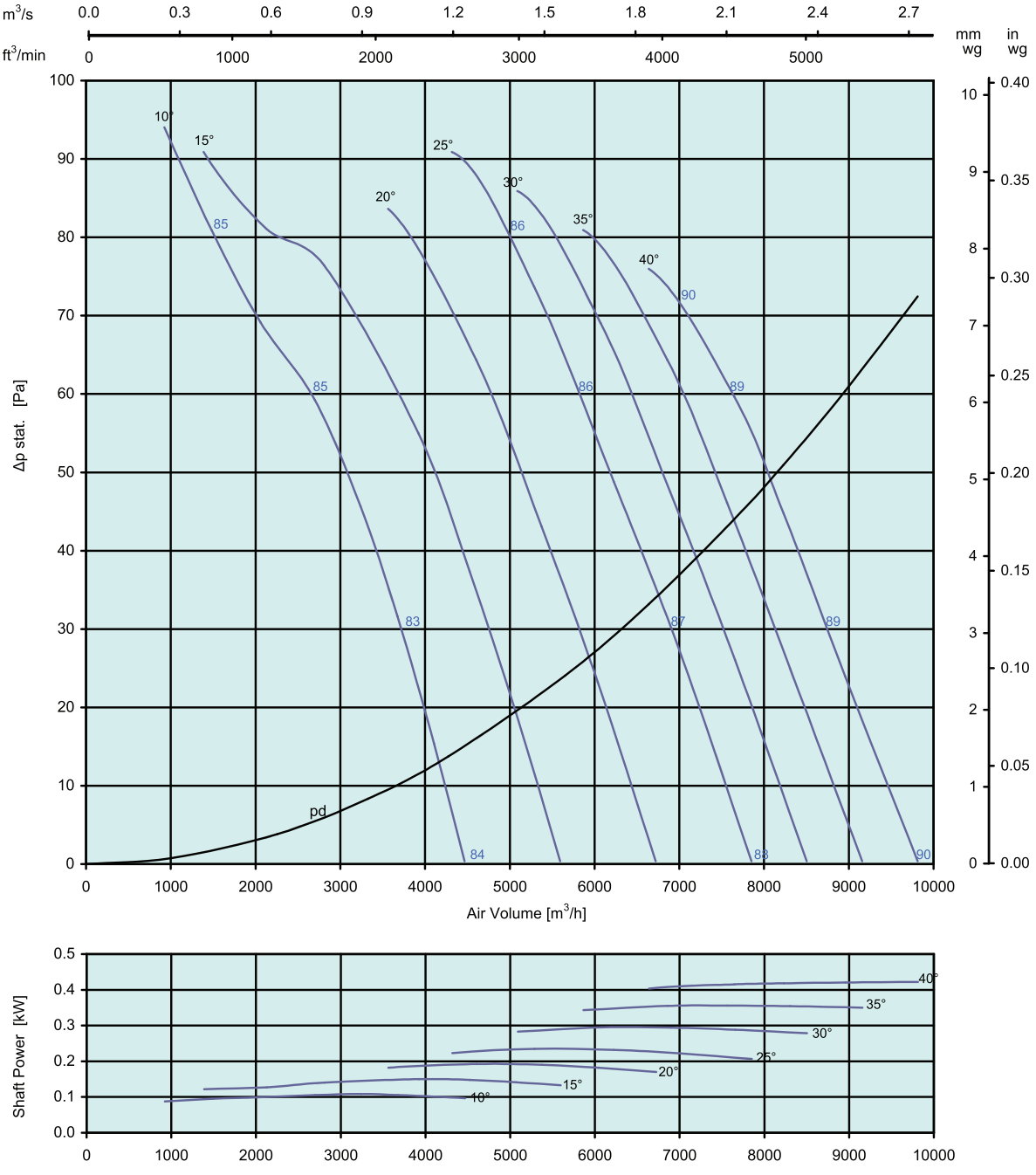
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<100	-5	-2	-10	-10	-13	-17	-21	-29
	<180	-7	-2	-7	-9	-12	-18	-25	-31
25°	<100	-7	-1	-12	-15	-20	-24	-29	-34
	<180	-7	-1	-13	-15	-19	-23	-27	-32
40°	<100	-8	-1	-10	-13	-18	-23	-29	-33
	<160	-8	-1	-12	-14	-19	-24	-29	-33

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 560-5-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm



SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<40	-3	-6	-9	-11	-14	-19	-26	-34
	<80	-3	-4	-8	-10	-15	-20	-27	-35
25°	<40	-2	-6	-12	-16	-20	-25	-30	-35
	<80	-2	-7	-12	-15	-19	-23	-28	-32
40°	<40	-2	-5	-10	-14	-19	-25	-30	-34
	<70	-2	-6	-12	-15	-20	-25	-29	-33

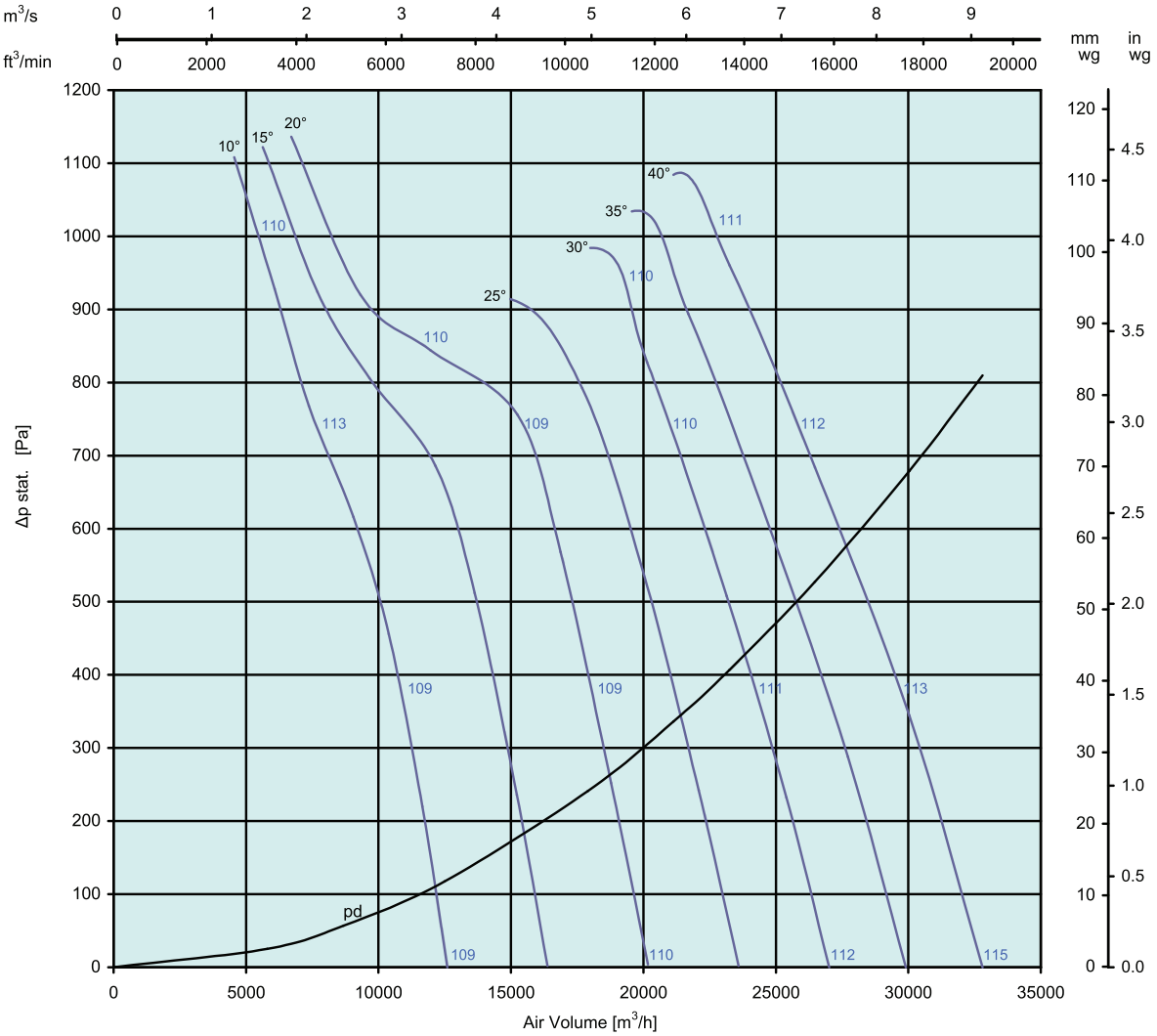
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

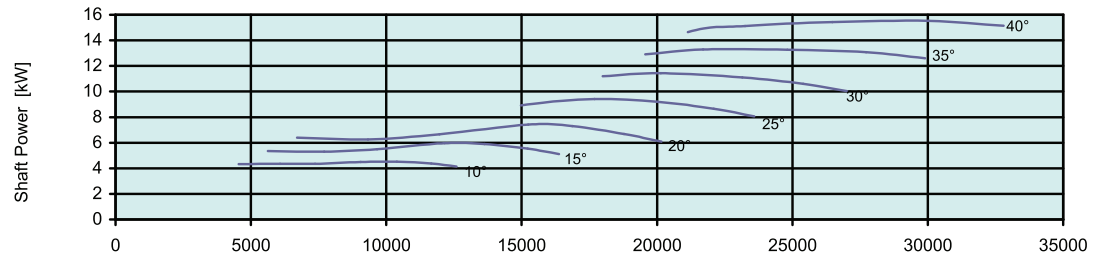
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 560-10-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

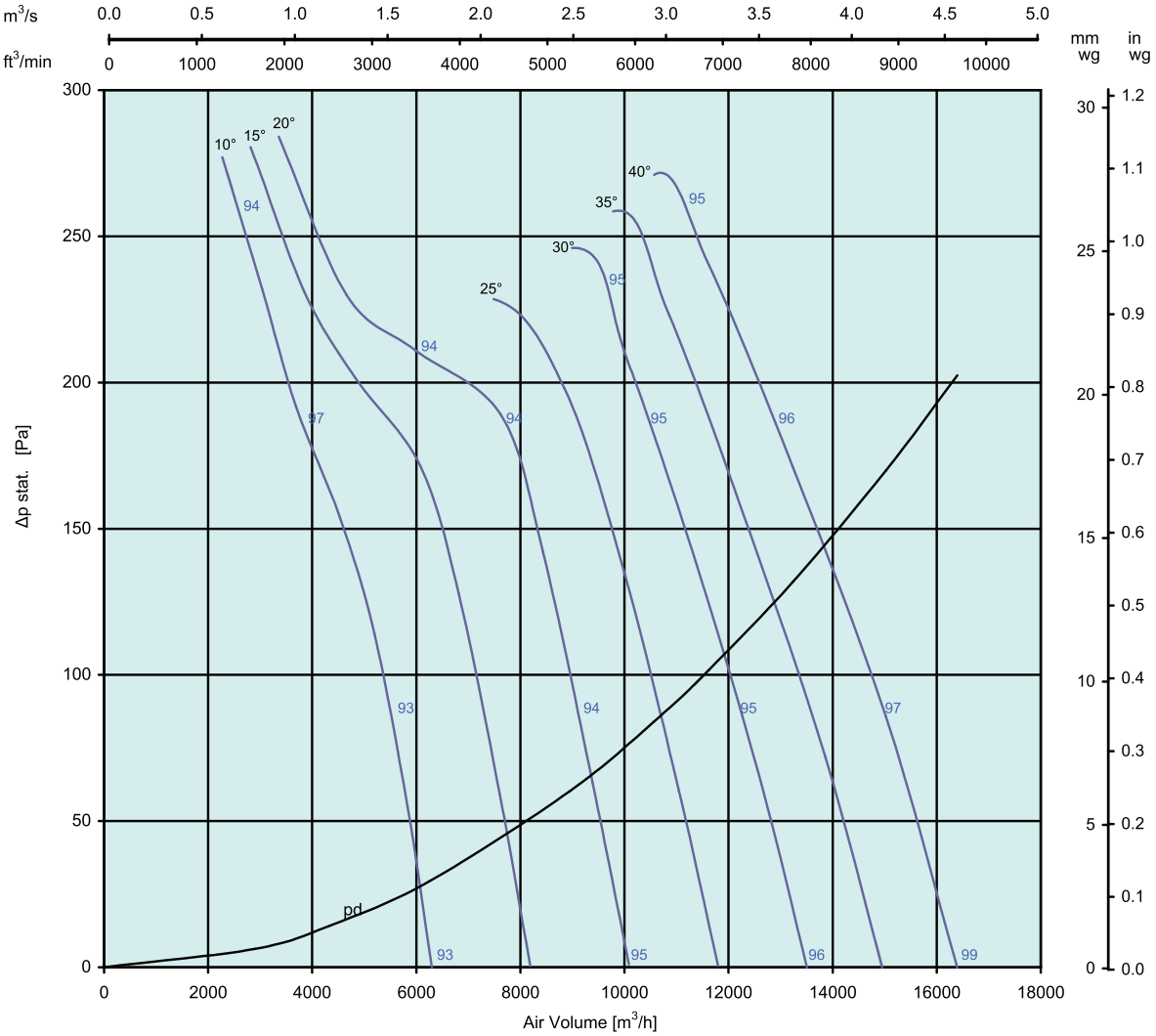
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<600	-9	-6	-10	-6	-7	-9	-13	-19
	<1100	-8	-5	-7	-4	-10	-13	-18	-24
20°	<600	-9	-6	-11	-4	-10	-12	-16	-19
	<800	-9	-6	-12	-4	-10	-13	-16	-20
30°	<600	-9	-6	-11	-3	-11	-13	-18	-22
	<950	-9	-6	-9	-3	-10	-14	-18	-21
40°	<600	-7	-4	-10	-5	-12	-14	-20	-25
	<1000	-8	-5	-10	-5	-11	-14	-19	-24

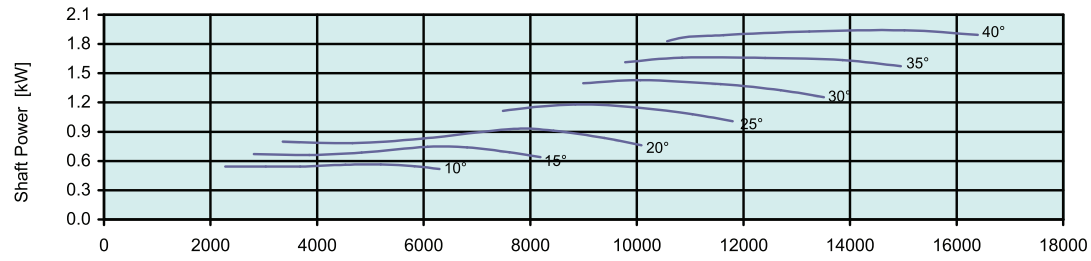
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 560-10-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<150	-5	-10	-6	6	-8	-12	-18	-26
	<270	-5	-5	-3	-9	-12	-16	-23	-31
20°	<150	-5	-11	-3	-10	-12	-16	-19	-25
	<200	-5	-11	-3	-10	-13	-16	-20	-25
30°	<150	-5	-10	-3	-10	-12	-17	-21	-27
	<230	-6	-9	-3	-10	-14	-18	-21	-27
40°	<150	-3	-9	-4	-11	-13	-19	-24	-30
	<260	-4	-9	-4	-10	-13	-18	-23	-27

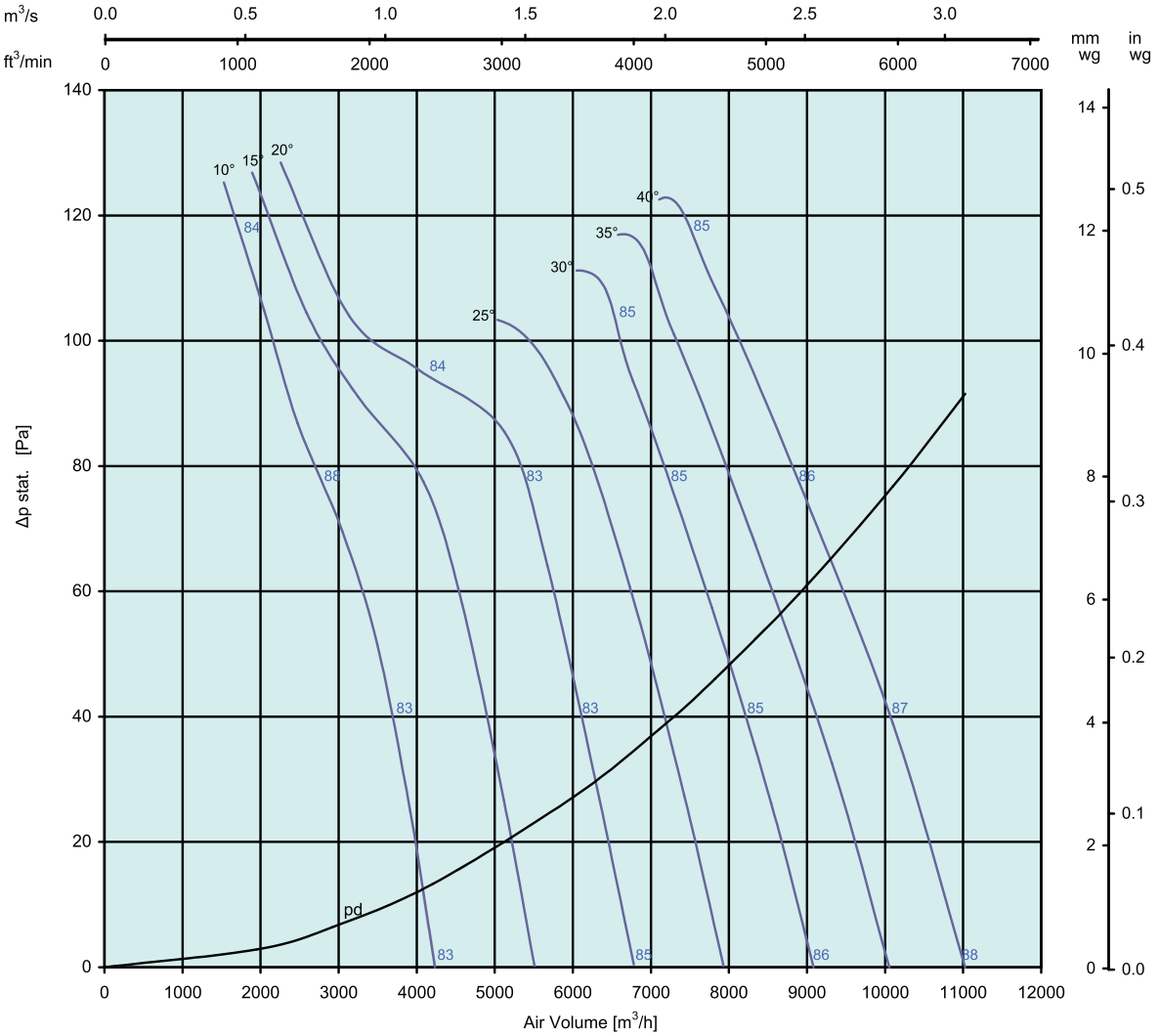
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

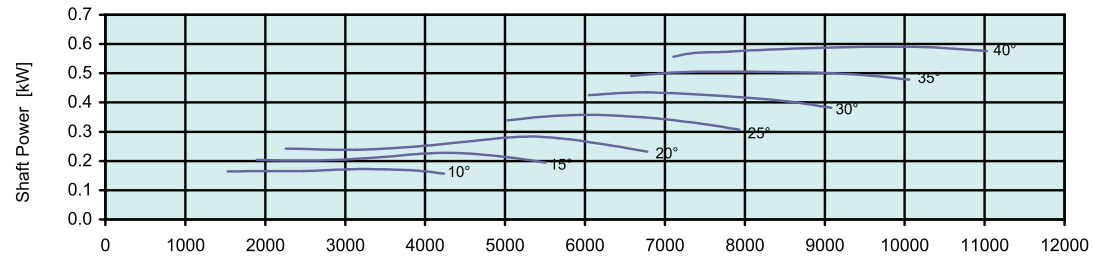
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 560-10-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

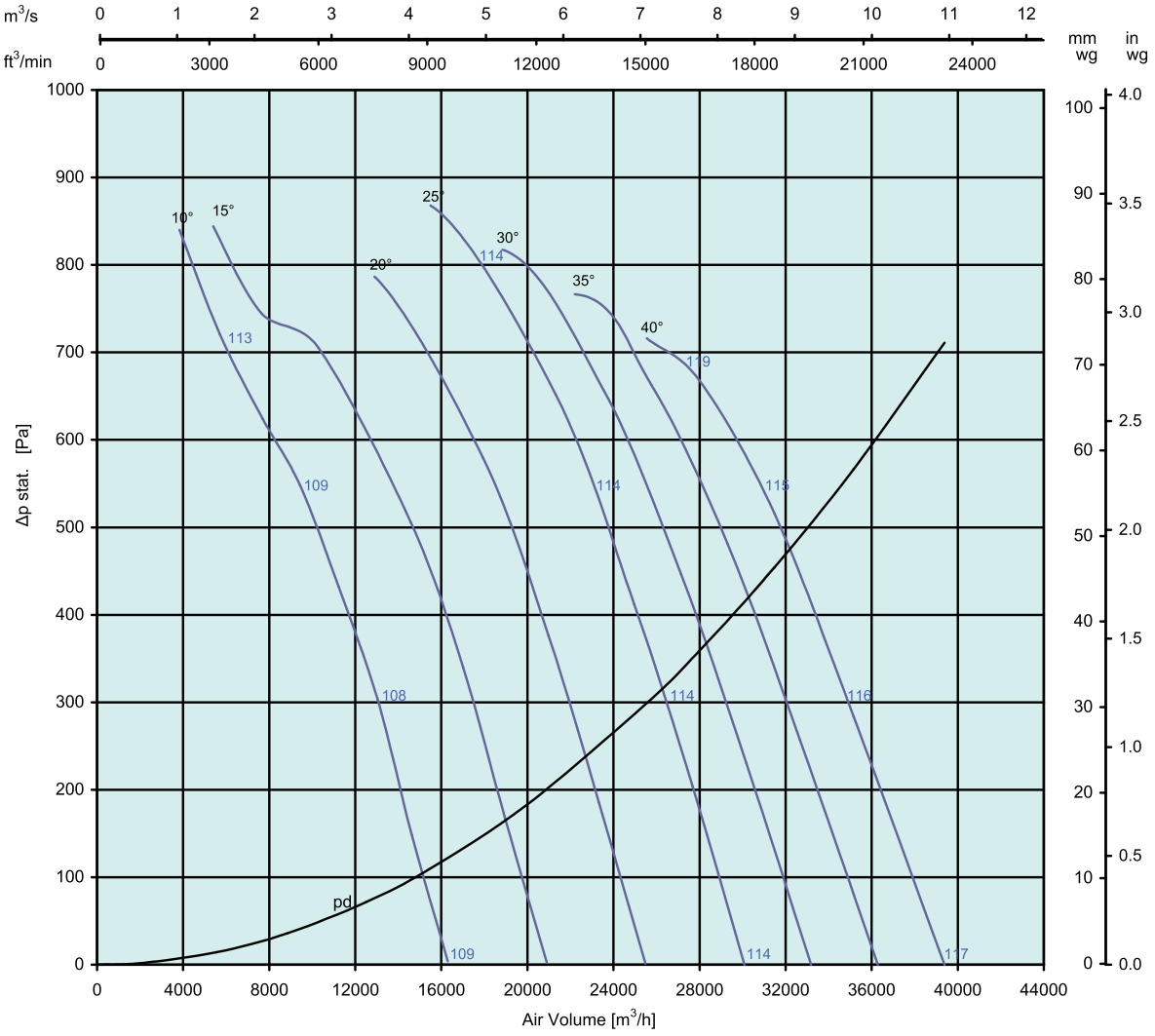
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<70	-7	-6	-5	-6	-9	-15	-21	-29
	<120	-4	-3	-6	-10	-14	-20	-26	-33
20°	<70	-7	-4	-6	-9	-12	-16	-21	-26
	<100	-7	-4	-5	-9	-13	-16	-21	-27
30°	<70	-6	-4	-6	-10	-13	-18	-23	-29
	<110	-6	-4	-6	-11	-15	-18	-23	-29
40°	<70	-5	-4	-6	-11	-15	-20	-25	-30
	<120	-5	-4	-6	-10	-14	-19	-24	-28

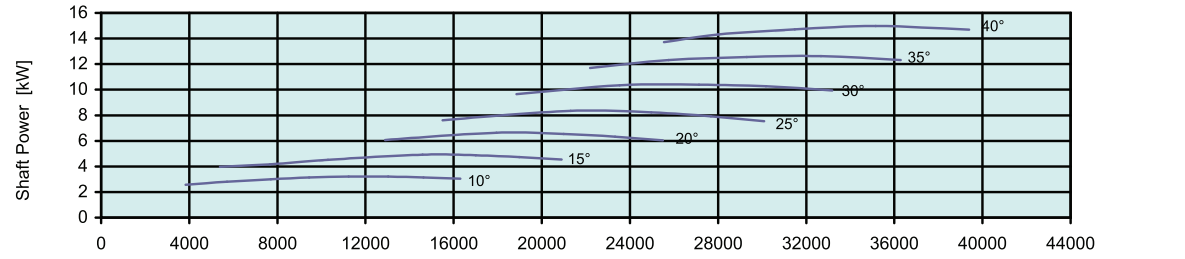
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 630-5-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

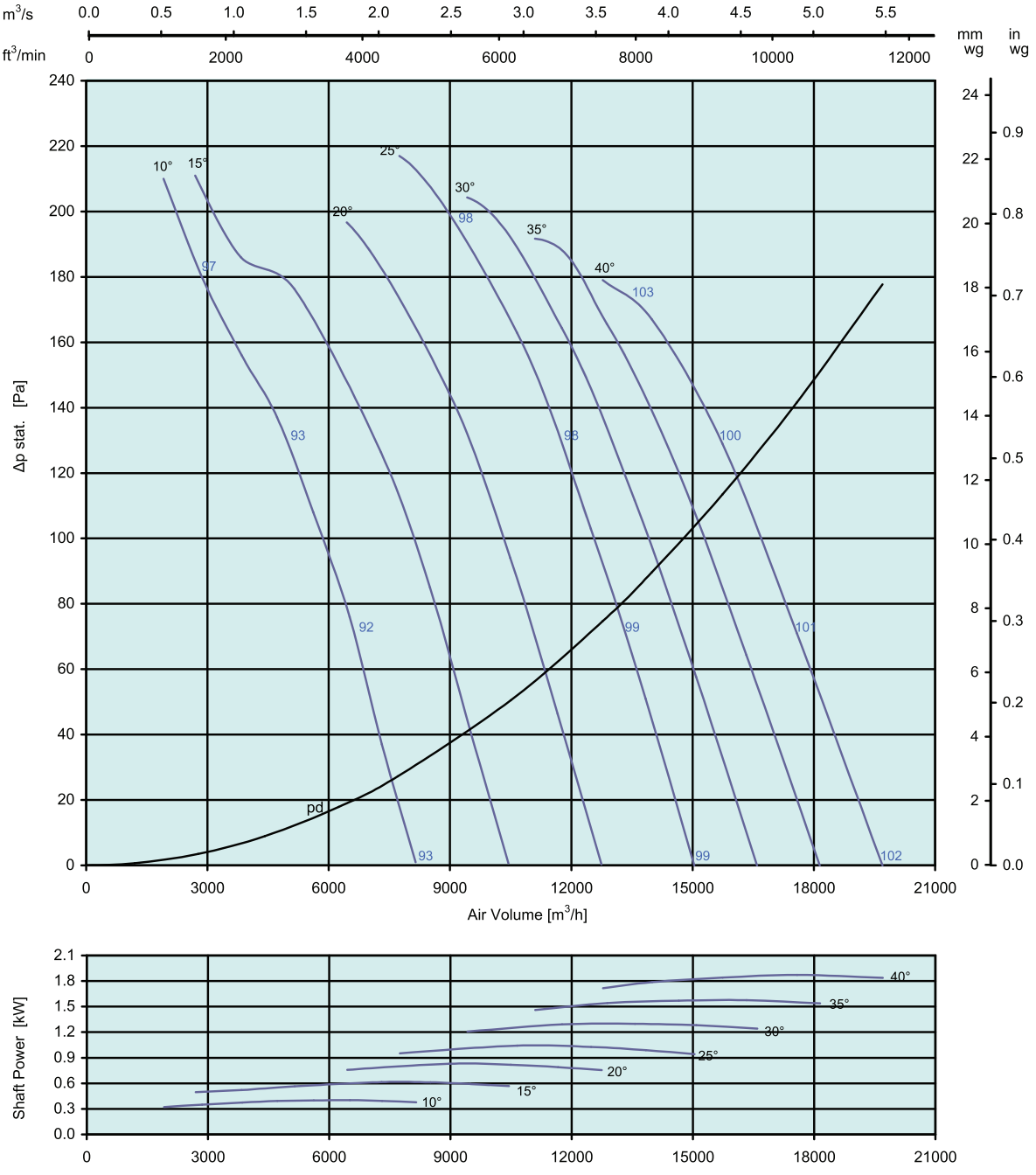
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-9	-6	-6	-12	-10	-11	-13	-19
	<700	-9	-6	-3	-8	-7	-10	-14	-21
25°	<400	-10	-7	-2	-13	-14	-18	-21	-26
	<800	-11	-8	-2	-14	-10	-15	-20	-24
40°	<400	-10	-7	-2	-12	-14	-18	-22	-27
	<680	-9	-6	-2	-13	-14	-18	-22	-26

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 630-5-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm



SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

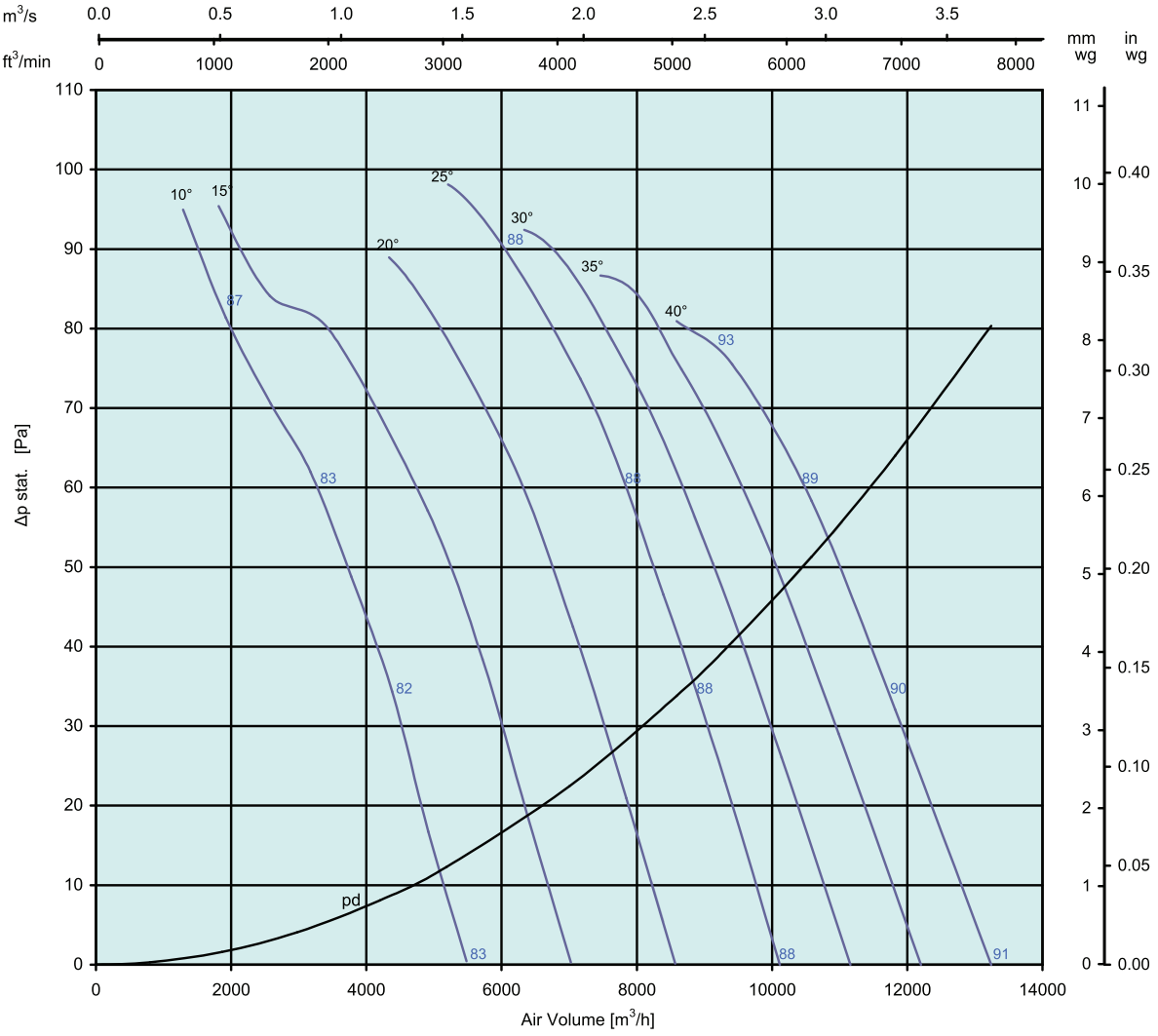
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<120	-5	-3	-11	-7	-9	-12	-18	-26
	<200	-5	-2	-8	-6	-9	-14	-20	-28
25°	<120	-7	-1	-13	-14	-18	-21	-26	-31
	<200	-7	-1	-13	-9	-13	-18	-23	-29
40°	<120	-7	-2	-12	-14	-18	-22	-26	-31
	<170	-5	-2	-13	-14	-18	-21	-26	-31

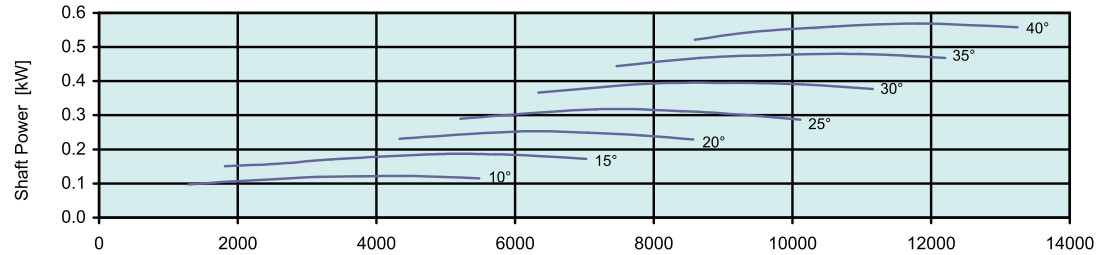
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 630-5-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

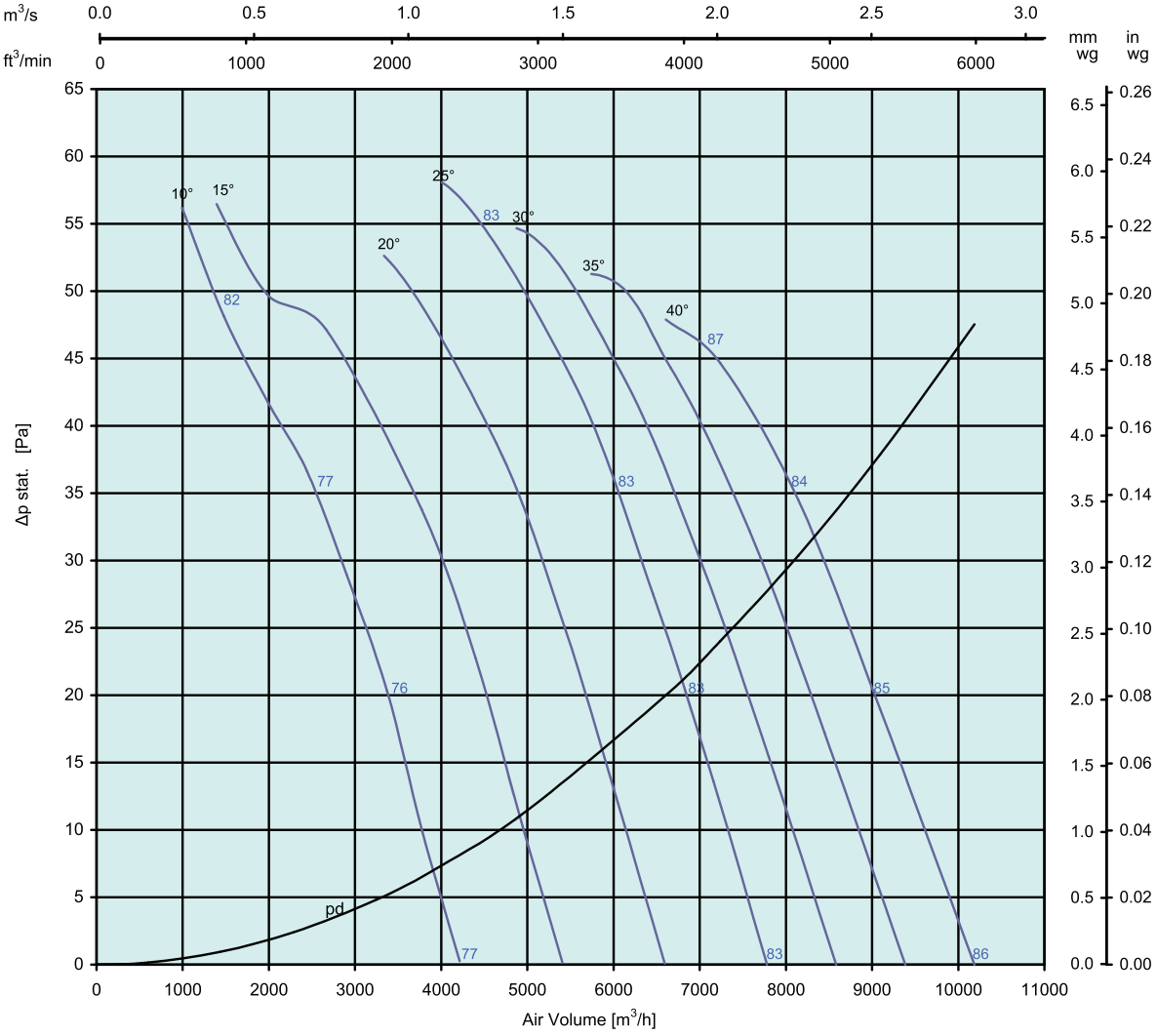
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-3	-7	-9	-9	-10	-15	-21	-29
	<80	-3	-4	-7	-7	-11	-16	-23	-31
25°	<50	-2	-6	-12	-14	-18	-22	-27	-32
	<90	-1	-7	-9	-10	-15	-20	-25	-31
40°	<50	-2	-6	-11	-14	-18	-23	-28	-33
	<75	-2	-6	-12	-14	-18	-23	-27	-32

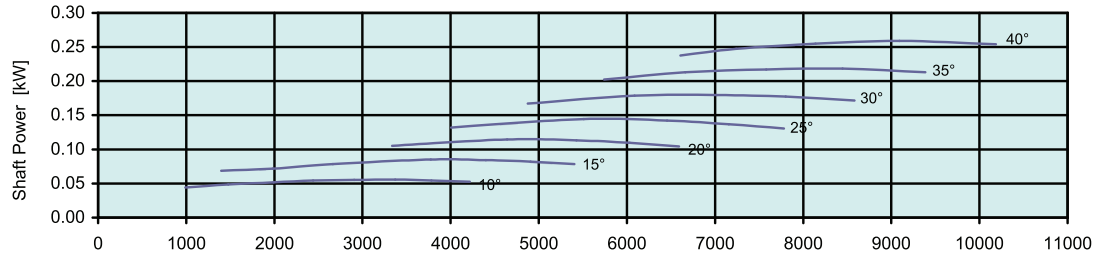
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 630-5-8, 50Hz 750 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

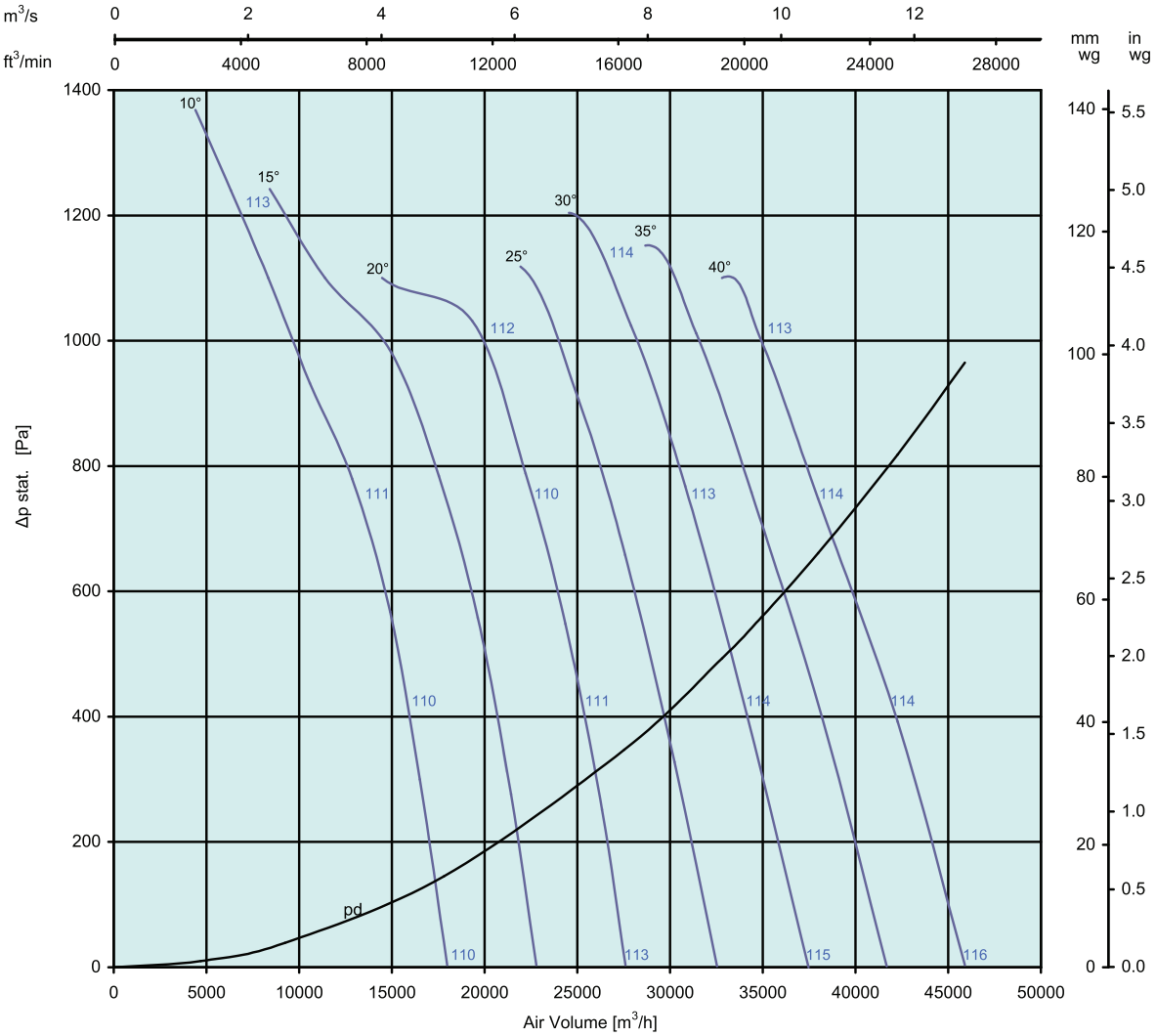
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<30	-2	-9	-6	-7	-10	-16	-24	-32
	<50	-1	-7	-5	-7	-11	-17	-27	-35
25°	<30	-1	-11	-13	-16	-20	-24	-30	-35
	<55	1	-12	-9	-12	-17	-22	-28	-34
40°	<30	-1	-10	-13	-16	-21	-24	-29	-35
	<45	-1	-11	-13	-16	-20	-24	-29	-34

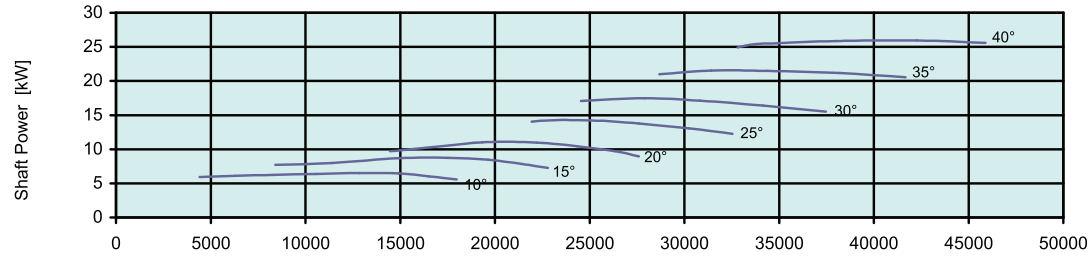
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 630-10-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<500	-8	-5	-11	-9	-9	-8	-10	-15
	<1240	-9	-6	-9	-5	-4	-9	-14	-21
20°	<500	-7	-4	-10	-7	-10	-13	-15	-19
	<1000	-8	-5	-11	-7	-6	-8	-12	-18
30°	<500	-8	-5	-10	-7	-10	-13	-17	-22
	<1170	-6	-3	-10	-7	-11	-14	-18	-22
40°	<500	-7	-4	-9	-7	-10	-13	-17	-23
	<1000	-7	-4	-9	-7	-10	-13	-18	-23

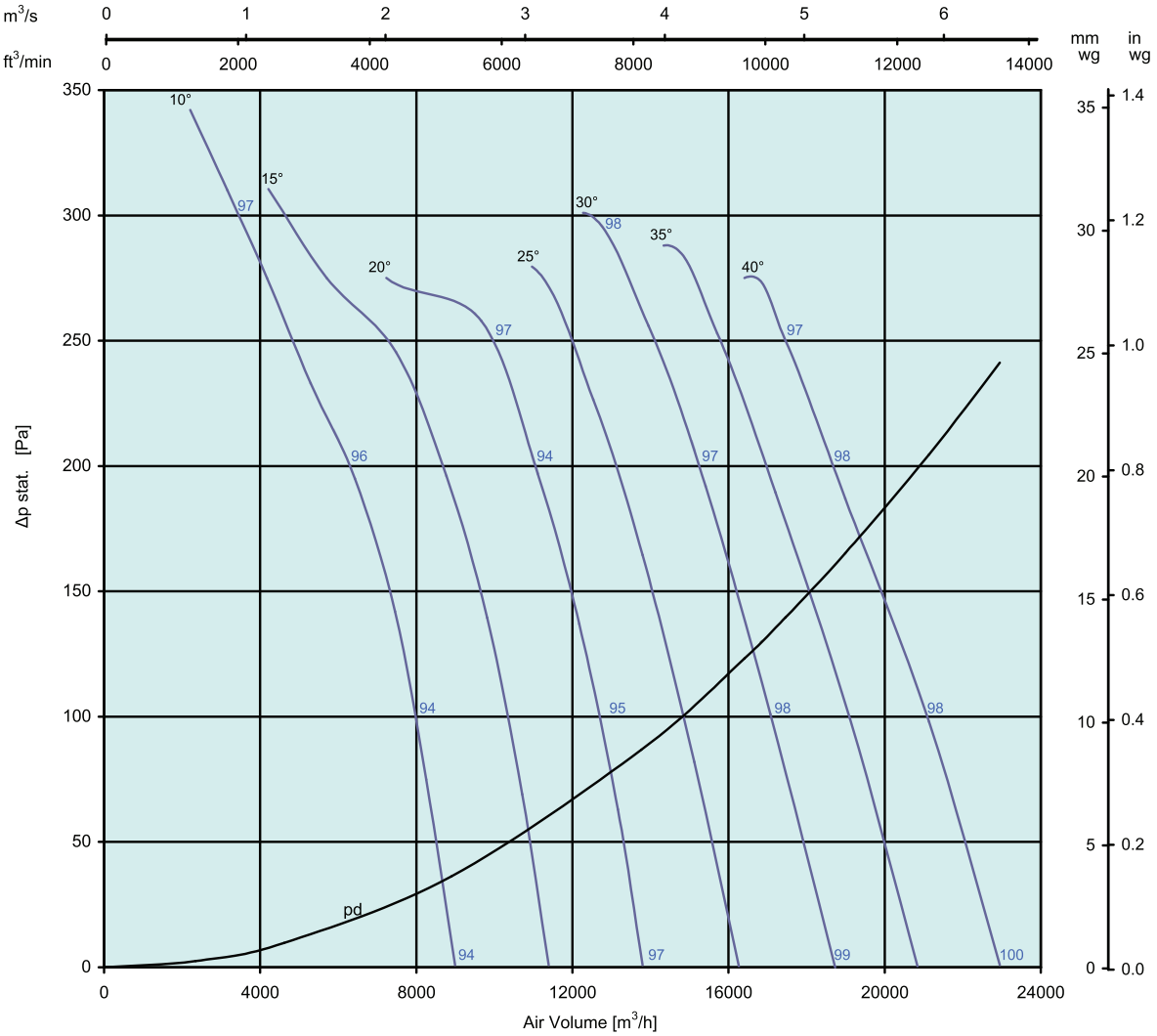
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

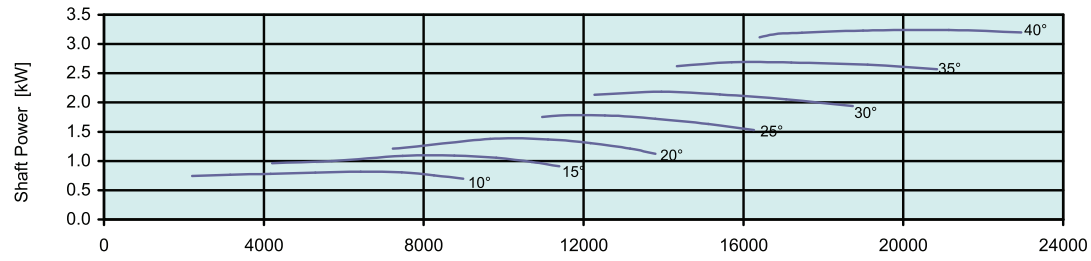
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 630-10-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

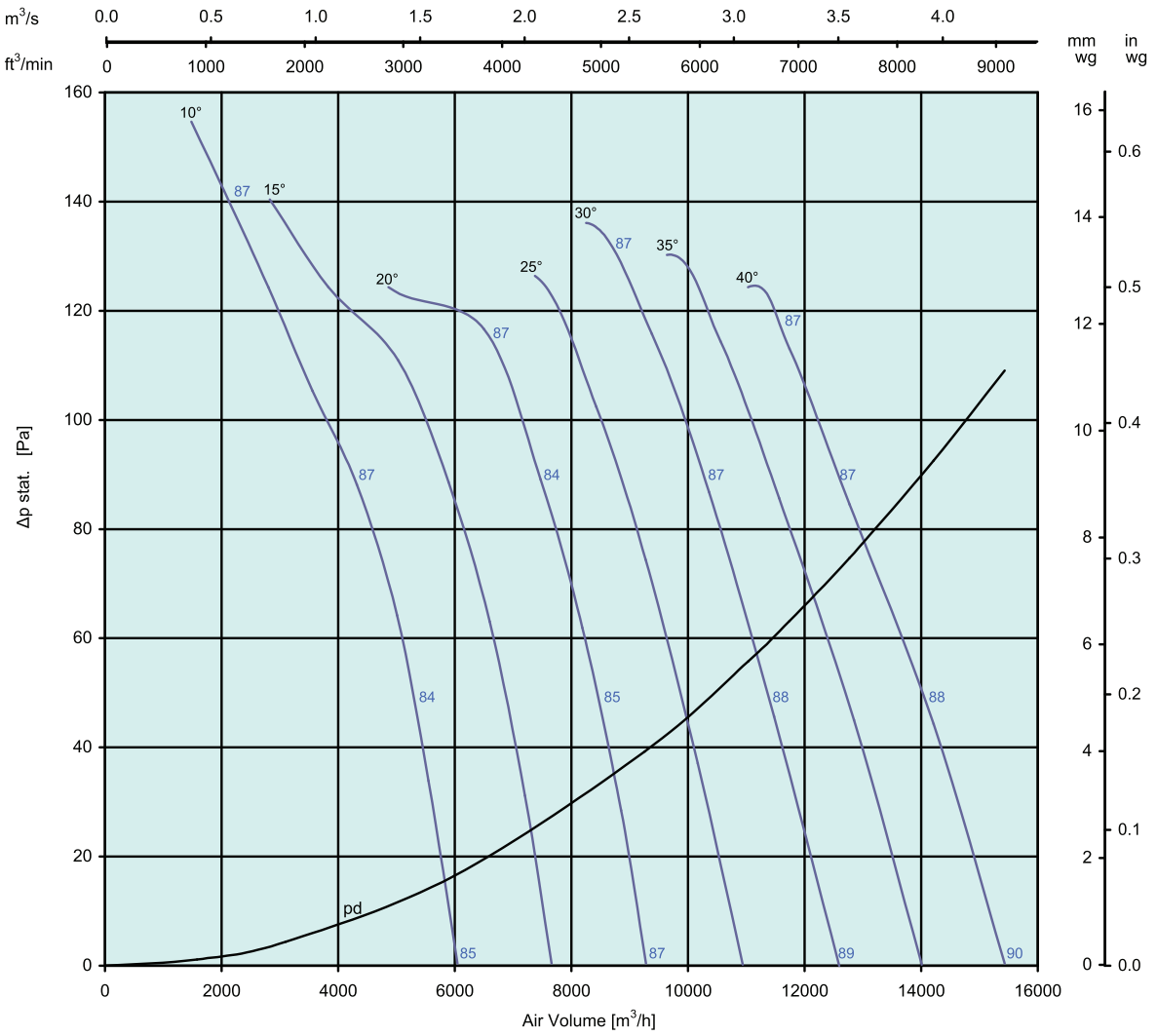
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<150	-4	-10	-8	-8	-7	-9	-14	-22
	<310	-5	-8	-4	-4	0	-14	-21	-29
20°	<150	-3	-9	-6	-9	-12	-14	-17	-24
	<250	-4	-10	-7	-6	-8	-12	-18	-24
30°	<150	-3	-9	-6	-9	-12	-16	-21	-26
	<300	-2	-9	-6	-10	-13	-17	-21	-26
40°	<150	-3	-8	-6	-9	-12	-16	-22	-27
	<260	-3	-8	-7	-9	-12	-17	-22	-25

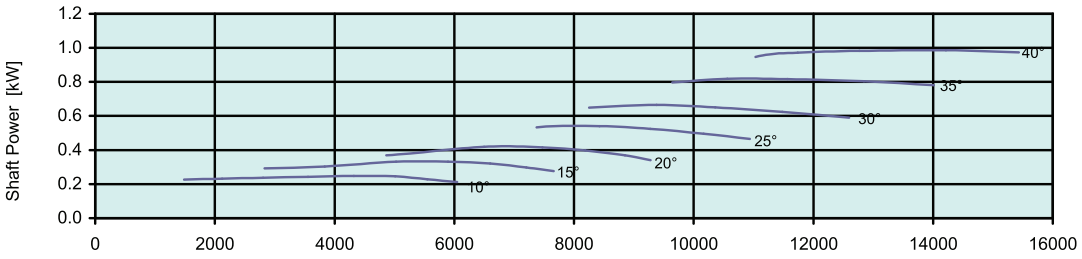
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 630-10-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

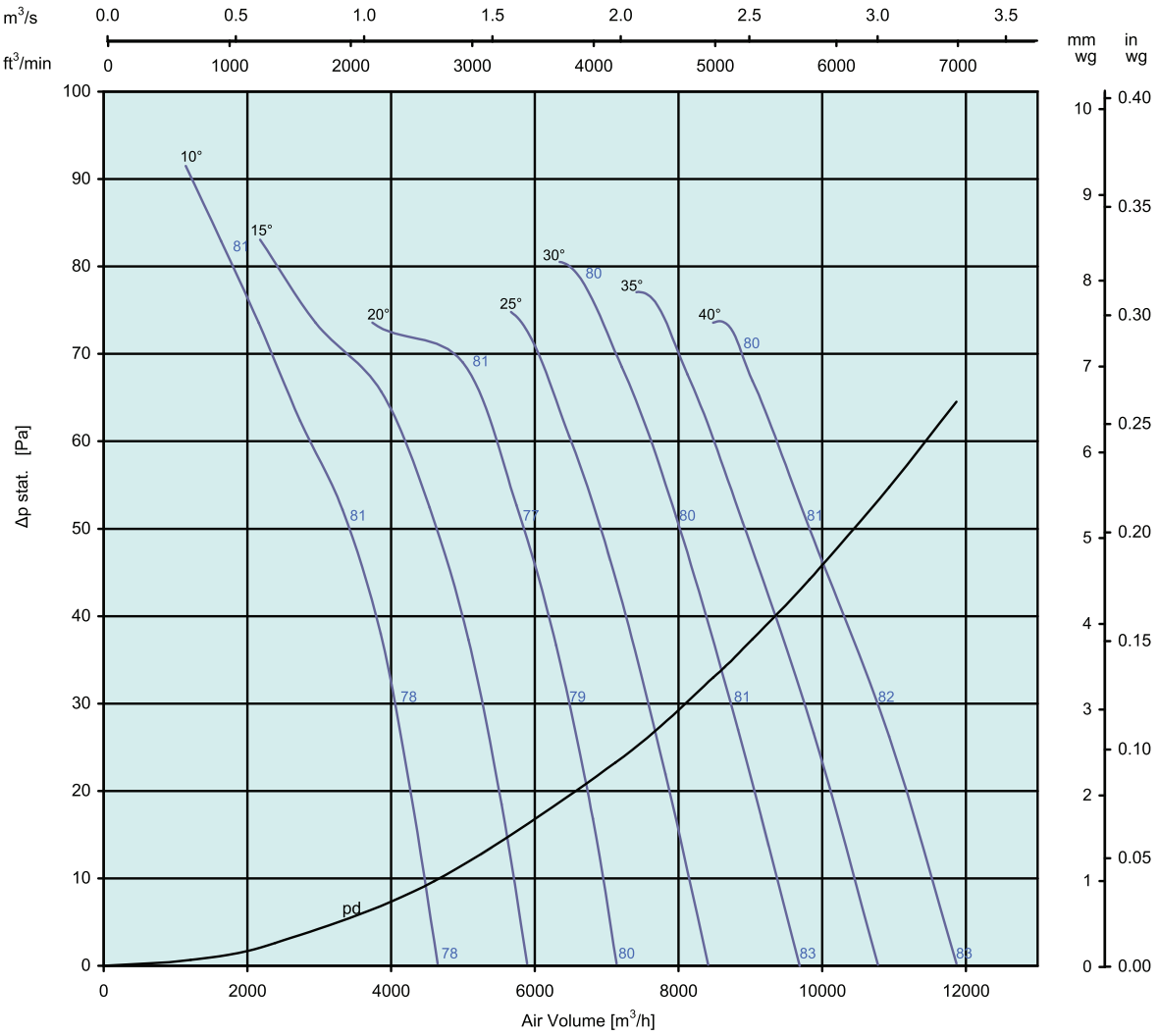
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<60	-7	-8	-7	-6	-7	-10	-18	-26
	<140	-6	-4	-5	-5	-11	-17	-24	-31
20°	<80	-5	-6	-6	-9	-11	-14	-19	-26
	<120	-9	-8	-5	-6	-9	-14	-21	-29
30°	<80	-5	-5	-6	-9	-13	-17	-22	-27
	<130	-5	-6	-7	-9	-13	-17	-21	-26
40°	<60	-4	-6	-6	-9	-13	-18	-24	-29
	<120	-5	-6	-7	-9	-13	-18	-22	-25

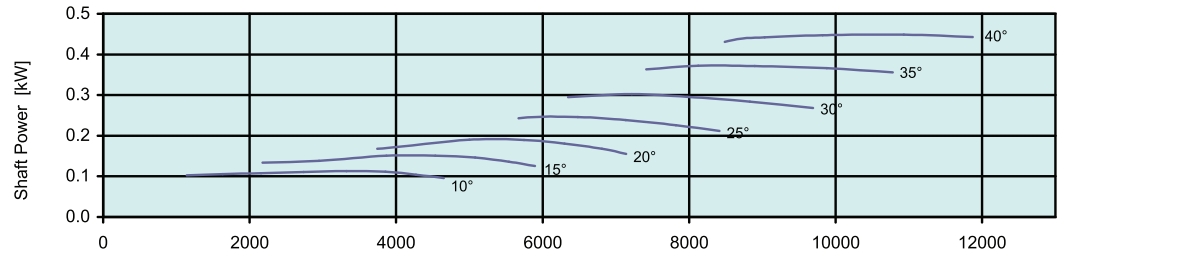
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 630-10-8, 50Hz 750 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

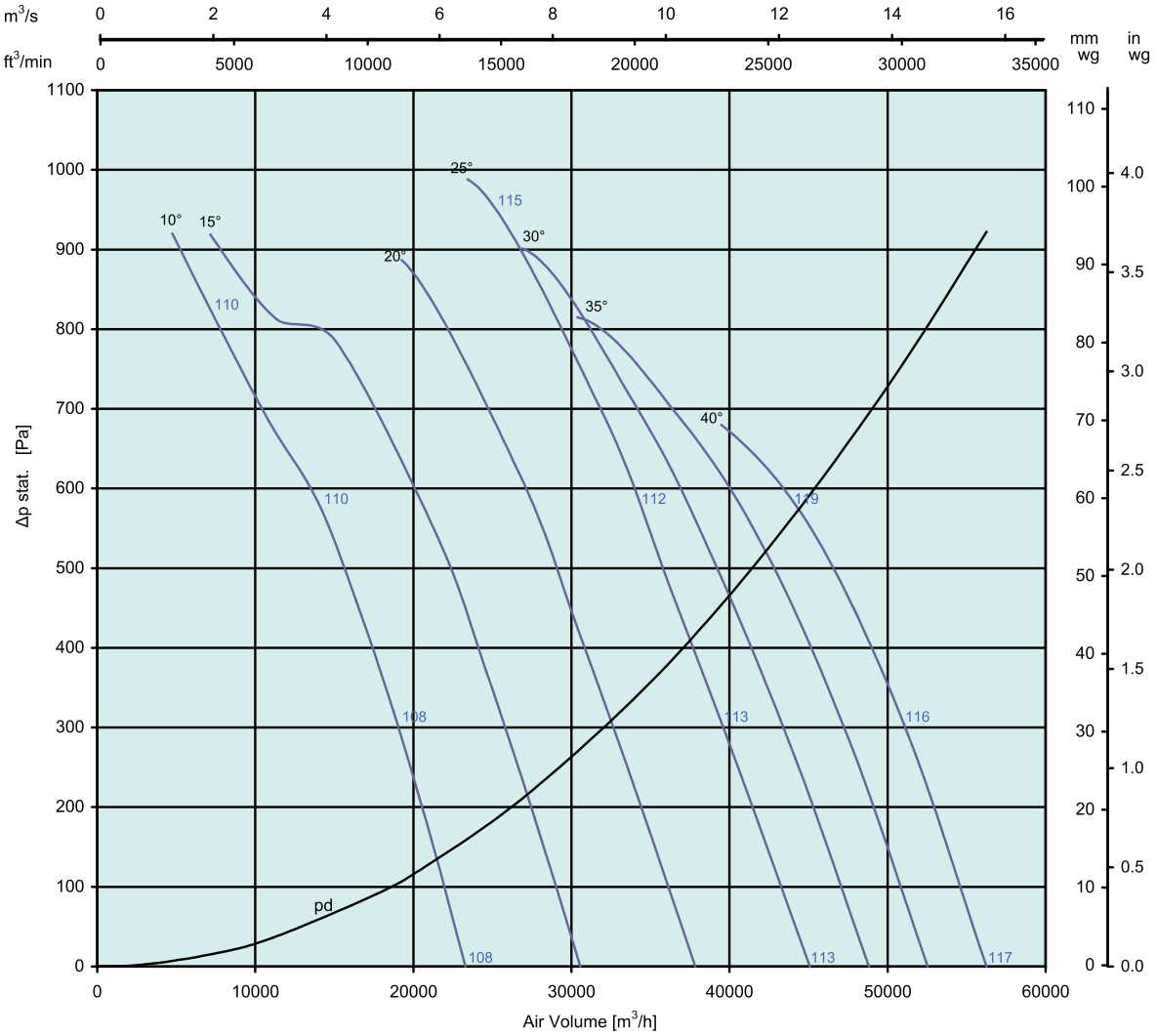
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<40	-8	-7	-7	-5	-7	-12	-20	-28
	<80	-7	-3	-3	-7	-13	-19	-27	-33
20°	<40	-7	-4	-6	-9	-11	-14	-22	-28
	<70	-7	-5	-5	-7	-11	-14	-21	-28
30°	<50	-6	-4	-7	-10	-14	-18	-23	-28
	<80	-6	-6	-6	-9	-13	-17	-22	-27
40°	<40	-6	-4	-7	-9	-14	-20	-25	-30
	<70	-6	-4	-7	-9	-14	-19	-22	-25

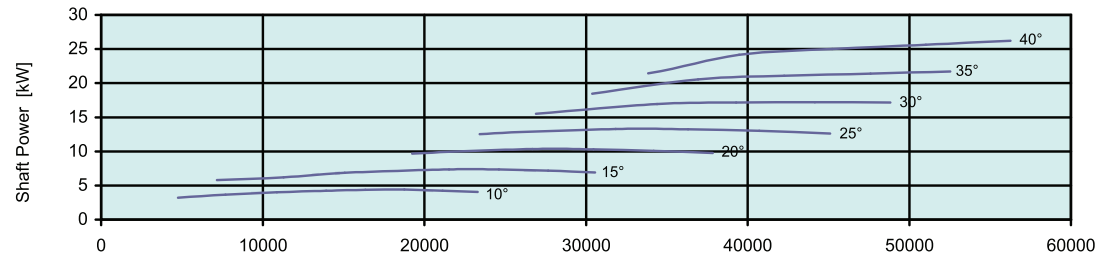
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 710-5-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

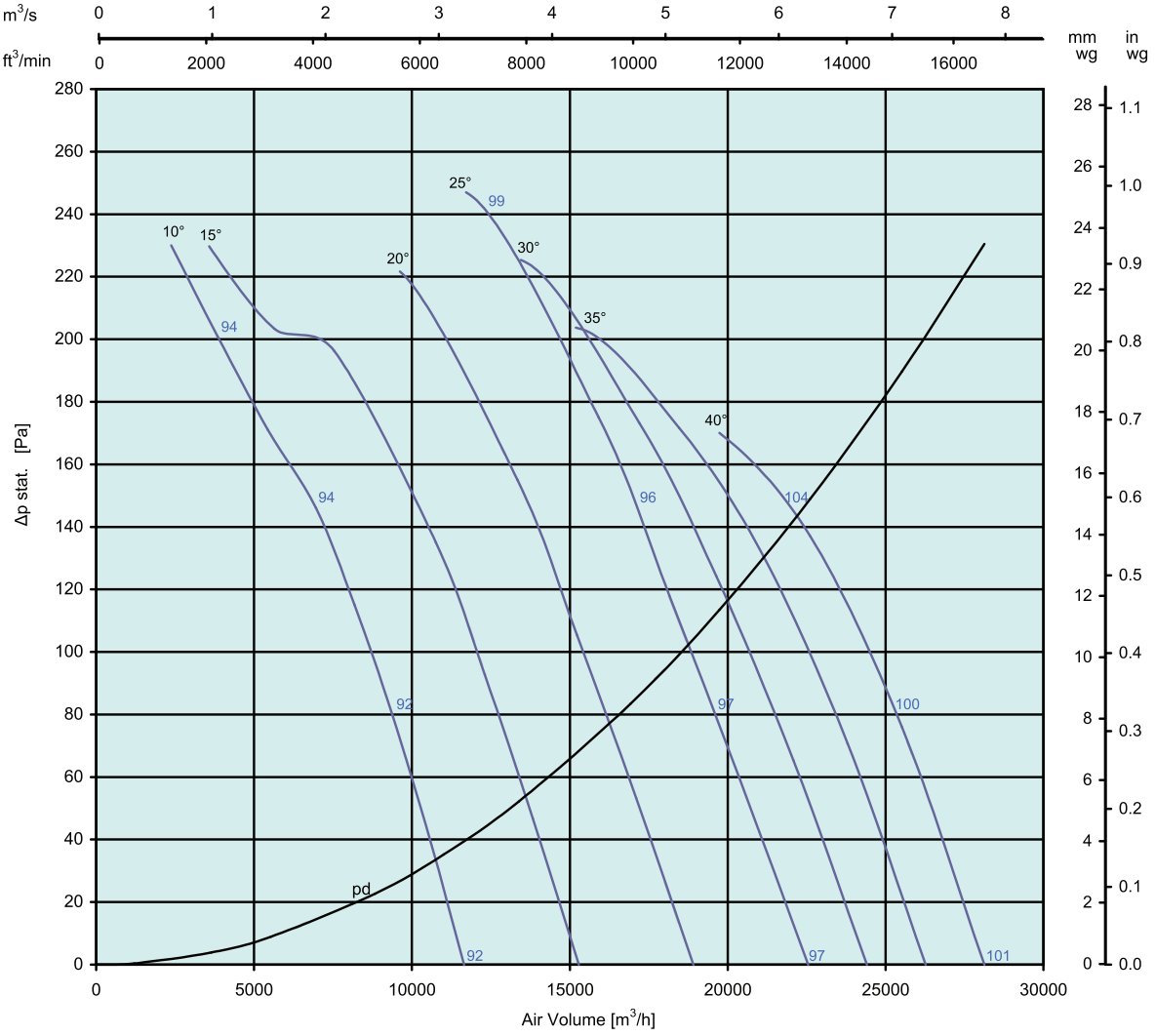
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-8	-5	-9	-11	-8	-8	-10	-13
	<800	-10	-7	-11	-11	-5	-7	-11	-16
25°	<400	-7	-4	-7	-10	-11	-14	-18	-23
	<950	-7	-4	-6	-8	-6	-10	-15	-22
40°	<400	-7	-4	-6	-9	-11	-13	-16	-21
	<600	-7	-4	-6	-11	-12	-14	-17	-22

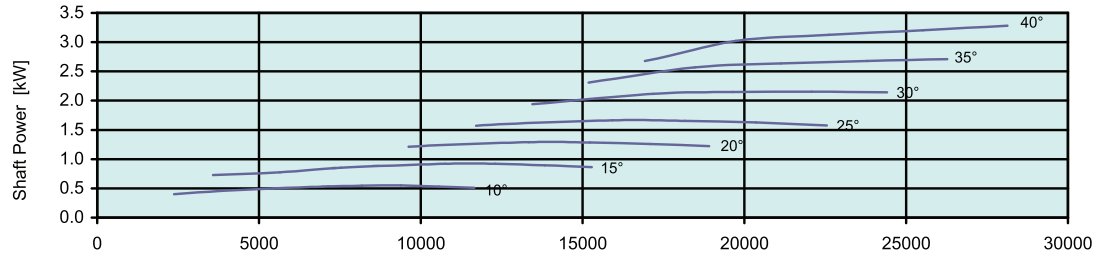
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 710-5-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

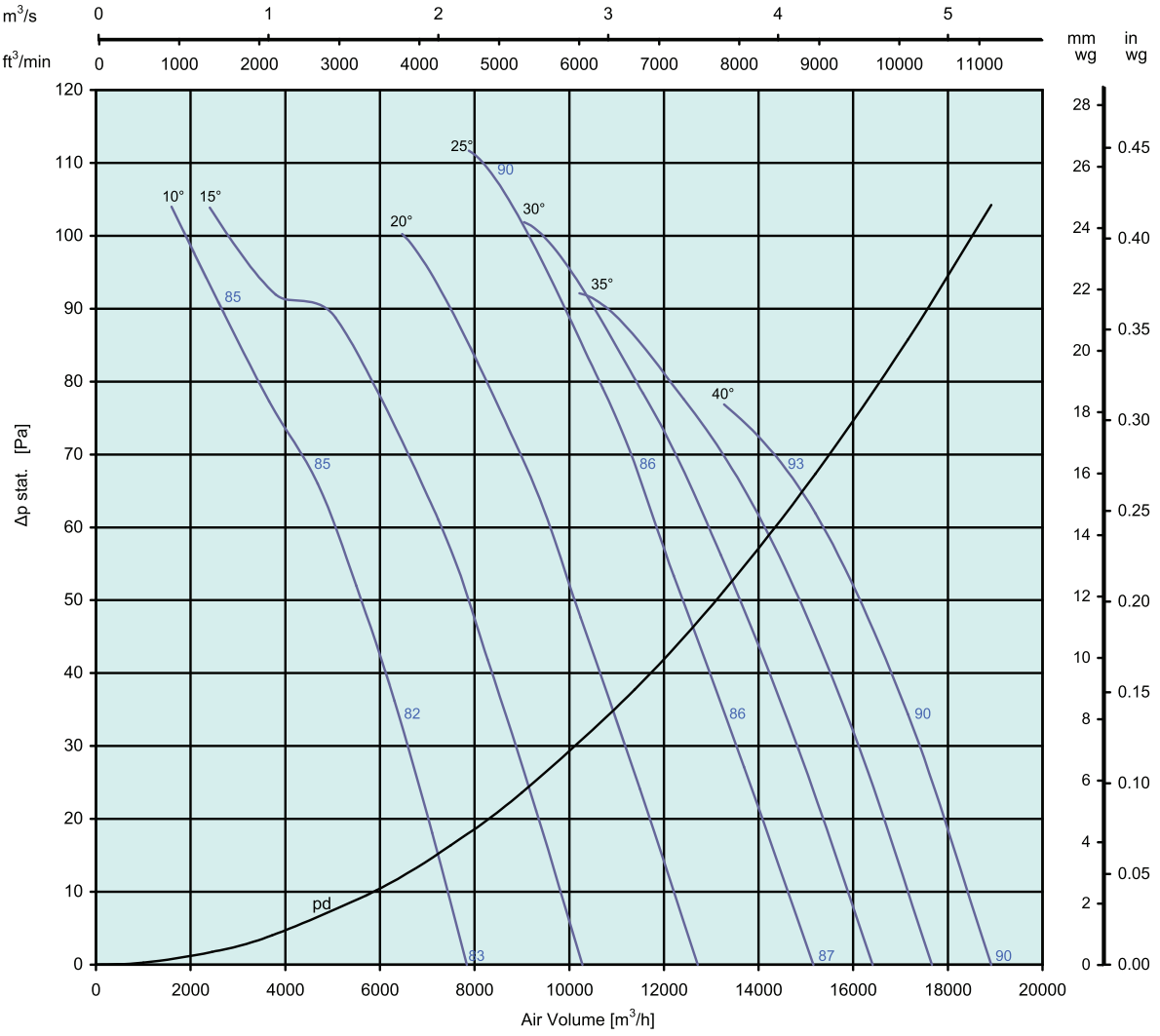
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<100	-4	-8	-10	-7	-7	-9	-12	-21
	<200	-6	-11	-10	-4	-6	-10	-15	-24
25°	<100	-3	-5	-9	-10	-13	-17	-22	-26
	<240	-3	-5	-7	-5	-9	-14	-21	-26
40°	<100	-4	-5	-9	-10	-13	-15	-21	-26
	<160	-3	-5	-11	-11	-14	-16	-21	-26

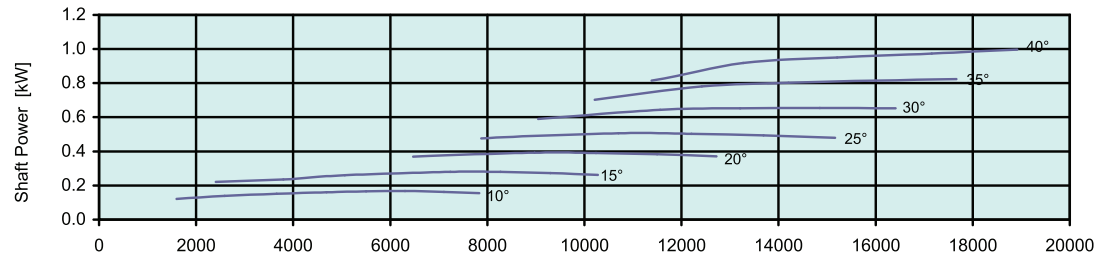
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 710-5-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

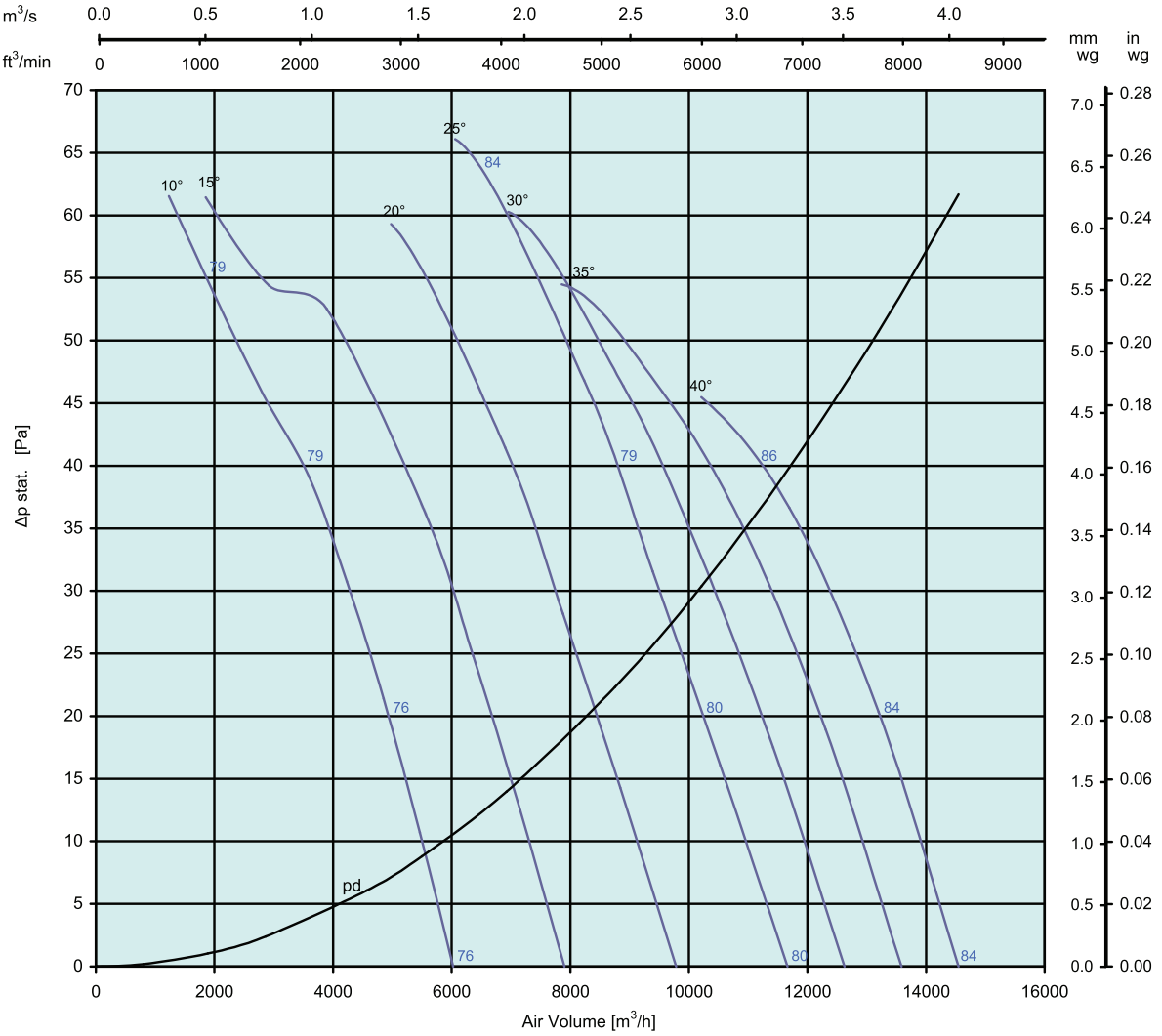
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-6	-8	-7	-5	-7	-10	-16	-25
	<90	-8	-10	-7	-5	-8	-12	-20	-29
25°	<50	-3	-6	-8	-10	-14	-18	-23	-27
	<110	-3	-6	-5	-7	-11	-18	-22	-26
40°	<50	-3	-6	-8	-10	-13	-17	-22	-27
	<70	-3	-7	-9	-11	-13	-17	-22	-27

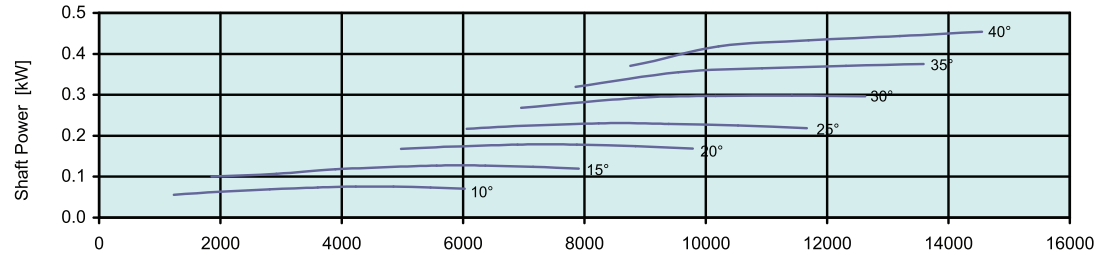
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 710-5-8, 50Hz 750 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

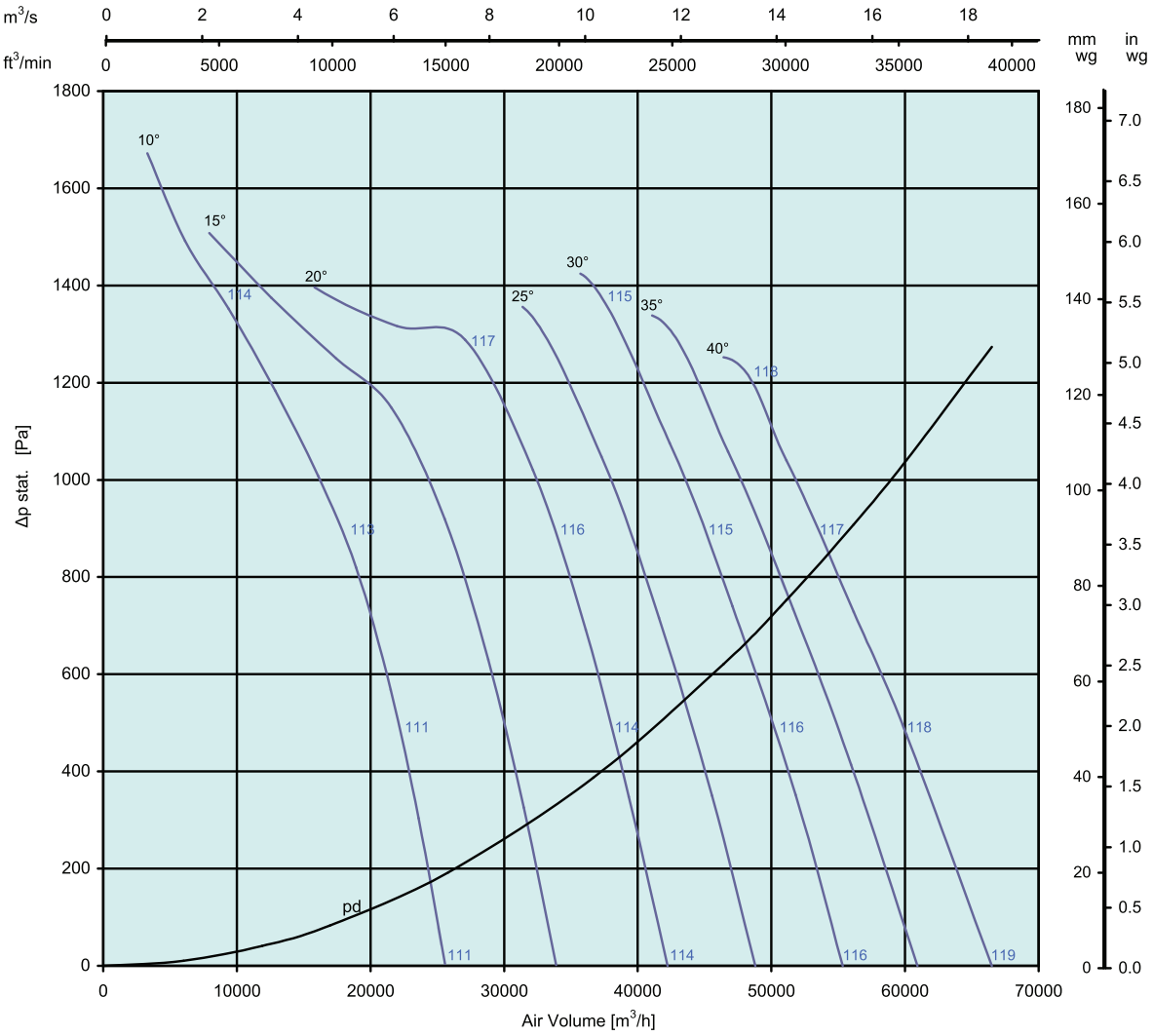
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<30	-7	-9	-6	-6	-7	-11	-19	-28
	<50	-10	-10	-6	-5	-9	-14	-23	-32
25°	<30	-3	-6	-7	-10	-14	-19	-24	-28
	<65	-3	-6	-4	-8	-13	-19	-23	-27
40°	<30	-3	-6	-7	-10	-13	-18	-23	-28
	<40	-3	-7	-8	-11	-13	-18	-23	-28

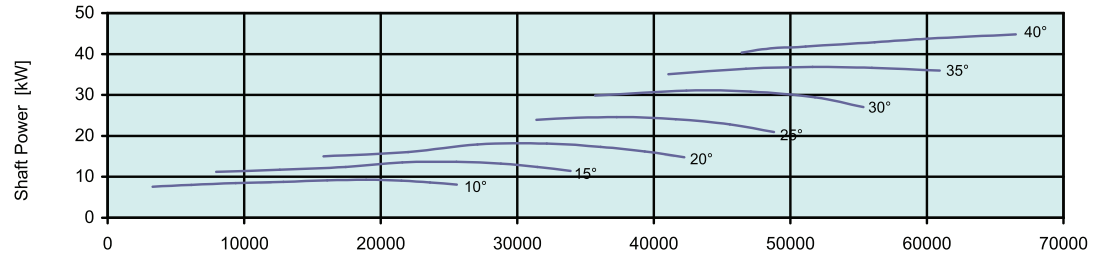
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 710-10-2, 50Hz 2900 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

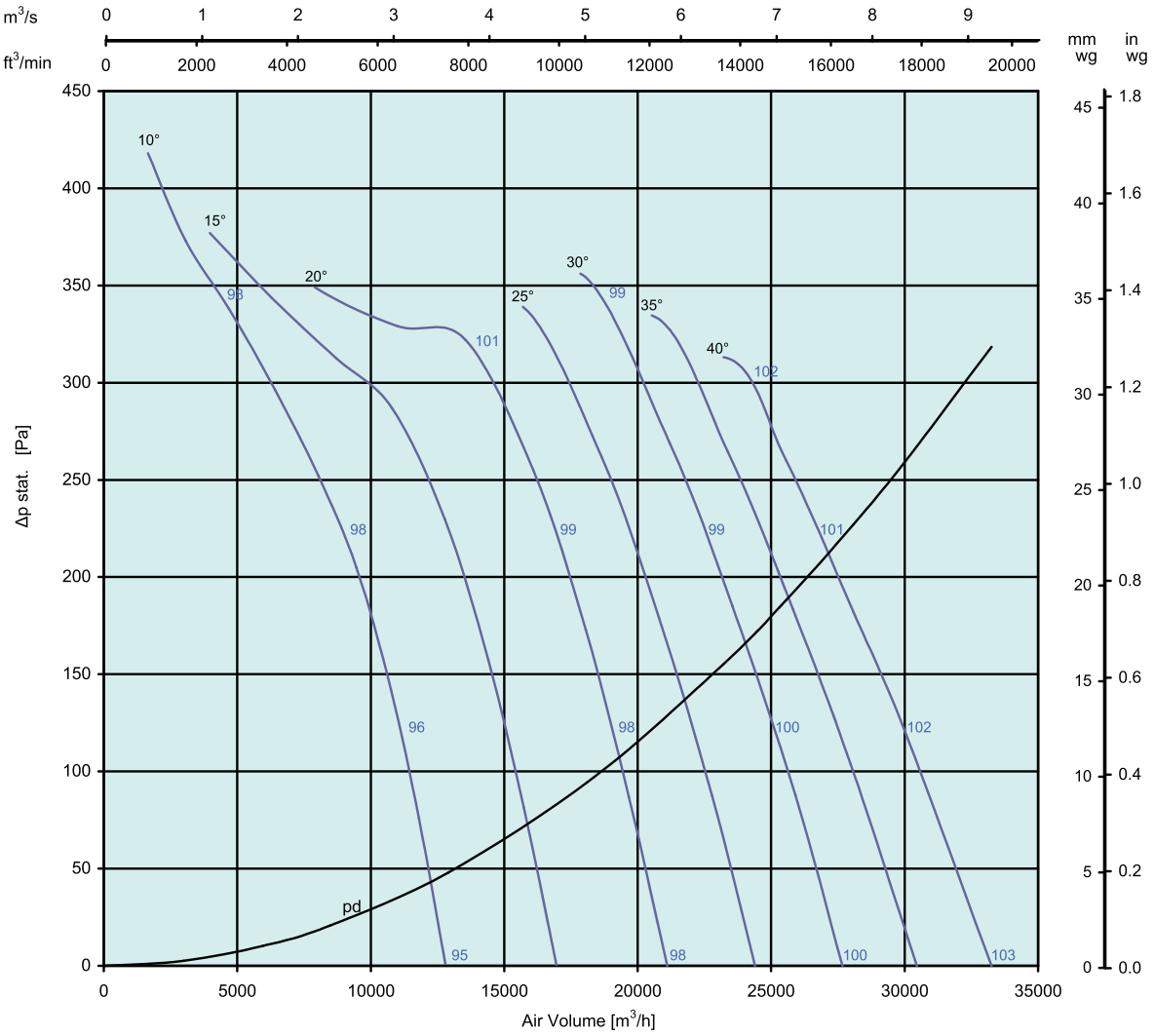
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<800	-11	-8	-13	-8	-7	-6	-7	-12
	<1350	-8	-5	-10	-7	-3	-7	-10	-16
20°	<800	-7	-4	-13	-6	-10	-12	-15	-18
	<1250	-6	-3	-16	-6	-7	-10	-14	-20
30°	<800	-8	-5	-12	-4	-10	-13	-15	-19
	<1350	-8	-5	-14	-4	-11	-12	-15	-19
40°	<800	-7	-4	-13	-7	-11	-13	-16	-22
	<1250	-7	-4	-14	-6	-11	-13	-16	-21

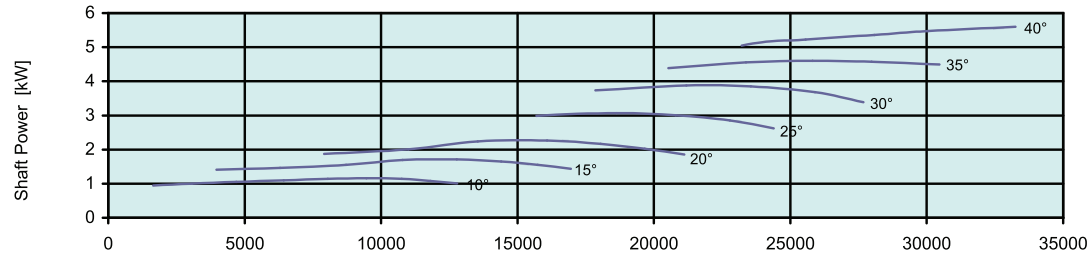
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 710-10-4, 50Hz 1450 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

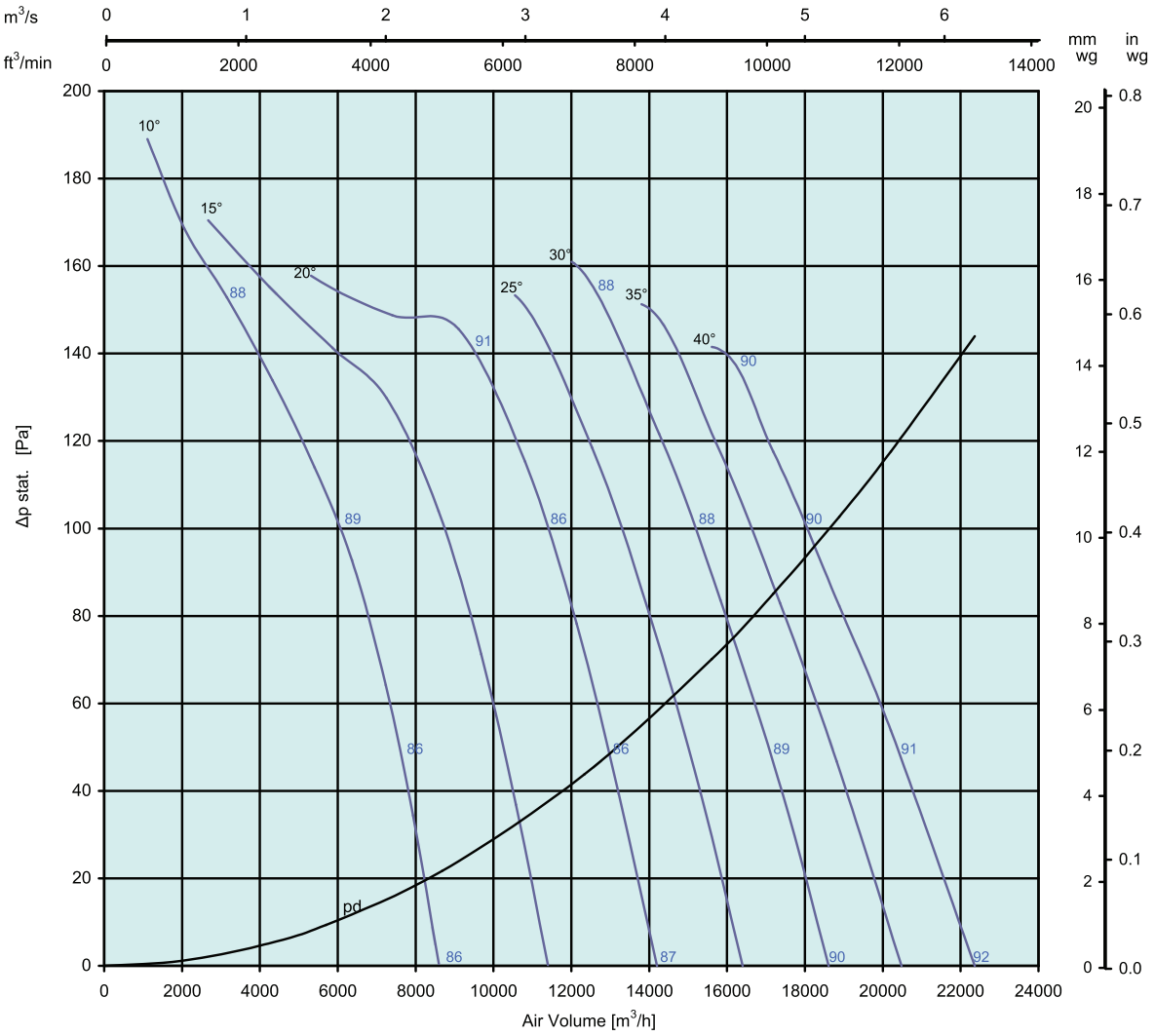
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<200	-7	-12	-8	-7	-6	-7	-12	-20
	<350	-4	-9	-6	-3	-7	-10	-16	-25
20°	<200	-3	-12	-5	-9	-11	-14	-17	-22
	<320	-2	-16	-5	-6	-9	-13	-19	-25
30°	<200	-4	-11	-4	-9	-12	-15	-19	-25
	<350	-5	-13	-4	-10	-12	-14	-19	-23
40°	<200	-3	-12	-5	-10	-12	-15	-20	-25
	<300	-3	-13	-5	-10	-12	-15	-20	-25

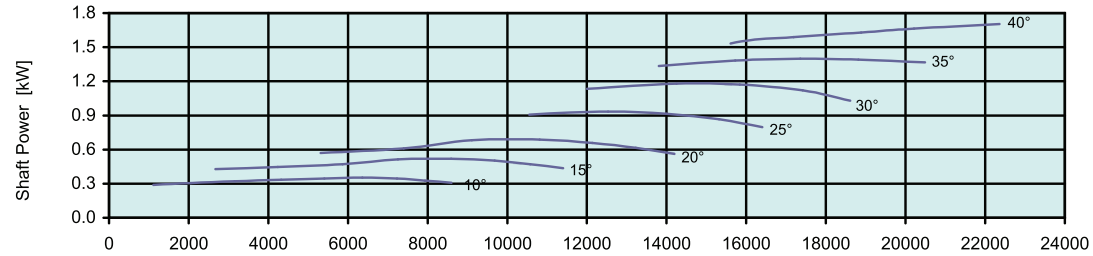
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 710-10-6, 50Hz 975 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<90	-10	-9	-6	-6	-5	-9	-16	-24
	<150	-6	-6	-4	-5	-7	-12	-20	-29
20°	<90	-6	-6	-5	-8	-11	-14	-18	-23
	<140	-6	-6	-4	-6	-10	-15	-19	-24
30°	<90	-6	-5	-5	-9	-12	-15	-20	-25
	<150	-7	-5	-5	-9	-11	-15	-19	-23
40°	<90	-6	-6	-6	-8	-11	-16	-21	-26
	<140	-6	-6	-6	-8	-11	-16	-21	-26

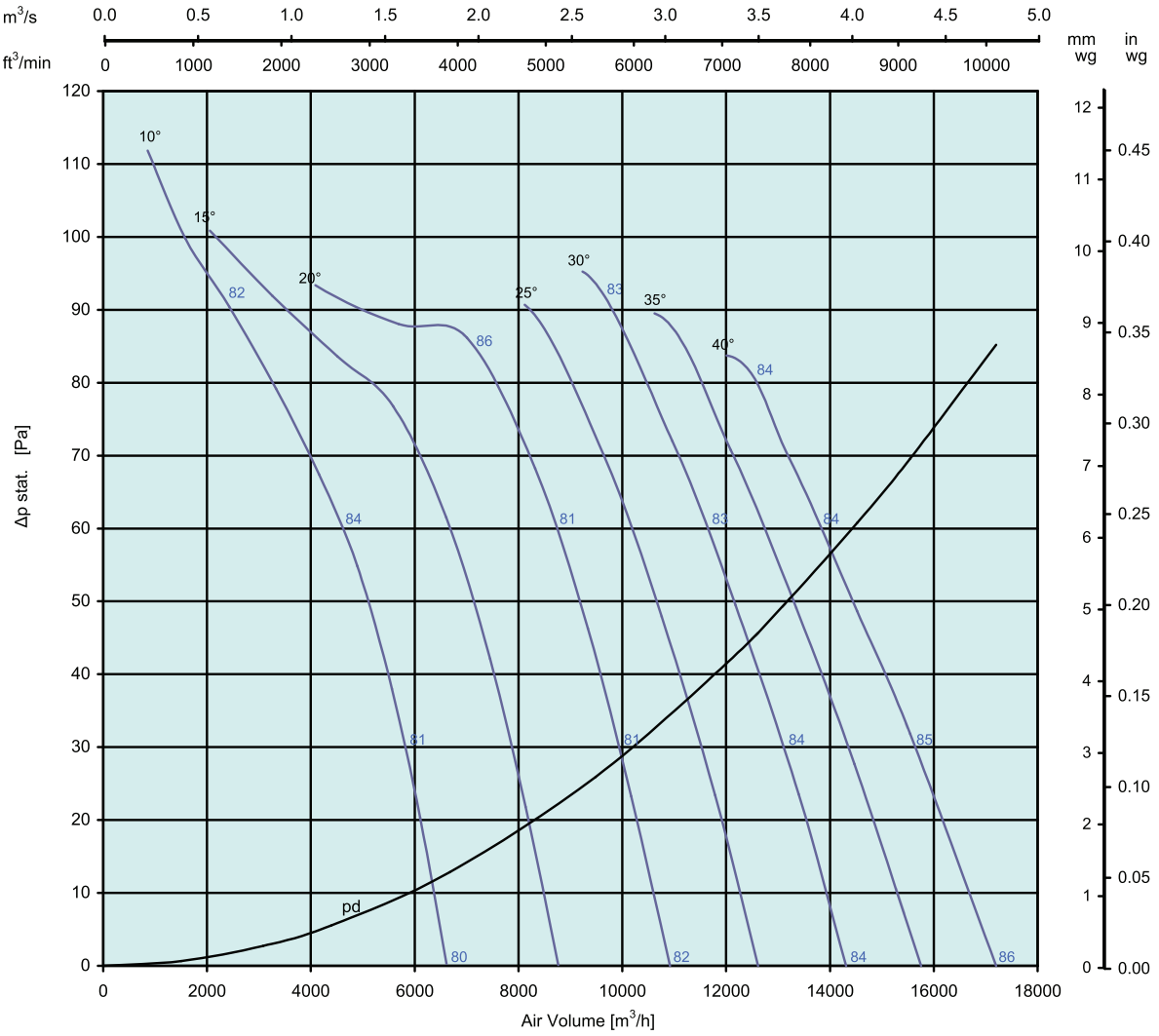
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

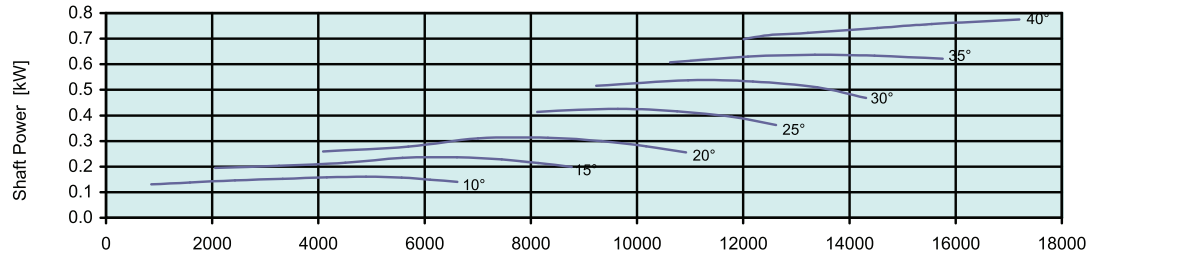
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 710-10-8, 50Hz 750 rpm

Axial Fan
Hub : 150mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

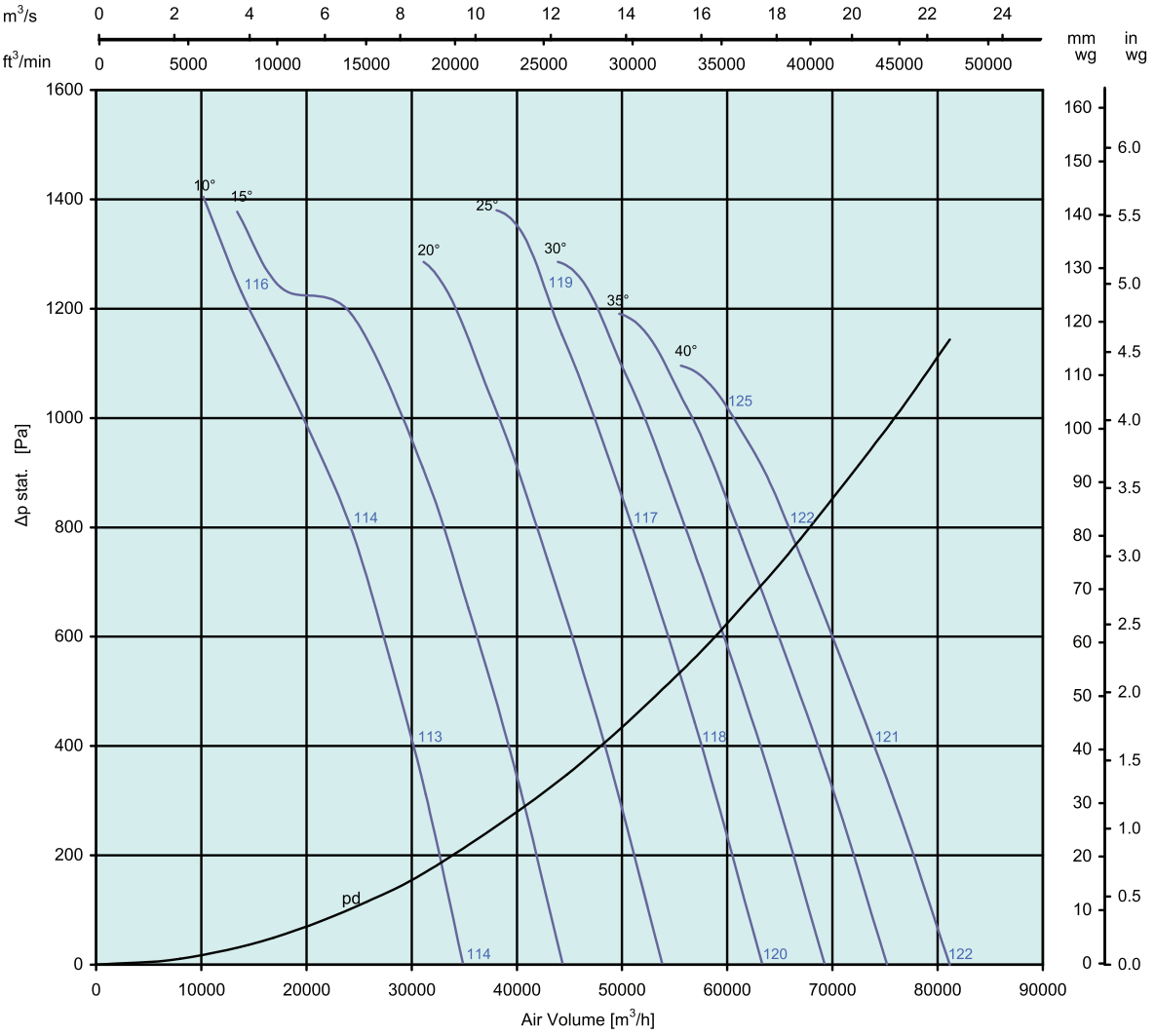
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-11	-7	-6	-5	-6	-11	-19	-27
	<90	-7	-4	-3	-6	-9	-15	-24	-32
20°	<50	-10	-2	-7	-9	-12	-15	-20	-25
	<80	-12	-2	-5	-8	-12	-16	-21	-26
30°	<50	-9	-2	-7	-10	-13	-17	-23	-28
	<90	-11	-2	-8	-10	-12	-17	-21	-25
40°	<50	-8	-3	-7	-9	-12	-17	-23	-28
	<80	-10	-3	-7	-8	-12	-17	-22	-27

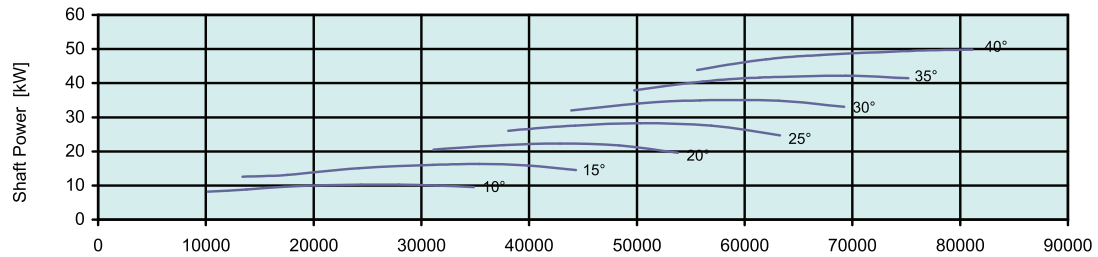
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 800-7-2, 50Hz 2900 rpm

Axial Fan
Hub : 250mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

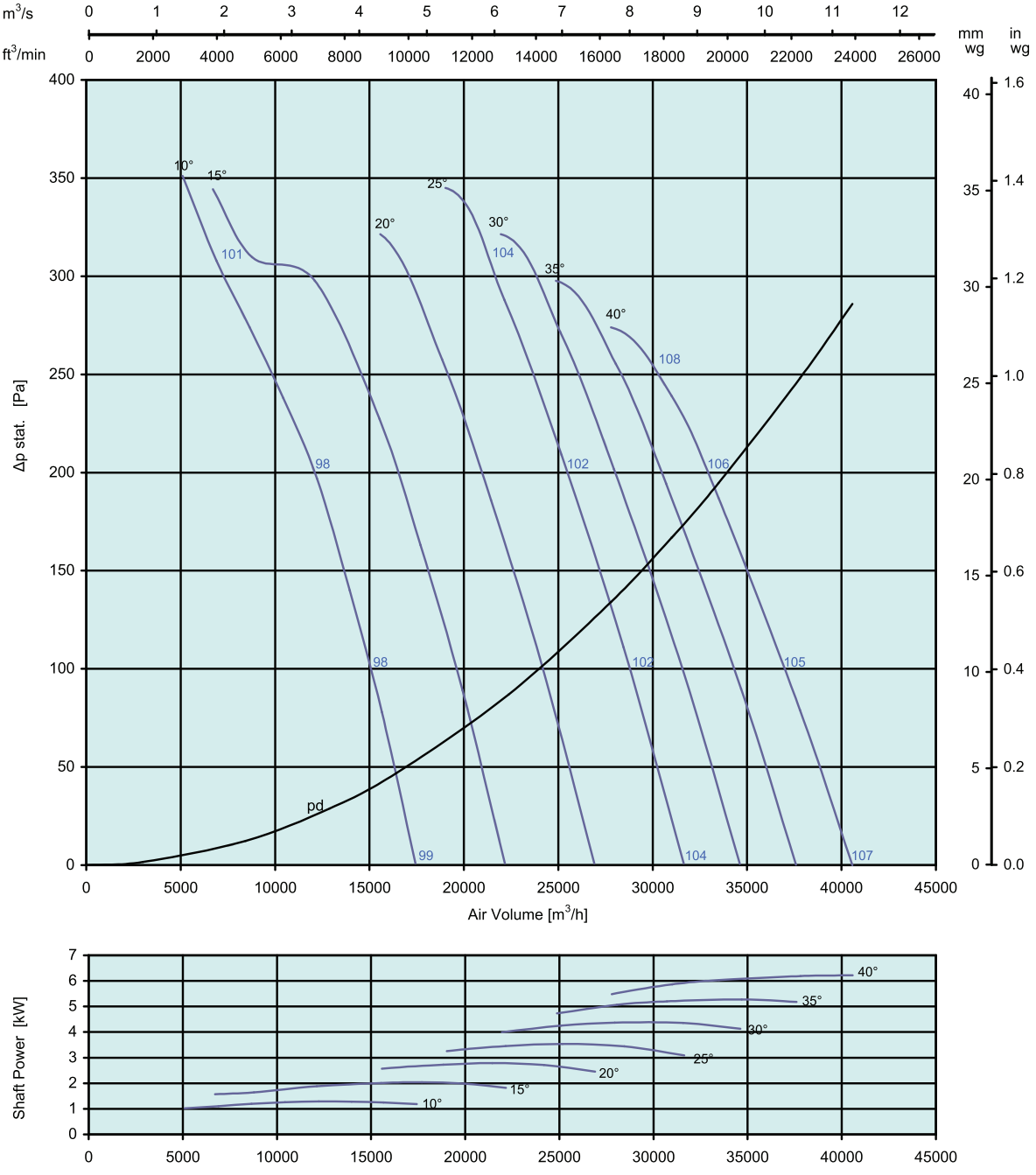
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<700	-8	-5	-7	-10	-6	-7	-8	-14
	<1200	-11	-8	-4	-6	-5	-6	-10	-17
25°	<700	-8	-5	-7	-8	-10	-11	-16	-22
	<1200	-9	-6	-8	-9	-6	-9	-14	-20
40°	<700	-7	-4	-7	-8	-11	-13	-17	-23
	<1000	-6	-3	-7	-9	-11	-13	-17	-23

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 800-7-4, 50Hz 1450 rpm

Axial Fan
Hub : 250mm



SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

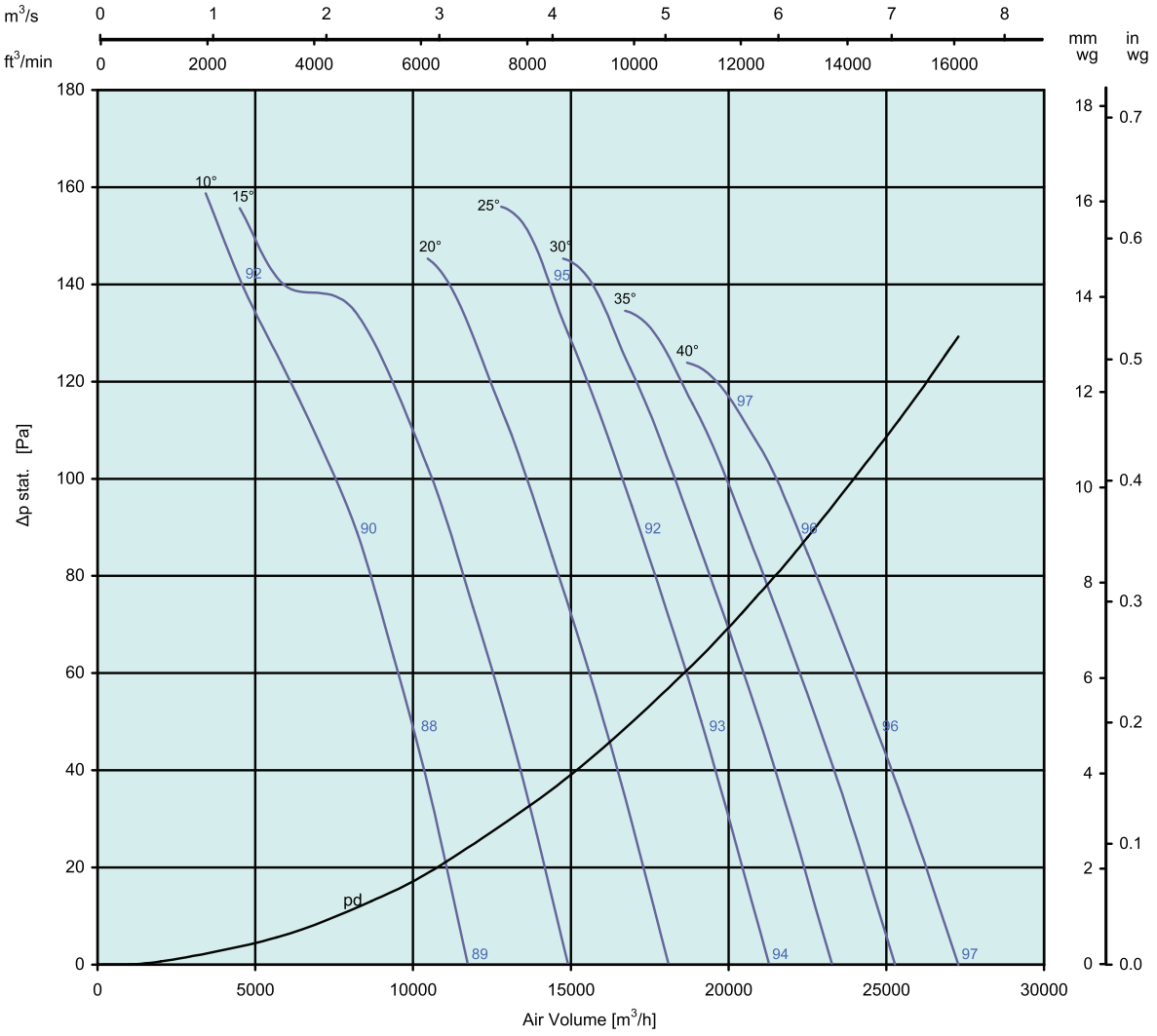
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<180	-5	-7	-10	-7	-7	-7	-14	-23
	<320	-8	-4	-6	-5	-6	-9	-15	-24
25°	<180	-4	-6	-7	-9	-11	-15	-21	-26
	<320	-5	-7	-8	-5	-8	-13	-19	-25
40°	<180	-4	-6	-7	-10	-12	-16	-22	-25
	<250	-2	-6	-8	-10	-12	-16	-22	-25

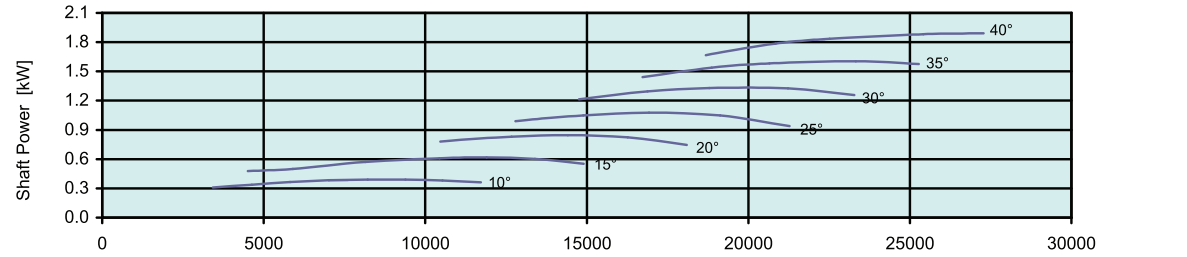
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 800-7-6, 50Hz 975 rpm

Axial Fan
Hub : 250mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<80	-5	-6	-8	-6	-7	-10	-17	-25
	<140	-6	-3	-6	-5	-8	-12	-20	-28
25°	<80	-4	-5	-8	-9	-13	-18	-23	-29
	<140	-5	-6	-6	-6	-10	-16	-22	-28
40°	<80	-4	-5	-8	-10	-14	-19	-23	-26
	<110	-4	-5	-8	-10	-13	-18	-23	-26

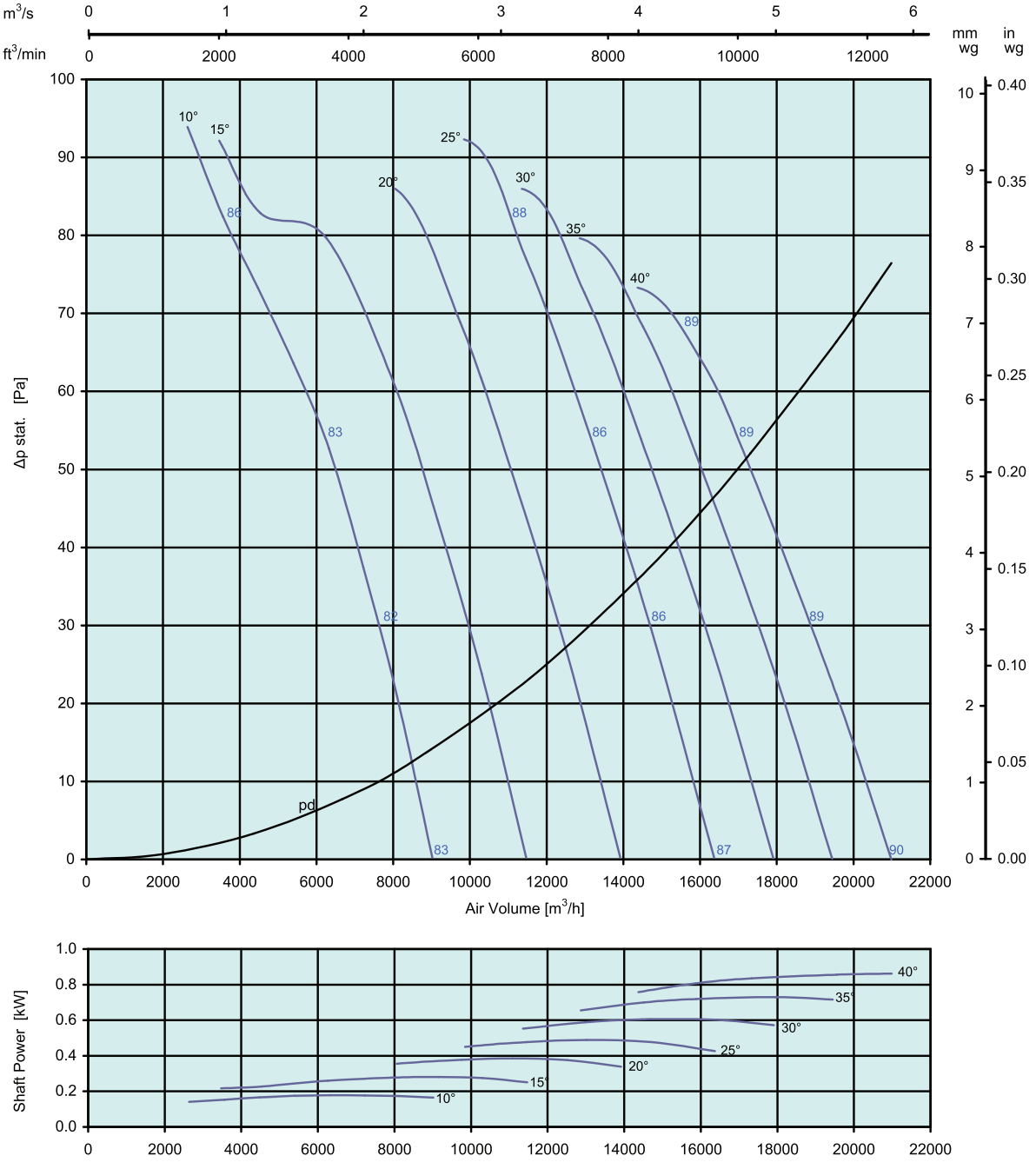
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 800-7-8, 50Hz 750 rpm

Axial Fan
Hub : 250mm



SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

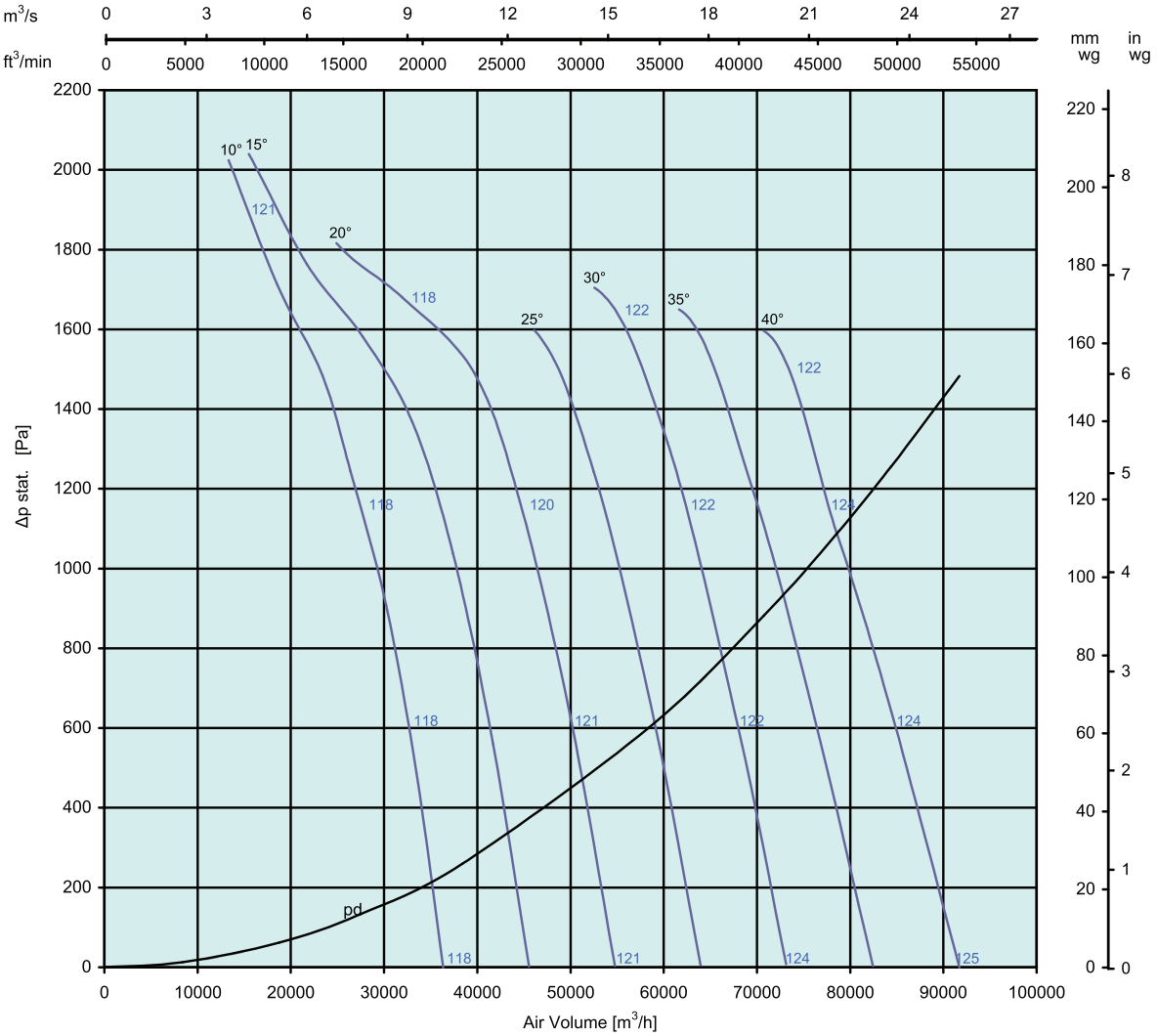
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-5	-8	-6	-6	-6	-12	-20	-27
	<85	-4	-5	-5	-5	-8	-16	-23	-30
25°	<50	-4	-5	-7	-9	-13	-19	-24	-30
	<85	5	-7	-4	-7	-11	-17	-23	-29
40°	<50	-4	-5	-8	-10	-14	-20	-23	-26
	<70	-4	-5	-8	-10	-13	-18	-23	-26

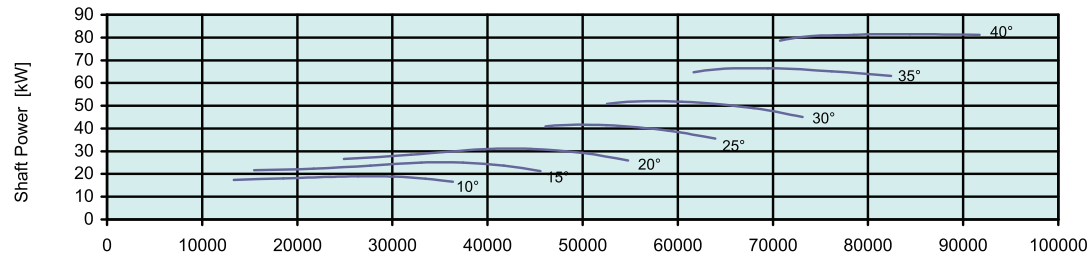
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 800-14-2, 50Hz 2900 rpm

Axial Fan
Hub : 250mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

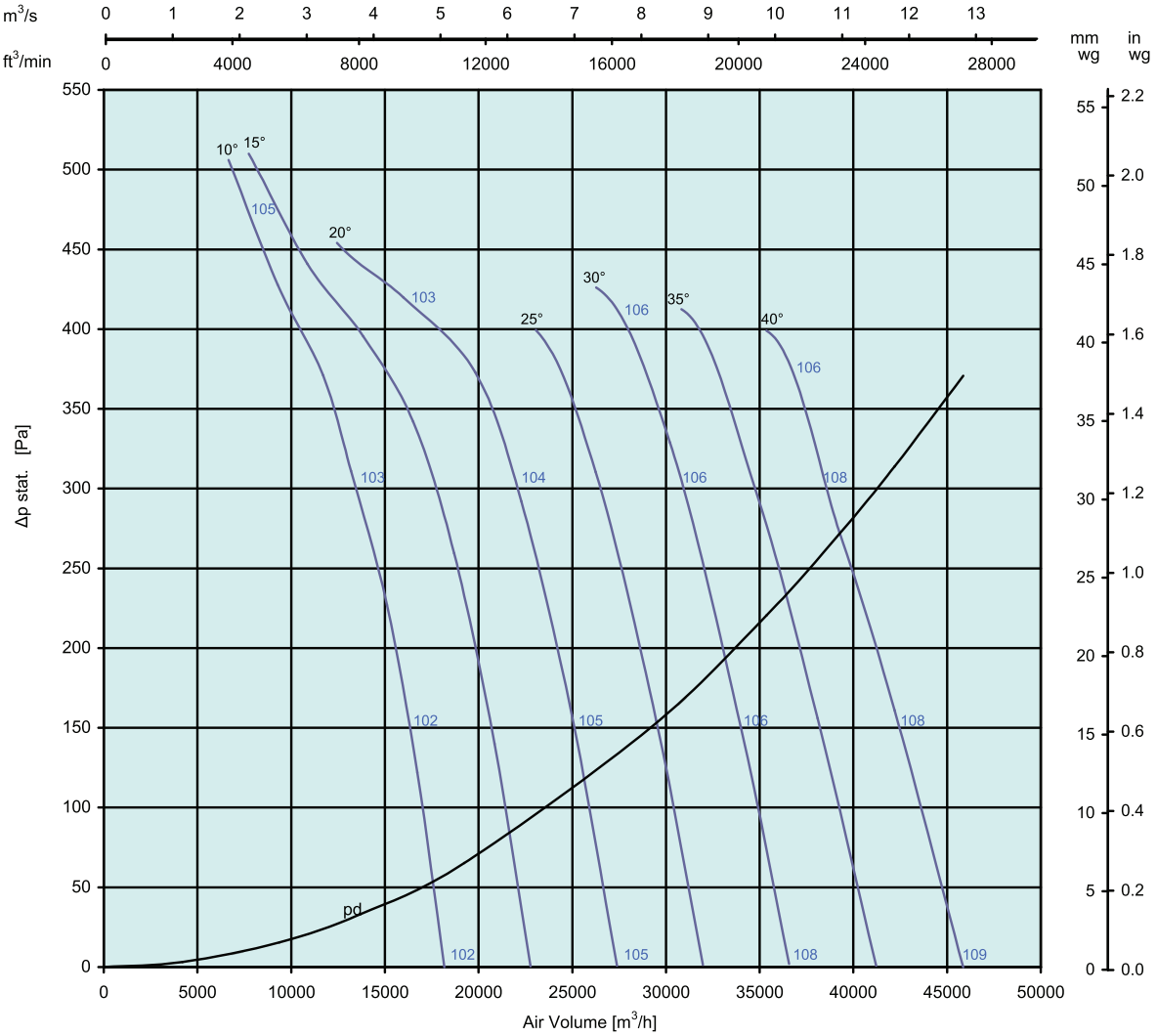
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<1000	-8	-5	-15	-9	-6	-6	-8	-13
	<2000	-6	-3	-15	-6	-6	-7	-9	-14
20°	<1000	-7	-4	-14	-9	-9	-9	-11	-17
	<1800	-8	-5	-15	-6	-5	-7	-11	-17
30°	<1000	-6	-3	-13	-9	-9	-12	-15	-20
	<1600	-6	-4	-13	-9	-7	-9	-13	-18
40°	<1000	-6	-3	-13	-10	-10	-13	-17	-23
	<1600	-6	-3	-14	-10	-11	-12	-16	-22

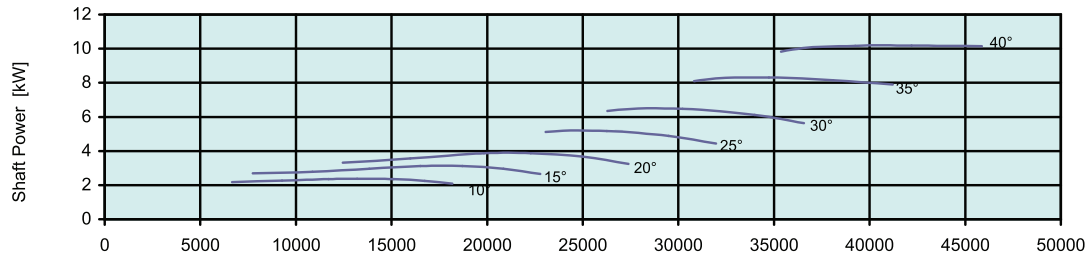
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 800-14-4, 50Hz 1450 rpm

Axial Fan
Hub : 250mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

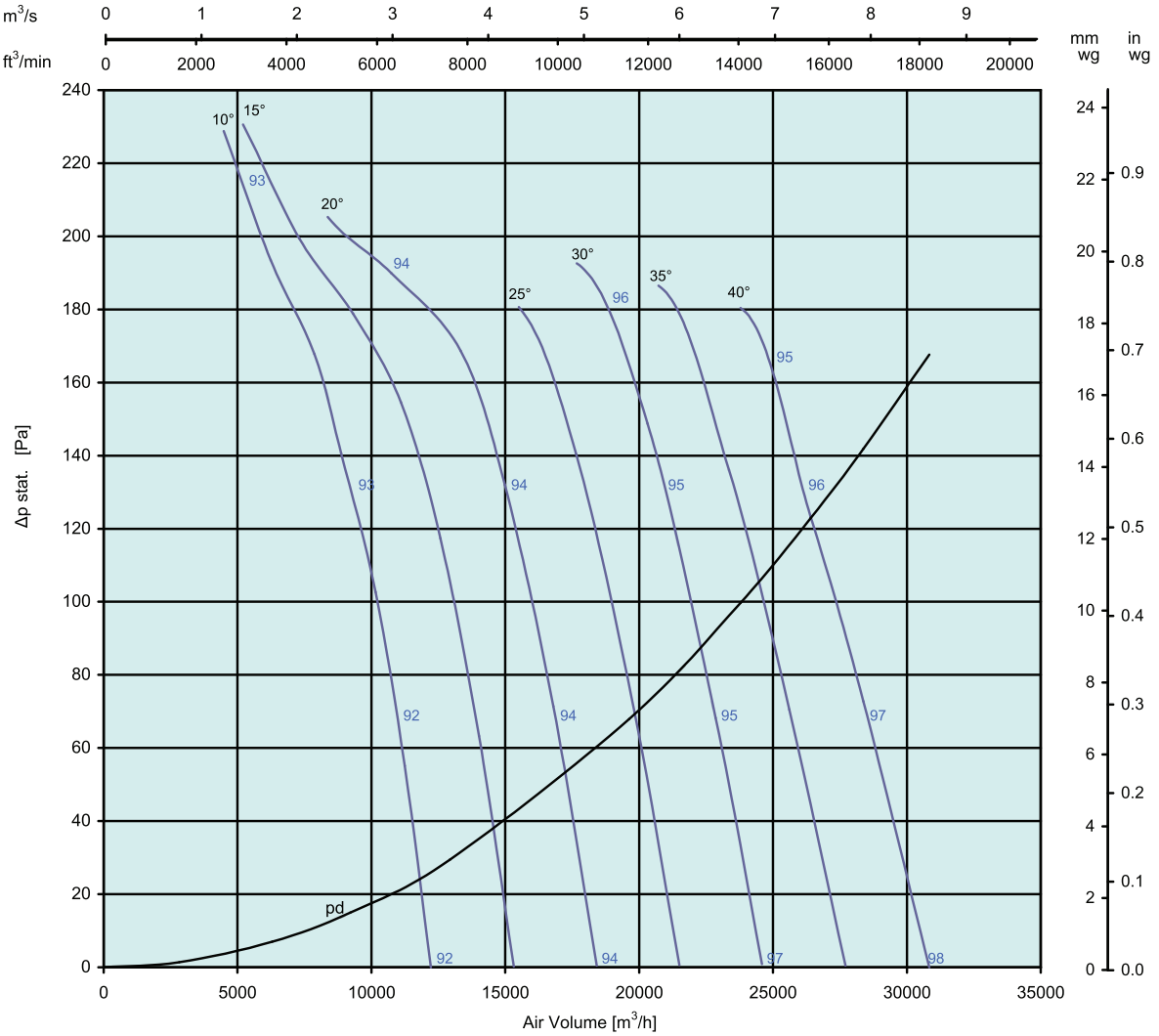
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<250	-4	-14	-8	-6	-6	-8	-13	-19
	<500	-2	-13	-6	-5	-7	-11	-17	-25
20°	<250	-3	-13	-9	-5	-8	-10	-16	-22
	<450	-3	-14	-6	-5	-7	-11	-17	-25
30°	<250	-3	-12	-8	-8	-11	-15	-19	-24
	<400	-2	-12	-8	-6	-8	-12	-17	-23
40°	<250	-2	-12	-9	-9	-12	-16	-22	-28
	<400	-2	-12	-9	-9	-11	-15	-21	-26

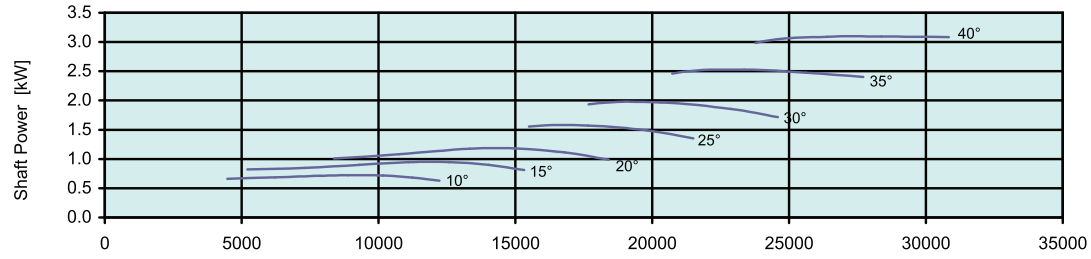
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 800-14-6, 50Hz 975 rpm

Axial Fan
Hub : 250mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<120	-9	-9	-6	-5	-6	-10	-15	-21
	<220	-5	-7	-5	-5	-9	-14	-21	-28
20°	<120	-7	-8	-5	-5	-8	-12	-18	-22
	<200	-9	-10	-4	-5	-8	-12	-19	-26
30°	<120	-6	-8	-5	-8	-10	-14	-19	-23
	<180	-6	-8	-5	-6	-9	-14	-19	-23
40°	<120	-5	-8	-5	-8	-12	-17	-23	-28
	<180	-5	-8	-6	-8	-11	-16	-22	-27

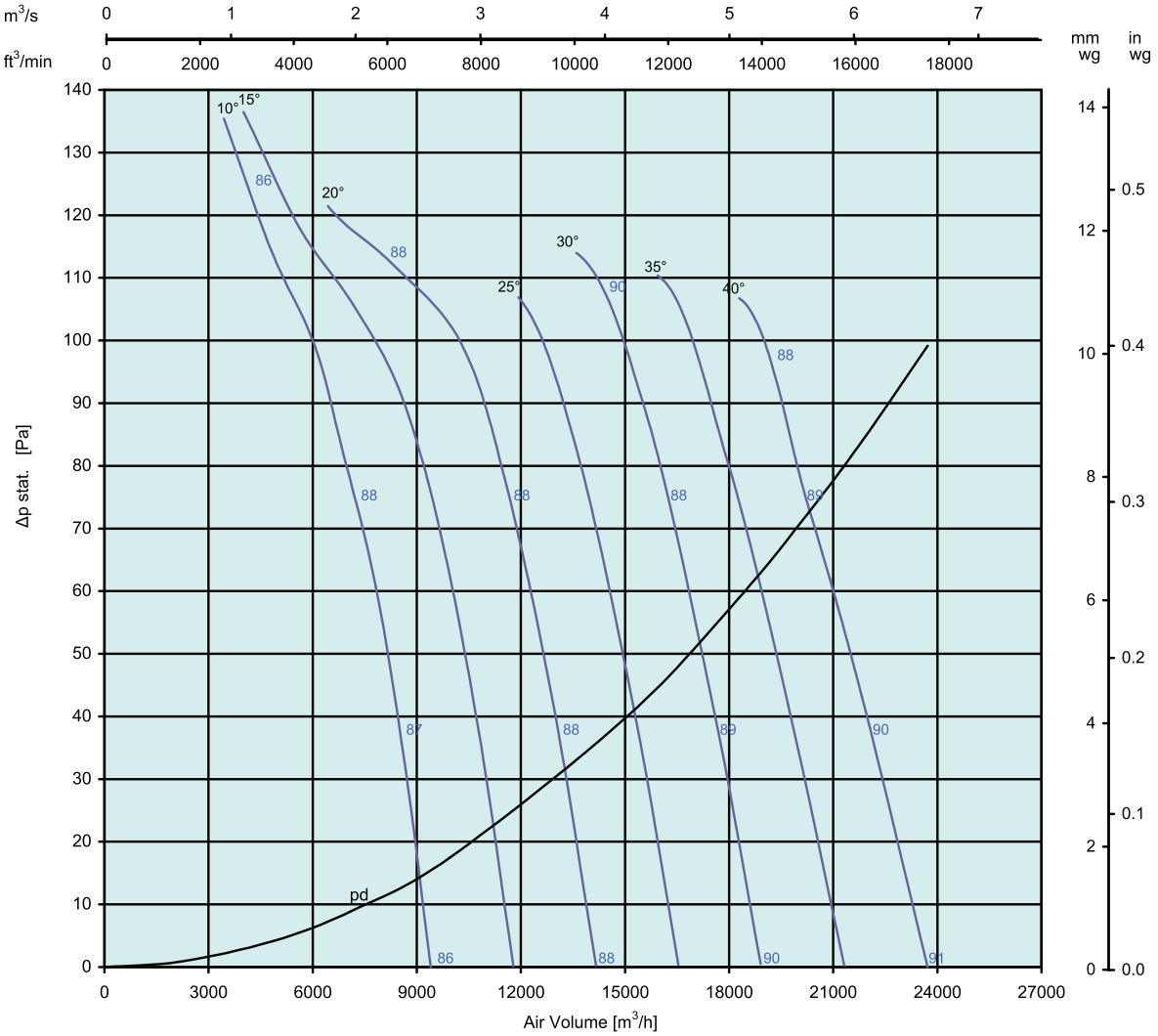
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

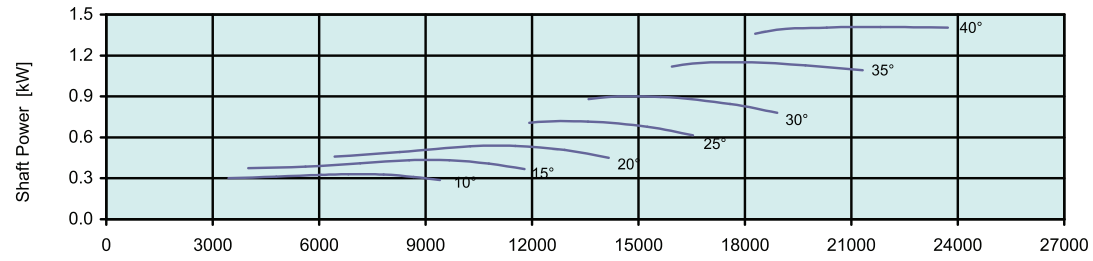
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 800-14-8, 50Hz 750 rpm

Axial Fan
Hub : 250mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

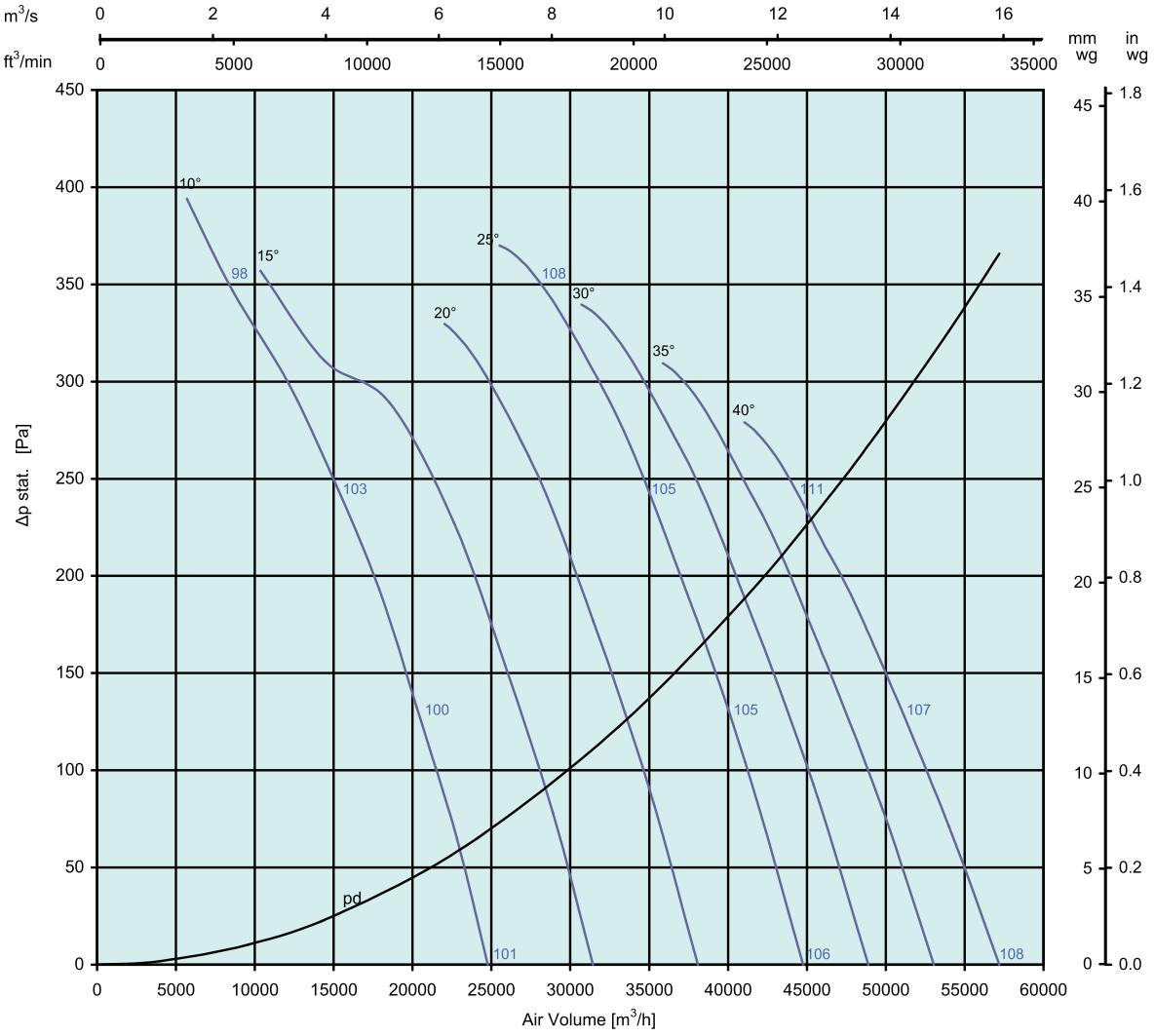
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-12	-7	-6	-5	-7	-11	-17	-23
	<130	-8	-4	-4	-6	-7	-12	-20	-29
20°	<50	-10	-5	-4	-7	-9	-15	-19	-23
	<120	-8	-4	-4	-6	-10	-16	-24	-28
30°	<50	-9	-5	-5	-7	-11	-15	-20	-25
	<110	-9	-6	-5	-6	-10	-15	-19	-23
40°	<50	-8	-5	-5	-8	-12	-18	-24	-29
	<100	-8	-5	-5	-7	-11	-17	-22	-27

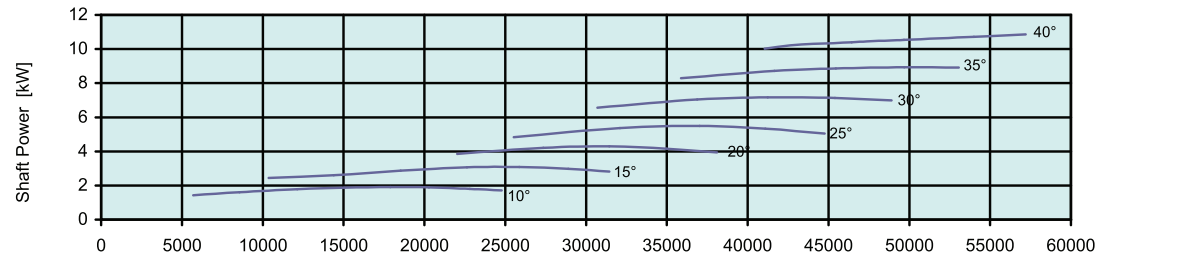
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 900-7-4, 50Hz 1450 rpm

Axial Fan
Hub : 250mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<200	-11	-6	-8	-4	-6	-6	-12	-19
	<350	-12	-5	-7	-2	-7	-10	-15	-20
25°	<200	-8	-6	-6	-8	-9	-13	-17	-21
	<350	-10	-7	-5	-4	-6	-11	-17	-22
40°	<200	-8	-6	-6	-8	-9	-13	-18	-21
	<260	-8	-5	-5	-8	-9	-13	-18	-21

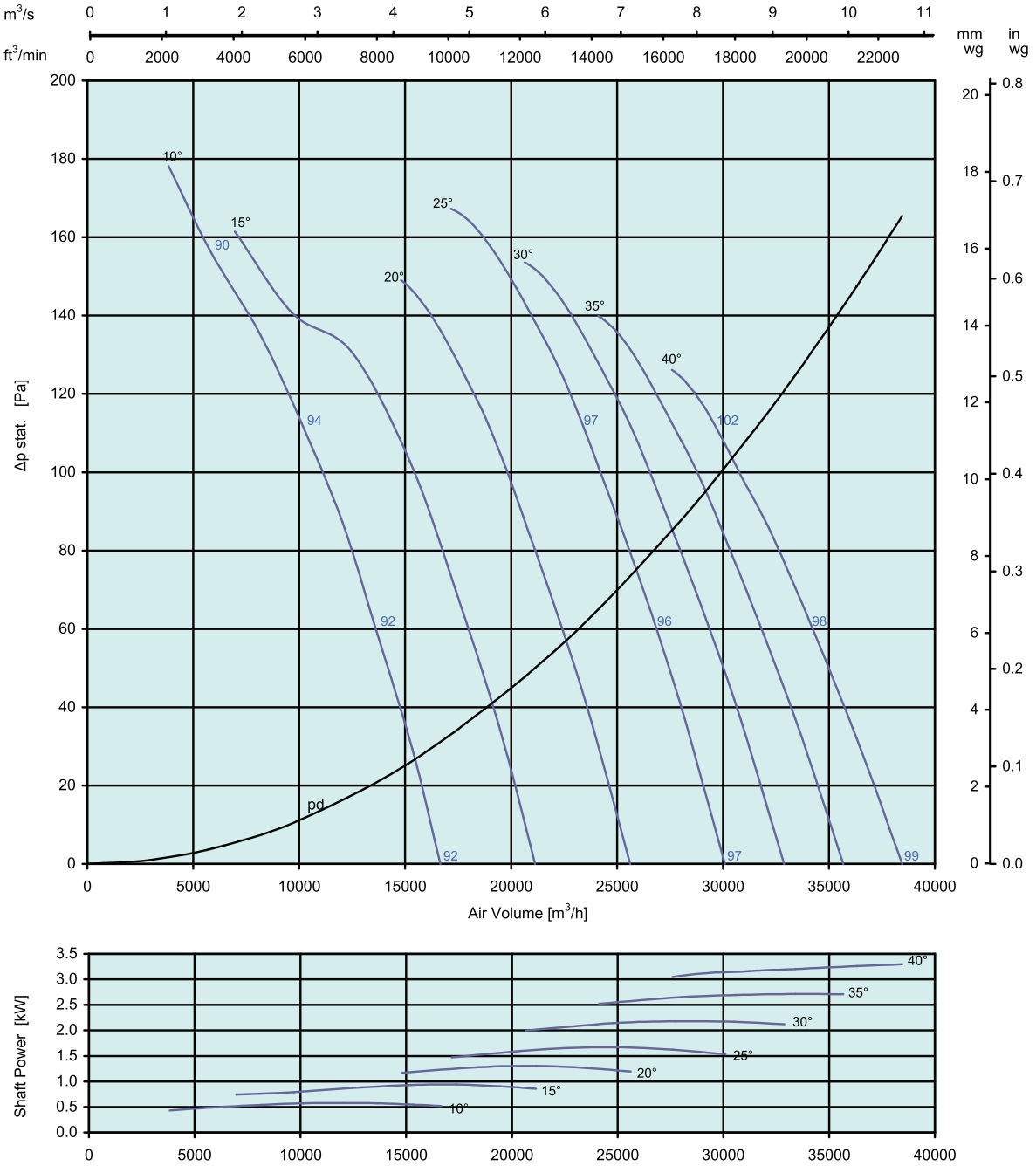
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 900-7-6, 50Hz 975 rpm

Axial Fan
Hub : 250mm



SOUND DATA

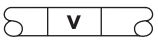
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<90	-8	-5	-7	-6	-6	-12	-16	-21
	<160	-8	-4	-5	-4	-8	-13	-18	-24
25°	<90	-6	-4	-7	-8	-11	-15	-19	-23
	<160	-8	-6	-4	-5	-9	-14	-19	-23
40°	<90	-6	-5	-7	-8	-11	-15	-19	-22
	<120	-7	-4	-7	-8	-11	-15	-19	-22

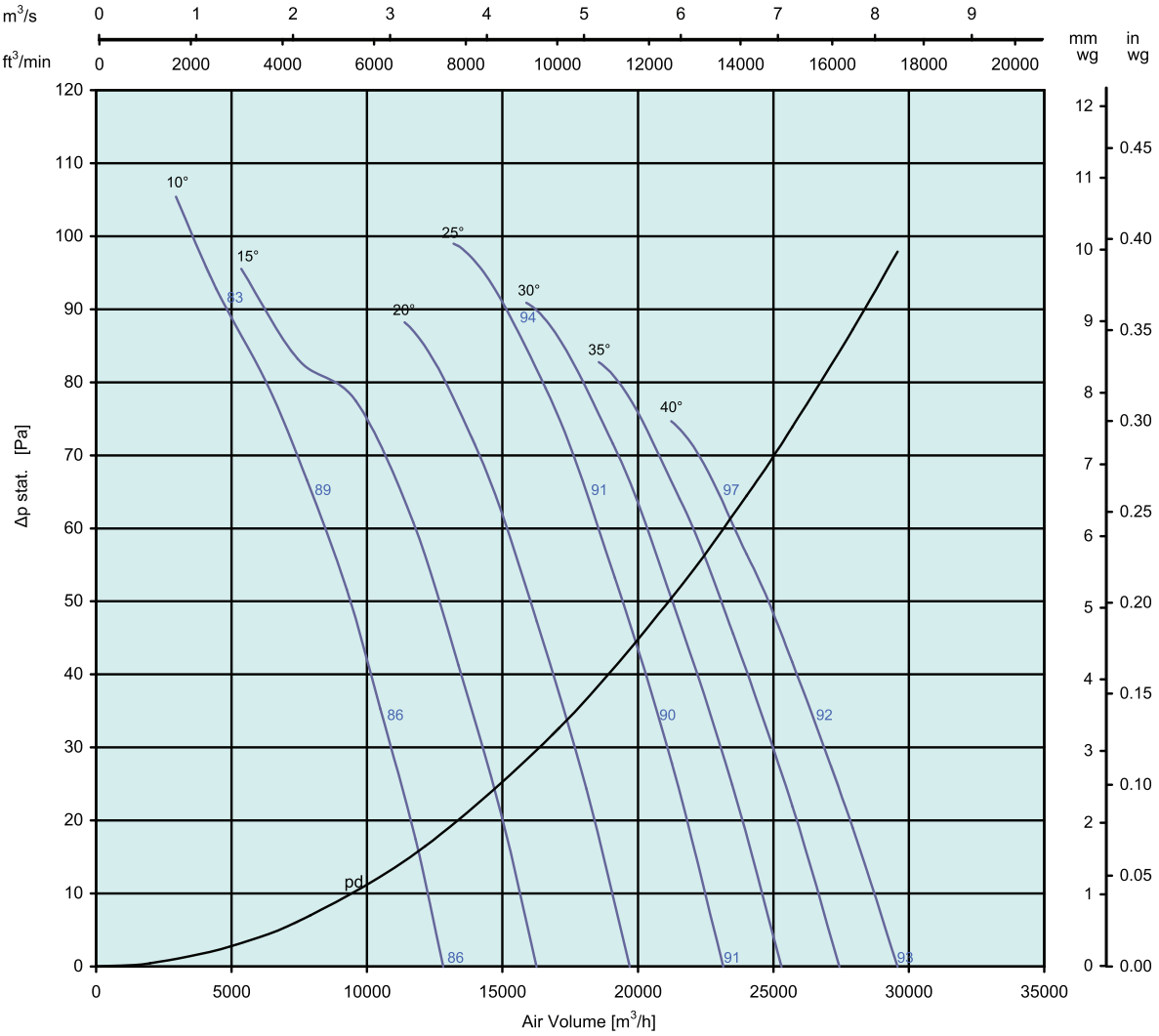
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

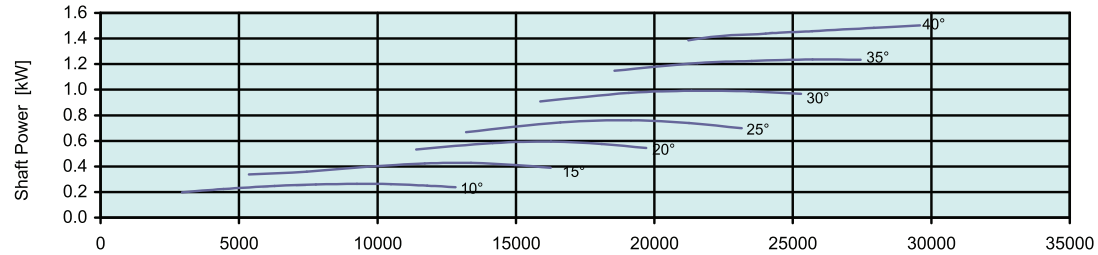
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 900-7-8, 50Hz 750 rpm



Axial Fan
Hub : 250mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-5	-7	-5	-6	-6	-12	-18	-23
	<90	-5	-6	-3	-7	-8	-14	-20	-25
25°	<50	-5	-5	-7	-8	-12	-16	-20	-24
	<90	-6	-5	-4	-6	-11	-16	-20	-24
40°	<50	-5	-5	-7	-8	-12	-17	-20	-24
	<70	-5	-5	-7	-8	-12	-17	-20	-23

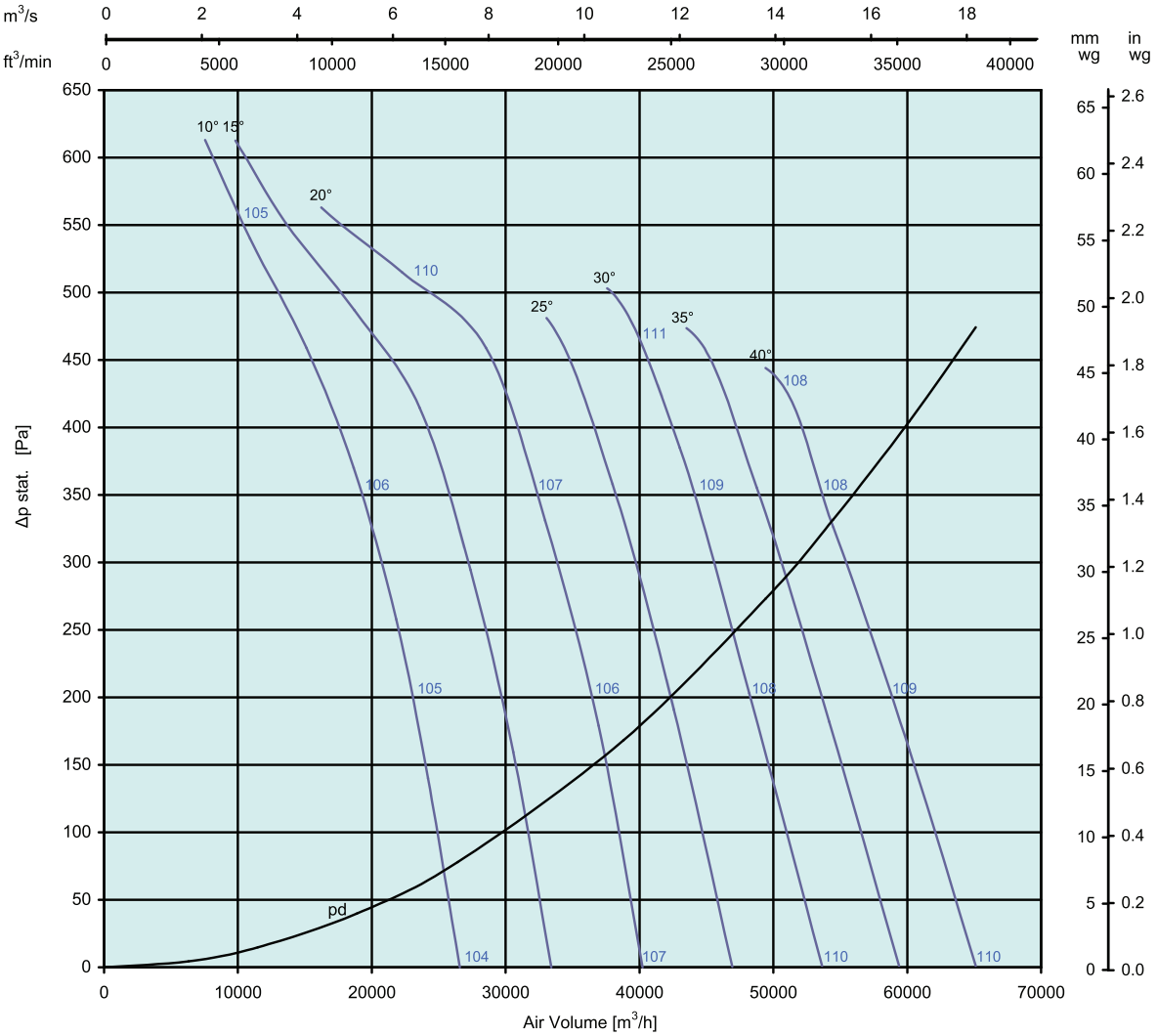
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

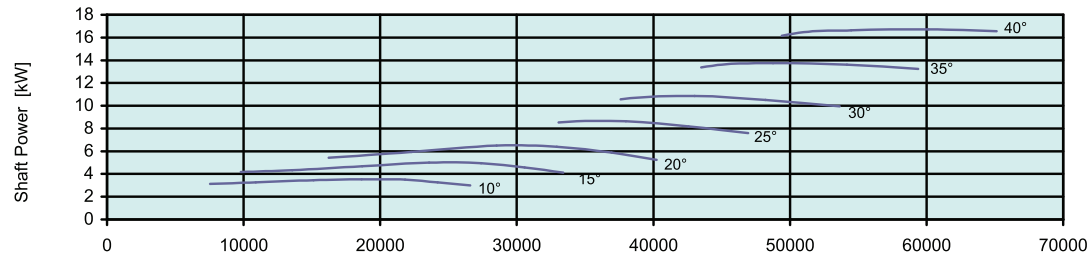
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 900-14-4, 50Hz 1450 rpm

Axial Fan
Hub : 250mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

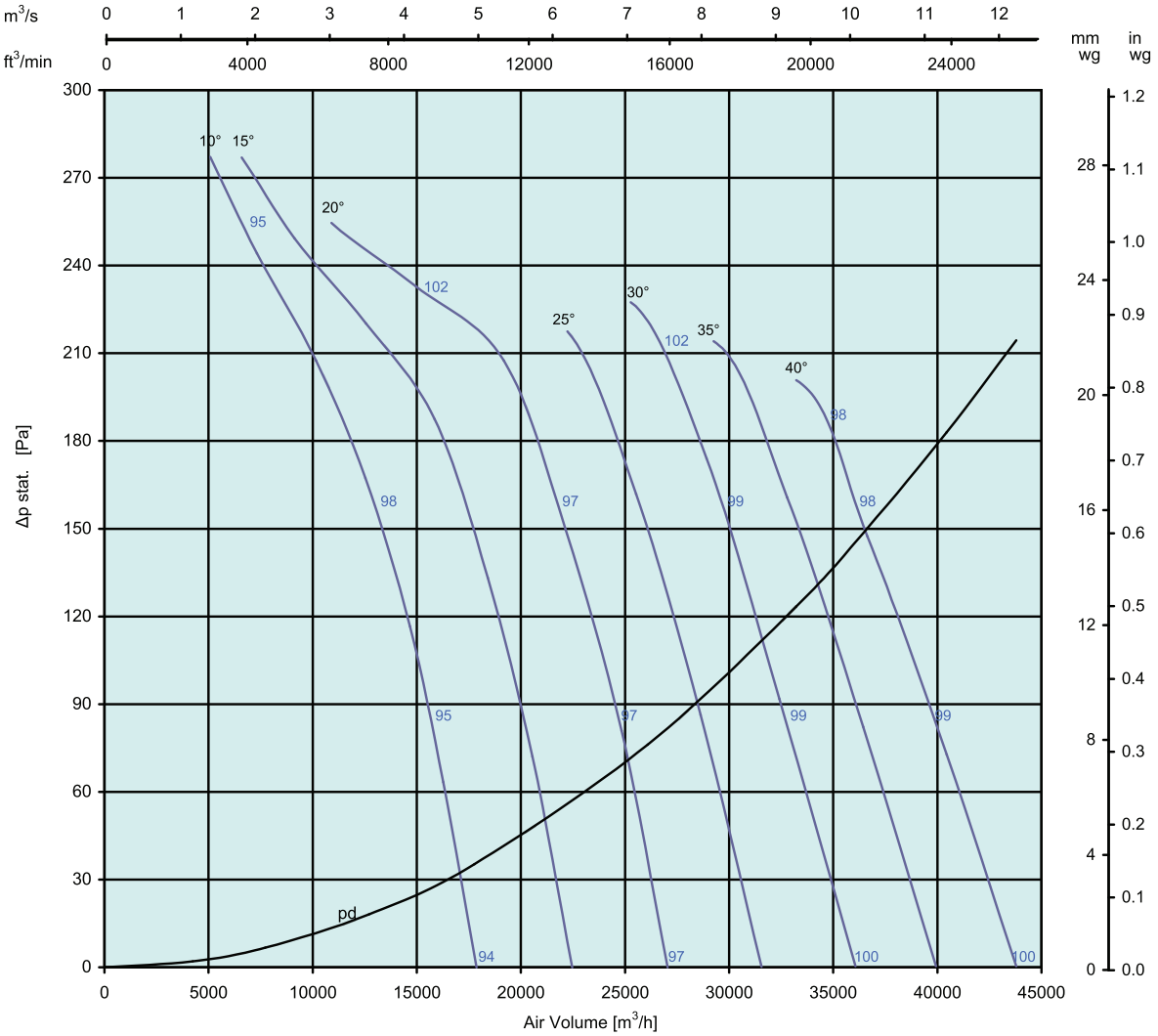
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<300	-8	-14	-8	-6	-5	-6	-12	-16
	<600	-8	-10	-4	-4	-8	-8	-15	-21
20°	<300	-7	-11	-6	-6	-6	-8	-14	-19
	<600	-7	-11	-3	-7	-6	-8	-14	-19
30°	<300	-5	-10	-6	-6	-8	-11	-15	-20
	<450	-7	-12	-6	-4	-7	-11	-15	-20
40°	<300	-5	-11	-7	-7	-9	-12	-16	-21
	<400	-6	-11	-7	-6	-8	-11	-15	-20

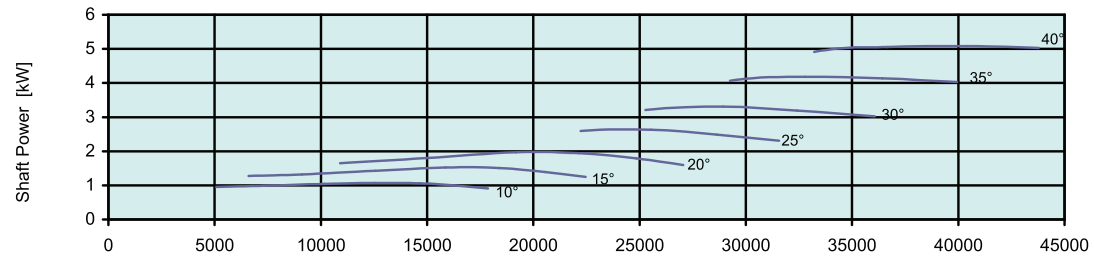
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 900-14-6, 50Hz 975 rpm

Axial Fan
Hub : 250mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<140	-11	-10	-6	-5	-5	-9	-13	-17
	<270	-9	-7	-3	-6	-6	-10	-17	-24
20°	<140	-9	-8	-5	-5	-7	-11	-16	-21
	<250	-10	-7	-3	-5	-7	-11	-16	-21
30°	<140	-8	-7	-5	-7	-10	-13	-18	-23
	<210	-9	-8	-5	-5	-9	-13	-18	-23
40°	<140	-7	-8	-5	-7	-9	-13	-17	-22
	<180	-8	-8	-5	-7	-9	-13	-17	-22

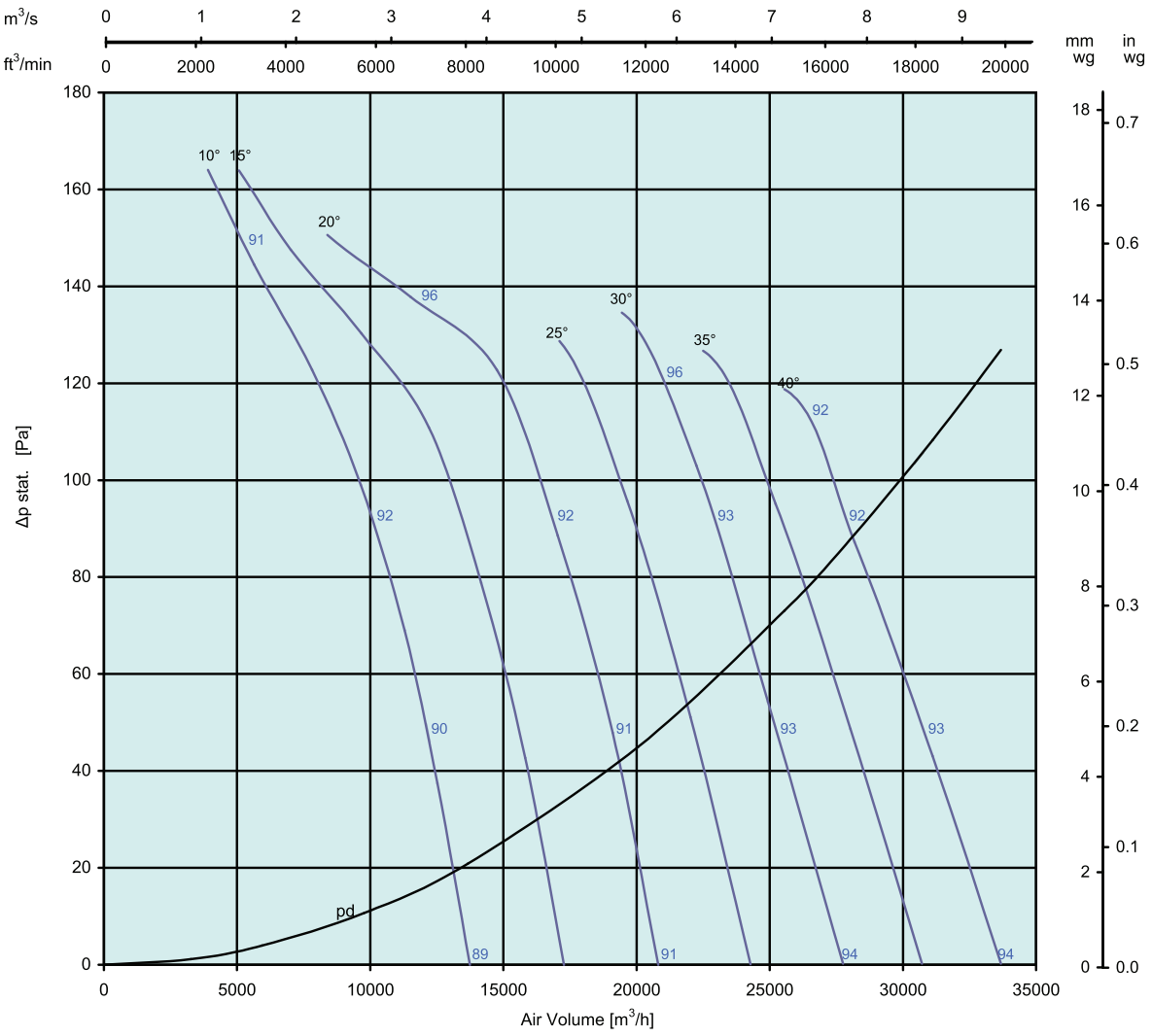
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

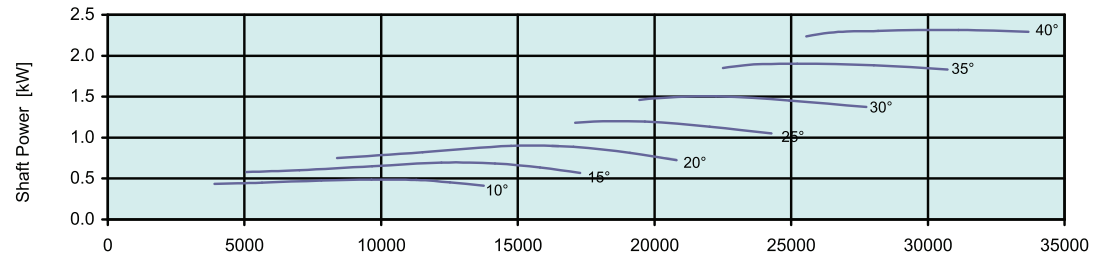
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 900-14-8, 50Hz 750 rpm

Axial Fan
Hub : 250mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

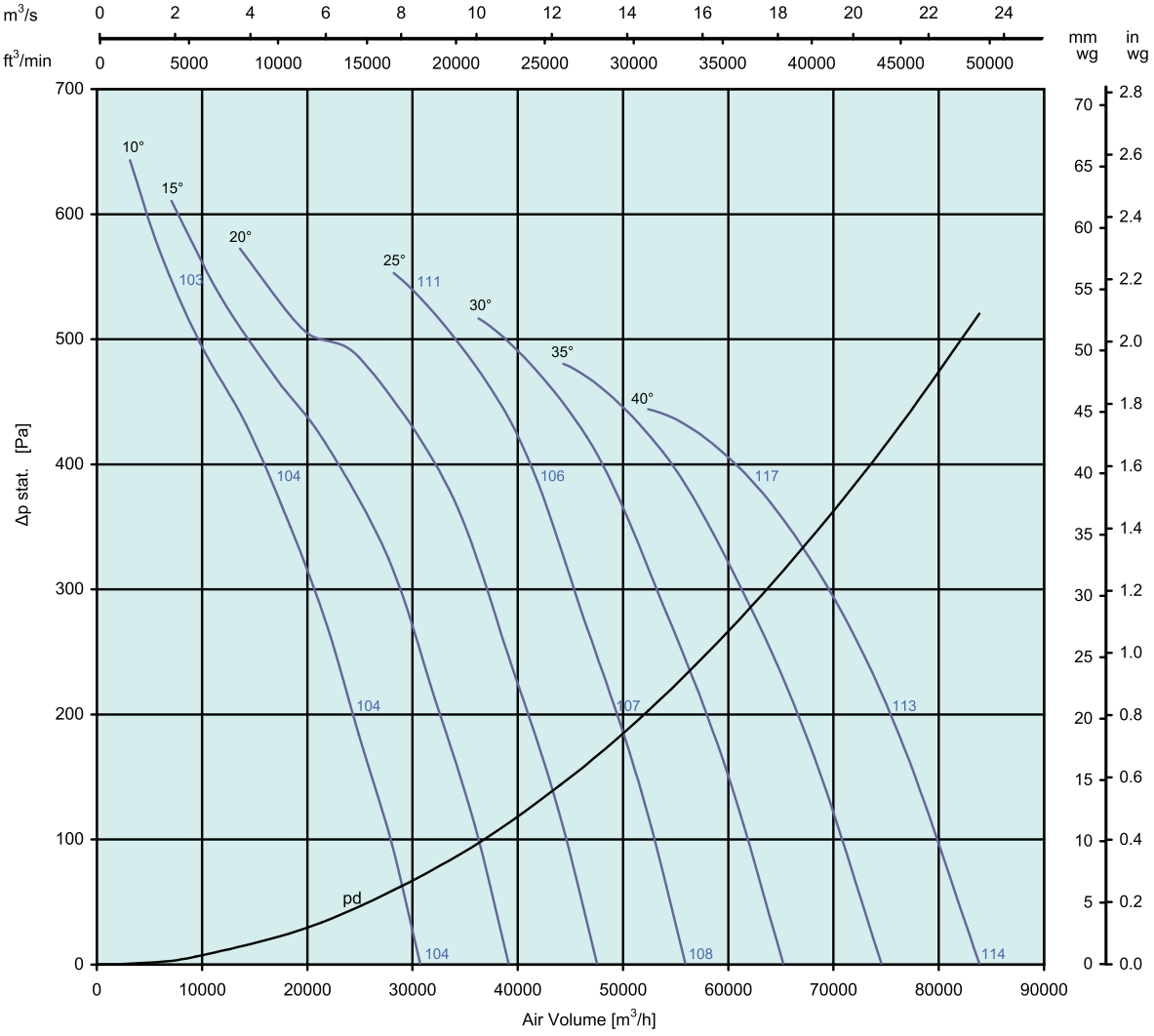
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<80	-13	-6	-5	-5	-6	-11	-15	-19
	<160	-9	-4	-4	-6	-8	-12	-19	-25
20°	<80	-10	-6	-4	-5	-8	-13	-18	-23
	<140	-10	-2	-6	-5	-8	-23	-28	-23
30°	<80	-9	-5	-5	-7	-10	-14	-19	-24
	<125	-10	-6	-4	-6	-10	-14	-19	-24
40°	<80	-9	-5	-5	-7	-10	-14	-19	-24
	<110	-10	-6	-5	-7	-10	-14	-19	-24

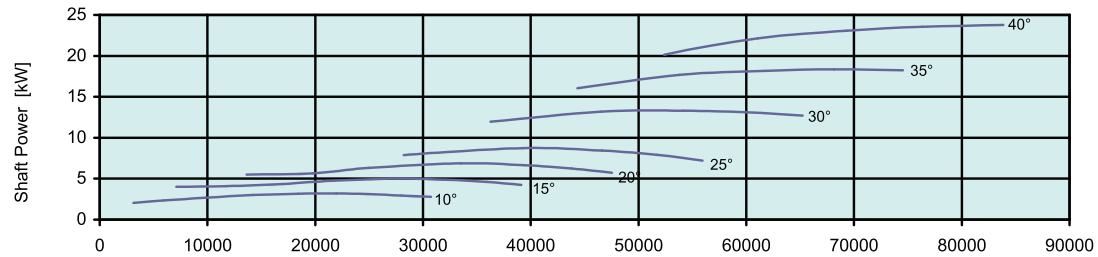
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1000-6-4, 50Hz 1450 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

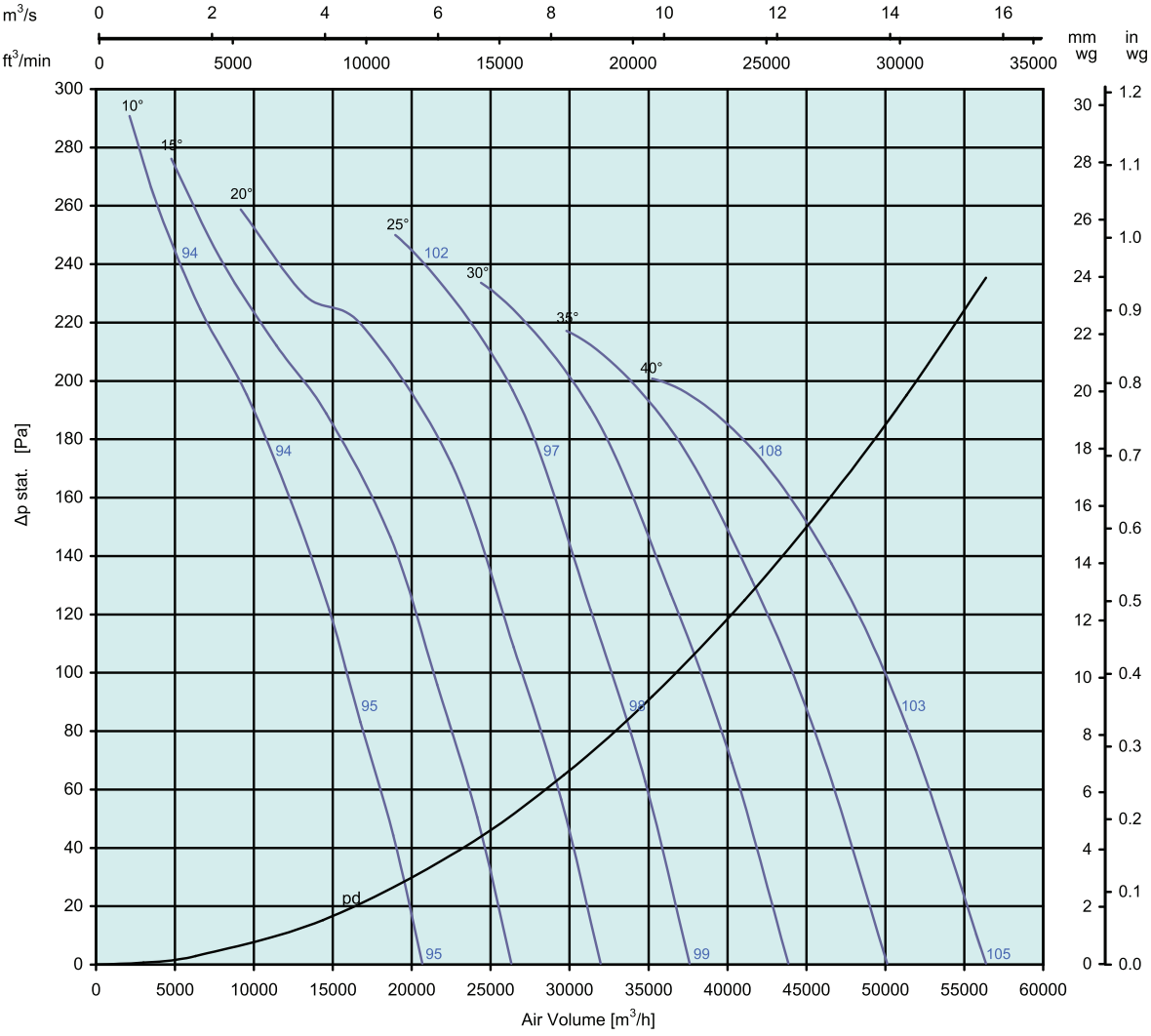
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<300	-14	-6	-8	-6	-4	-10	-15	-18
	<550	-14	-4	-6	-5	-4	-11	-18	-22
25°	<300	-10	-3	-8	-7	-11	-16	-20	-25
	<550	-10	-4	-7	-3	-8	-14	-18	-23
40°	<300	-6	-4	-8	-9	-12	-17	-21	-24
	<400	-6	-4	-8	-10	-13	-17	-21	-24

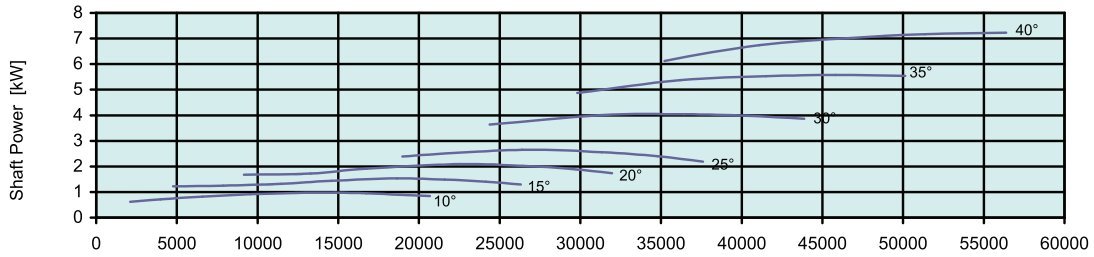
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1000-6-6, 50Hz 975 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

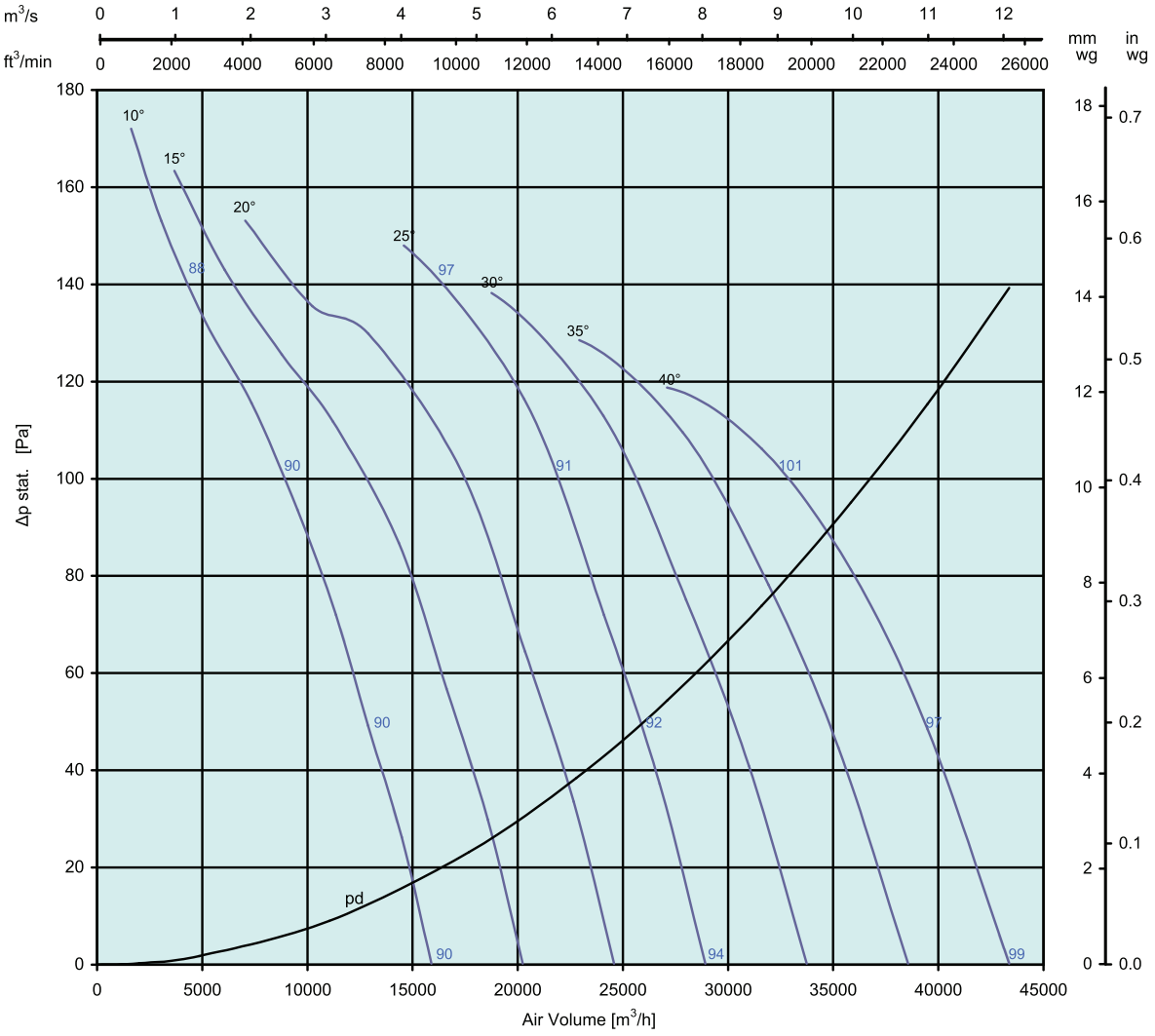
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<130	-9	-7	-7	-4	-7	-13	-17	-20
	<240	-8	-4	-6	-4	-7	-14	-20	-24
25°	<130	-5	-4	-8	-9	-13	-18	-22	-26
	<240	-6	-4	-4	-5	-11	-16	-20	-25
40°	<130	-4	-5	-8	-10	-14	-18	-22	-25
	<180	-4	-5	-8	-11	-14	-18	-22	-25

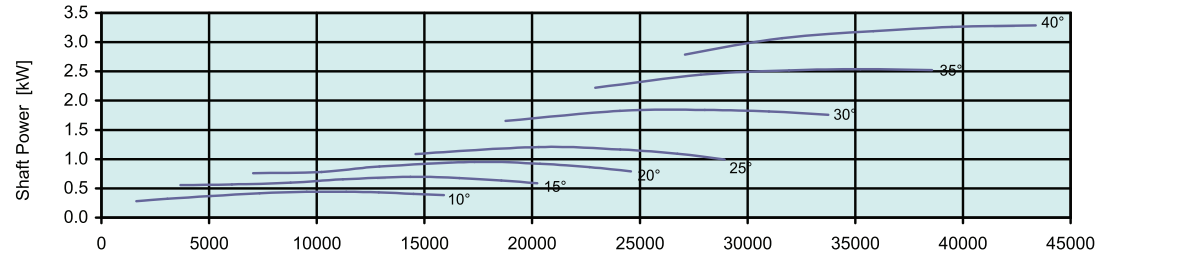
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1000-6-8, 50Hz 750 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

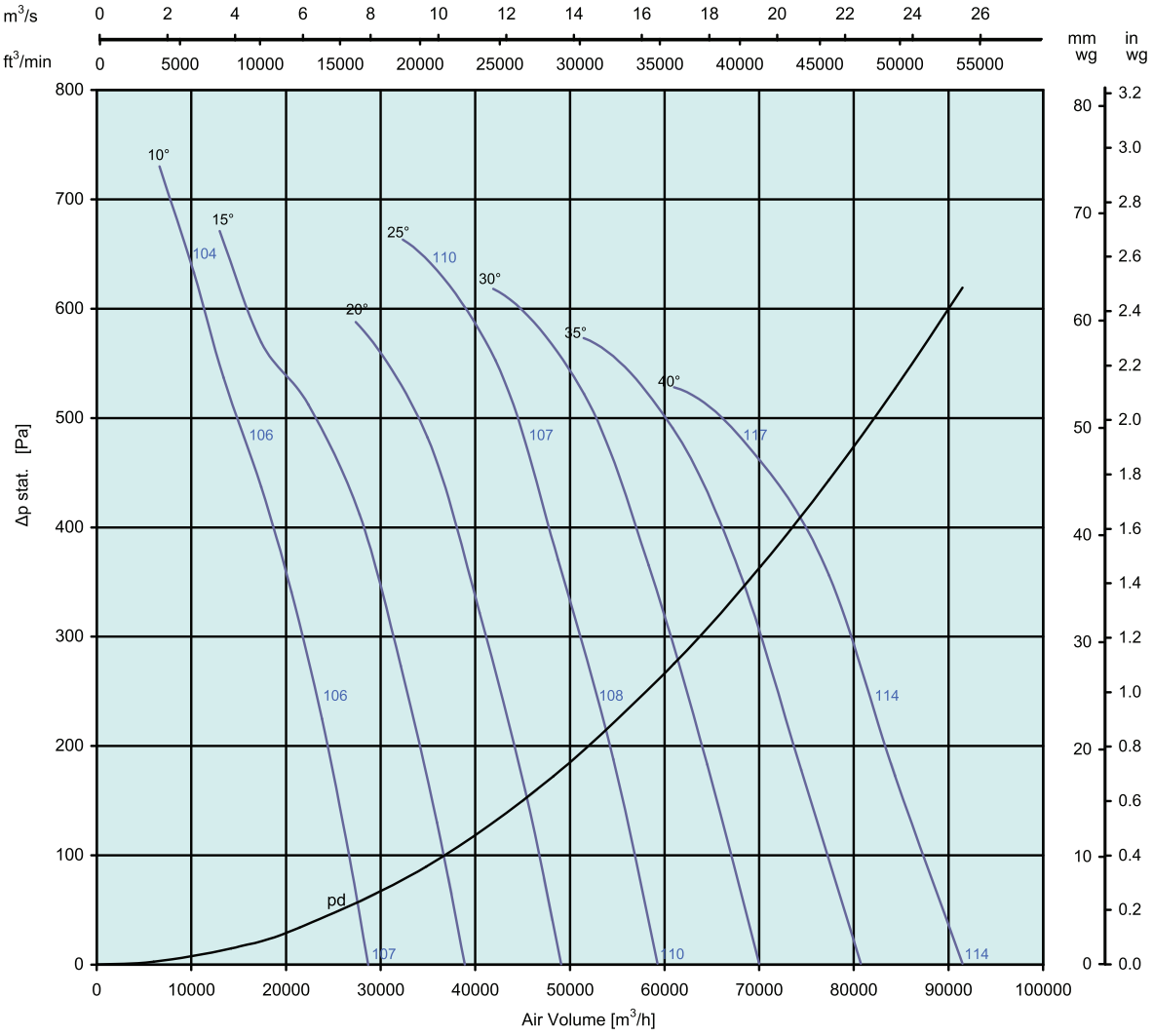
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<80	-8	-8	-6	-3	-9	-15	-18	-21
	<140	-4	-5	-5	-4	-11	-18	-23	-28
25°	<80	-3	-6	-7	-10	-16	-20	-24	-28
	<140	-4	-7	-3	-8	-14	-18	-23	-28
40°	<80	-3	-7	-8	-10	-15	-19	-22	-25
	<110	-3	-6	-9	-11	-15	-19	-22	-25

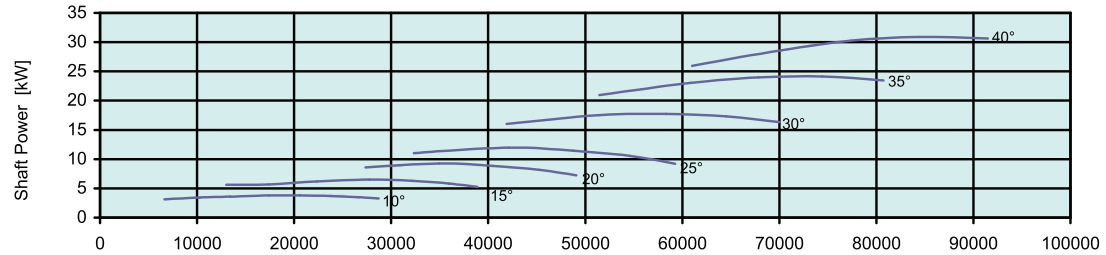
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1000-9-4, 50Hz 1450 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

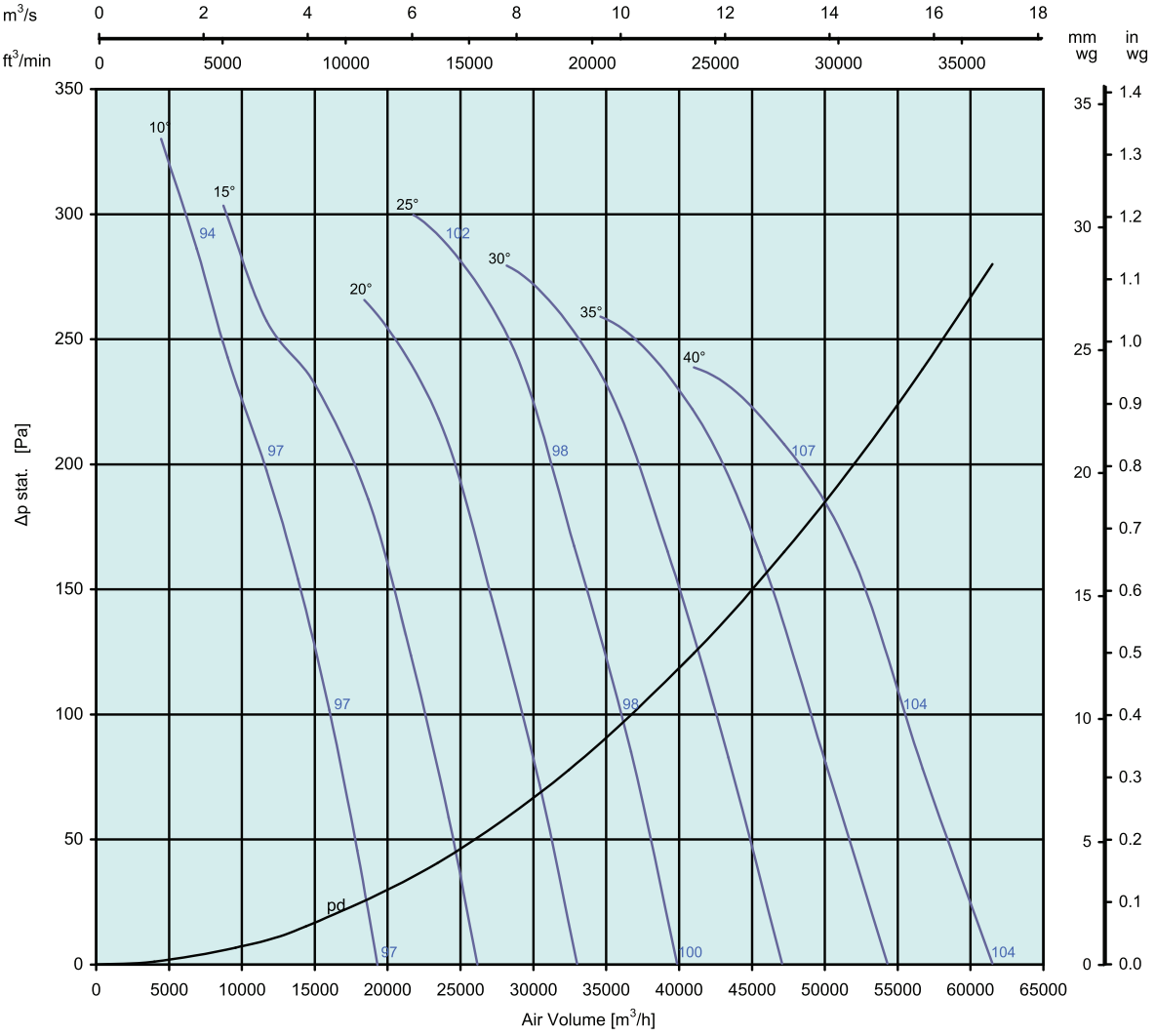
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<350	-9	-13	-9	-6	-4	-10	-15	-20
	<650	-6	-8	-5	-6	-5	-12	-17	-24
25°	<350	-5	-7	-6	-8	-11	-16	-19	-24
	<650	-6	-7	-7	-4	-8	-12	-17	-23
40°	<350	-5	-7	-7	-8	-11	-16	-22	-25
	<480	-5	-3	-7	-8	-10	-15	-21	-24

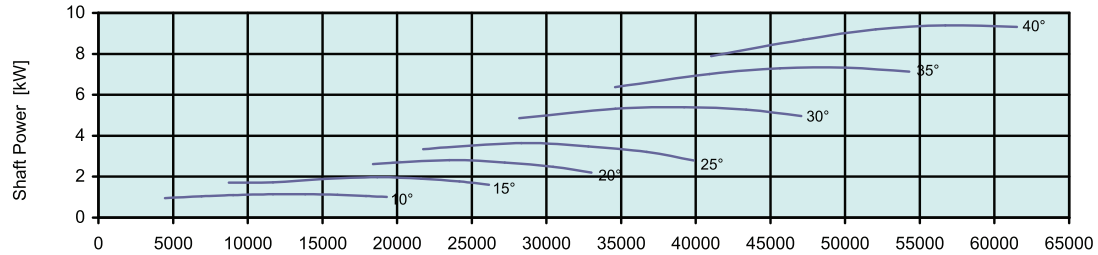
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1000-9-6, 50Hz 975 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

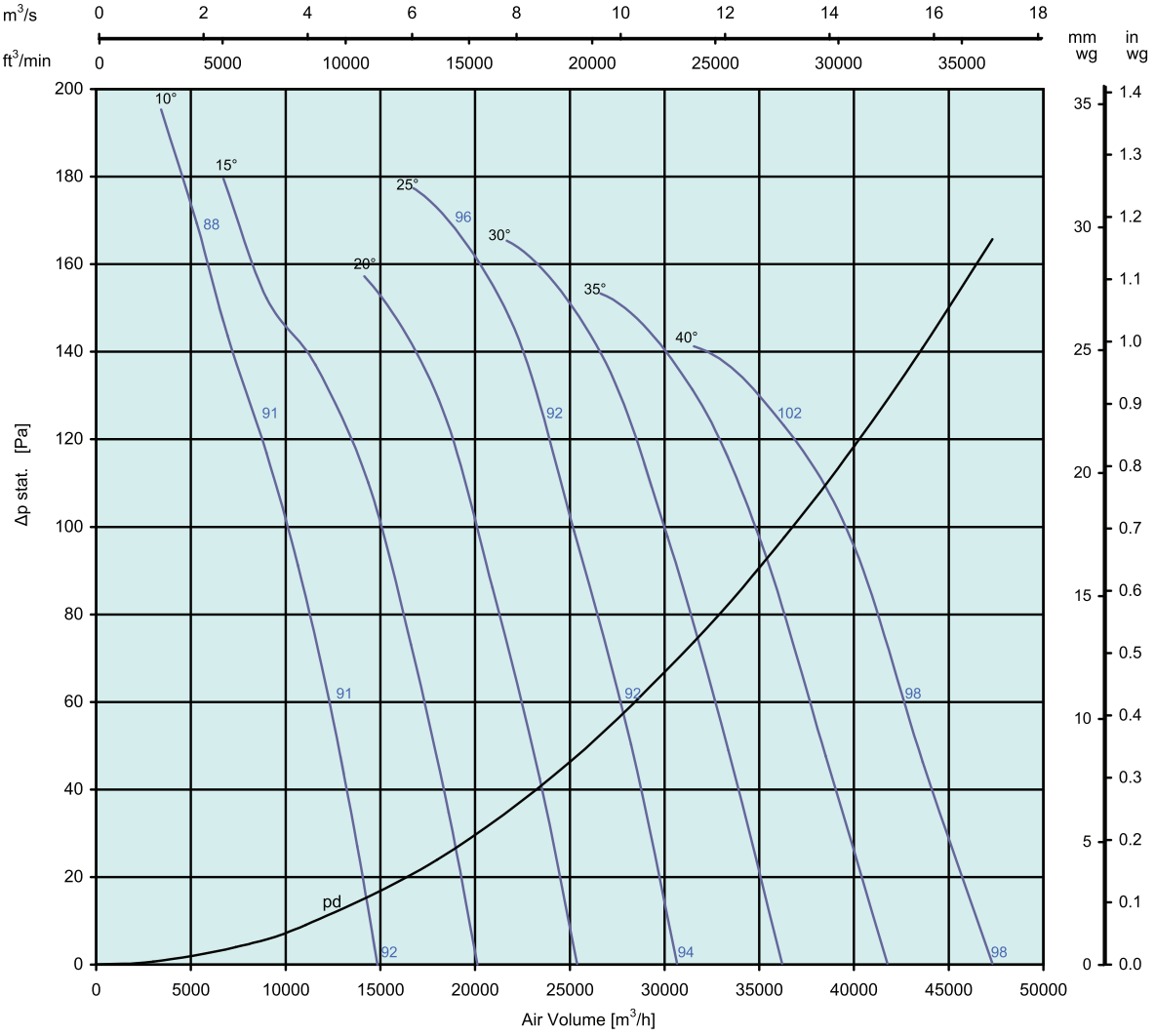
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<150	-10	-9	-7	-4	-7	-12	-17	-22
	<300	-6	-5	-6	-4	-8	-15	-21	-27
25°	<150	-5	-6	-6	-9	-13	-17	-21	-26
	<300	-6	-7	-5	-6	-10	-14	-20	-26
40°	<150	-5	-7	-6	-8	-13	-18	-23	-25
	<220	-3	-7	-7	-8	-12	-17	-22	-25

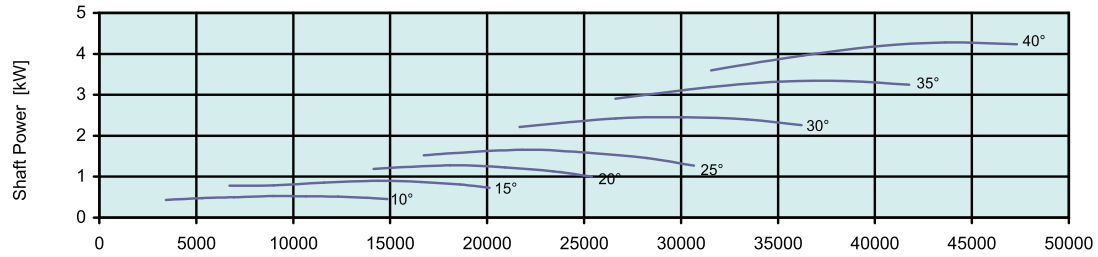
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1000-9-8, 50Hz 750 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

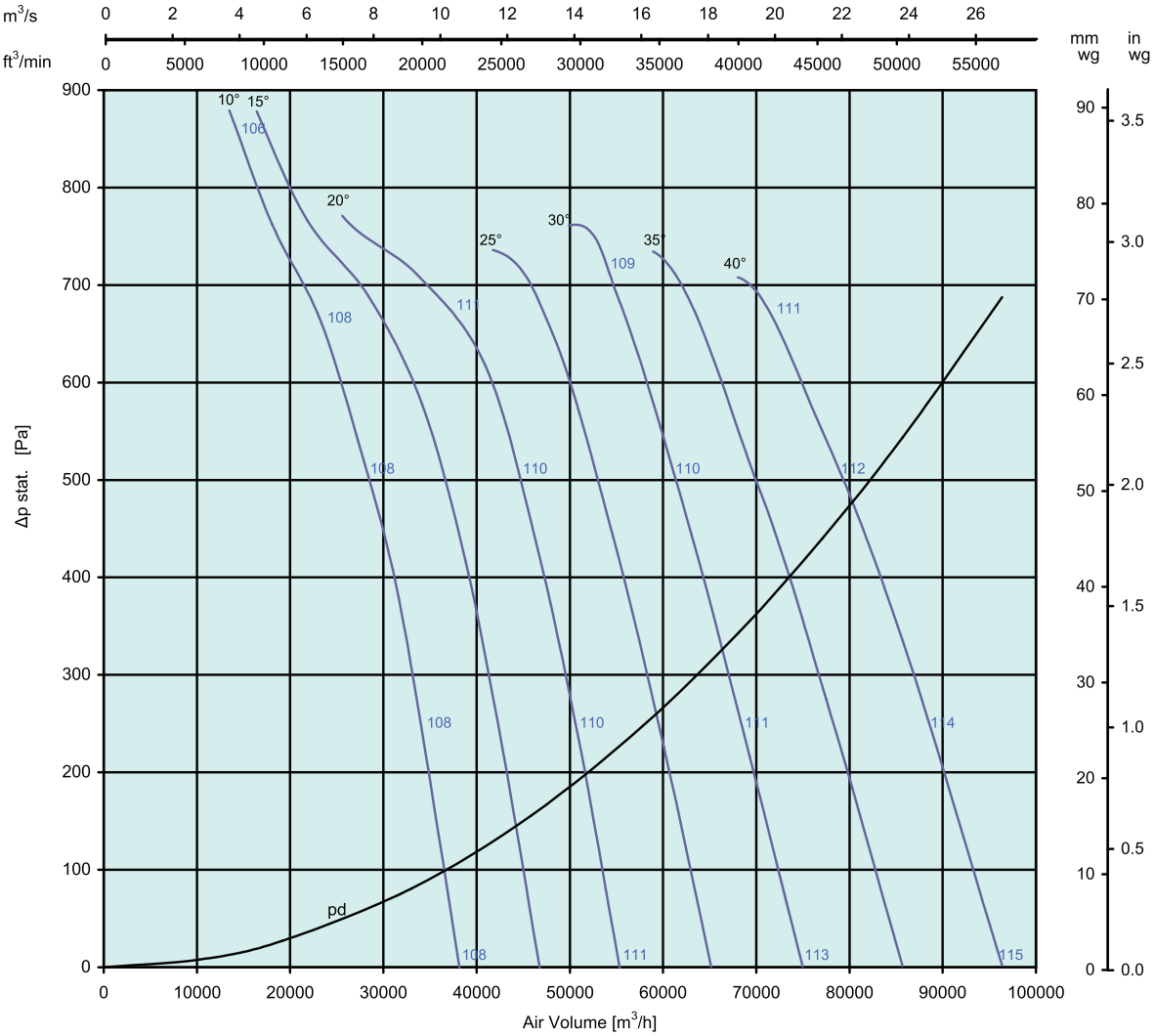
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<80	-12	-8	-6	-3	-9	-14	-19	-24
	<170	-6	-3	-5	-4	-11	-17	-23	-28
25°	<80	-6	-4	-6	-9	-15	-18	-22	-27
	<170	-6	-5	-4	-7	-11	-16	-22	-27
40°	<80	-6	-5	-6	-8	-14	-20	-23	-25
	<120	-2	-6	-7	-9	-14	-20	-23	-26

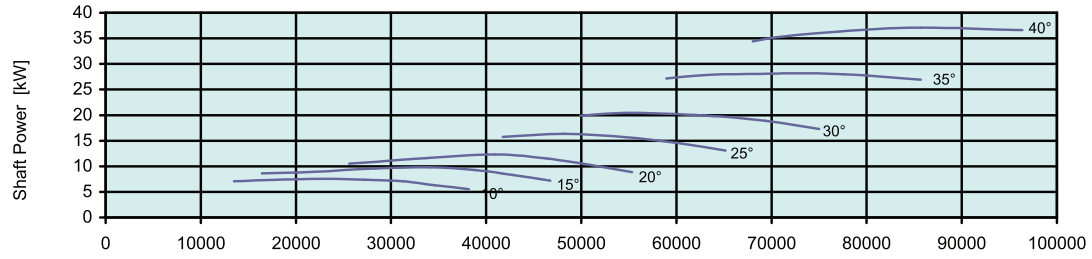
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1000-12-4, 50Hz 1450 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-7	-15	-5	-7	-6	-10	-16	-21
	<850	-6	-13	-3	-4	-7	-11	-18	-25
20°	<400	-5	-12	-5	-8	-9	-15	-19	-25
	<600	-6	-13	-5	-3	-7	-13	-19	-25
30°	<400	-4	-12	-5	-8	-11	-17	-23	-27
	<720	-6	-11	-4	-6	-8	-14	-19	-23
40°	<400	-5	-5	-8	-8	-11	-25	-20	-24
	<650	-6	-5	-8	-8	-10	-14	-20	-23

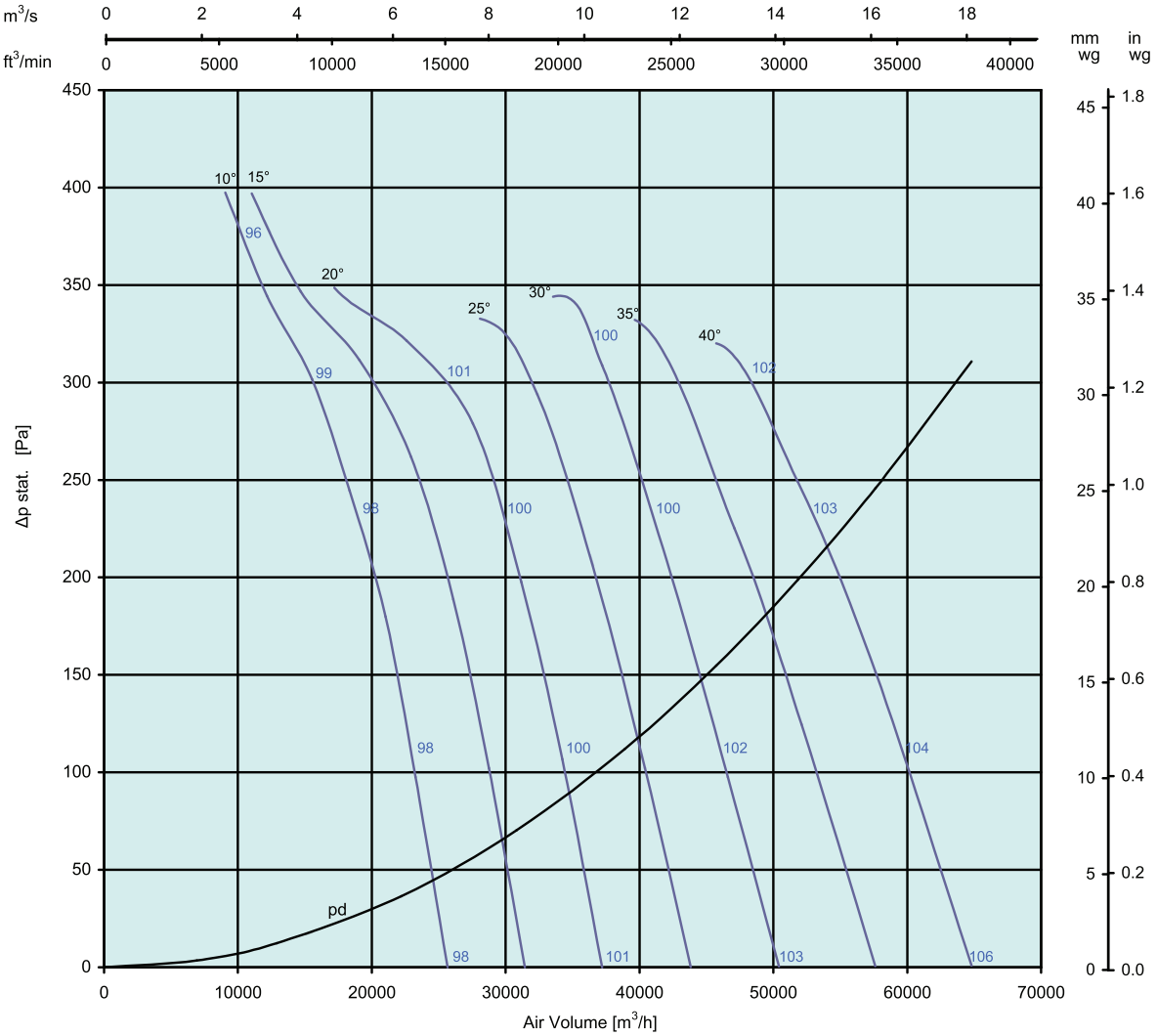
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

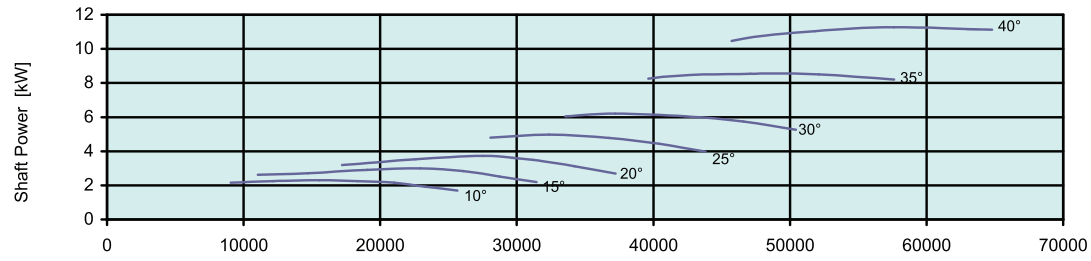
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 1000-12-6, 50Hz 975 rpm

Axial Fan
Hub : 350mm





SOUND DATA

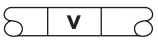
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<200	-11	-8	-4	-5	-7	-13	-18	-23
	<400	-9	-6	-4	-5	-8	-14	-21	-26
20°	<200	-8	-6	-4	-7	-11	-16	-22	-26
	<300	-9	-7	-4	-5	-10	-16	-22	-28
30°	<200	-7	-6	-4	-8	-13	-19	-24	-28
	<330	-8	-6	-4	-7	-11	-16	21	-25
40°	<200	-4	-8	-7	-9	-12	-18	-23	-26
	<300	-4	-8	-7	-9	-12	-18	-22	-25

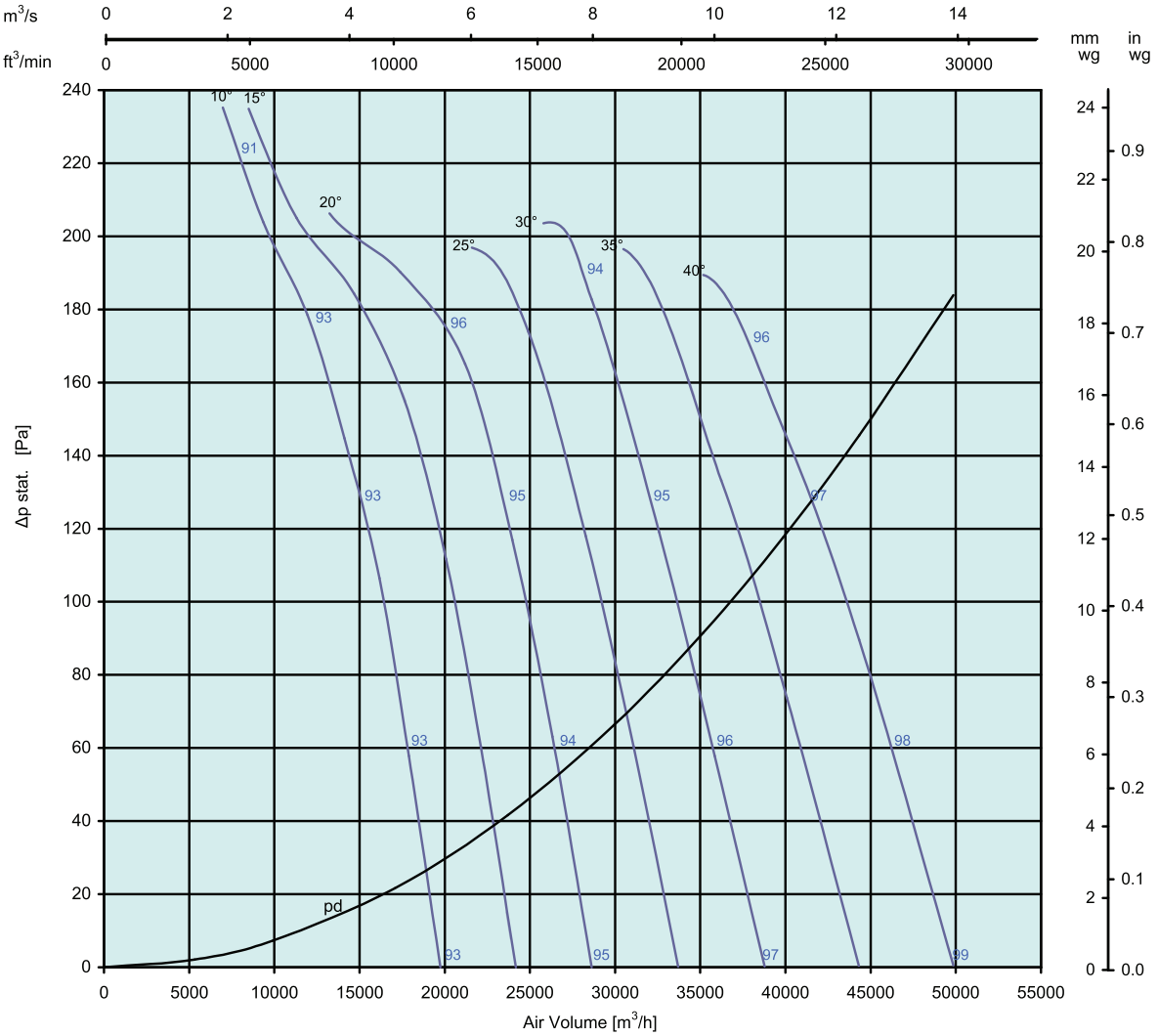
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

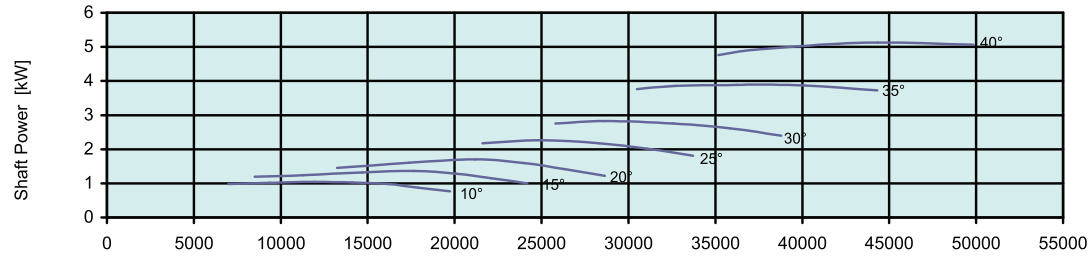
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1000-12-8, 50Hz 750 rpm



Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<120	-14	-4	-5	-5	-9	-15	-20	-25
	<230	-12	-2	-4	-6	-10	-17	-24	-28
20°	<120	-10	-3	-5	-8	-13	-18	-23	-27
	<180	-12	-4	-3	-7	-13	-18	-24	-30
30°	<120	-10	-3	-6	-9	-15	-21	-25	-29
	<200	-10	-4	-5	-7	-13	-18	-22	-26
40°	<120	-4	-7	-6	-9	-14	-19	-24	-26
	<180	-4	-7	-7	-9	-13	-18	-22	-25

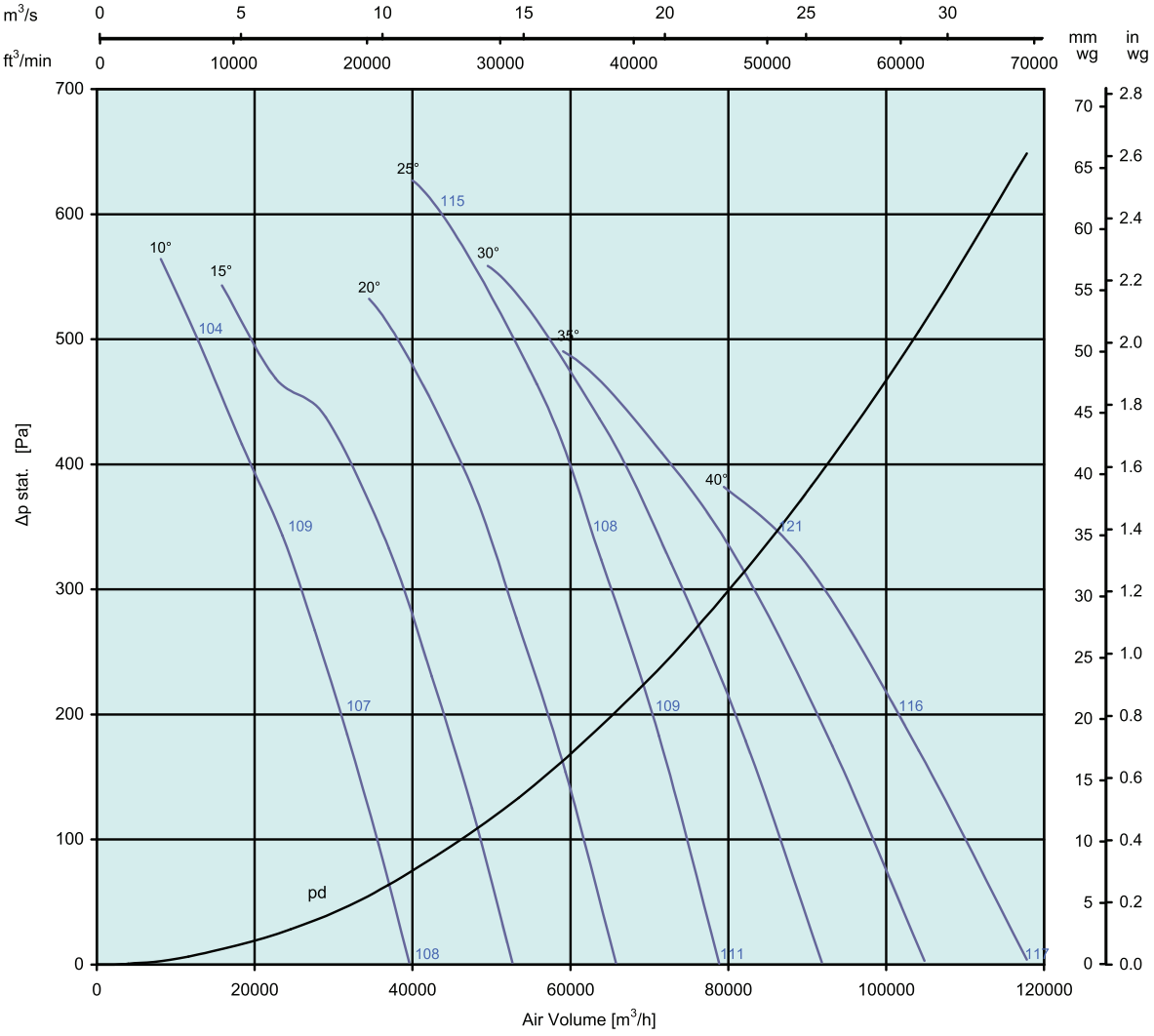
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

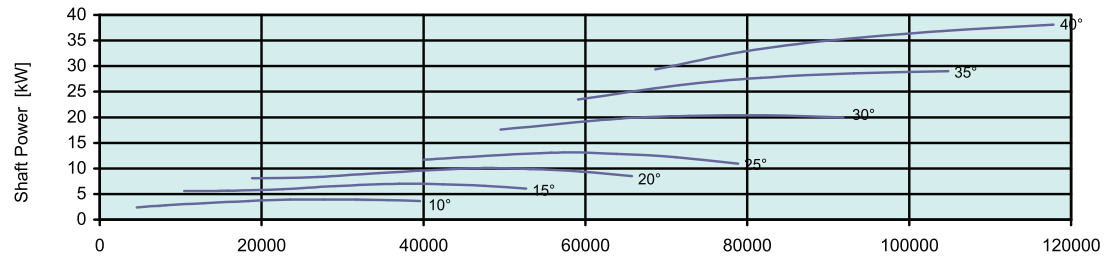
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 1120-6-4, 50Hz 1450 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

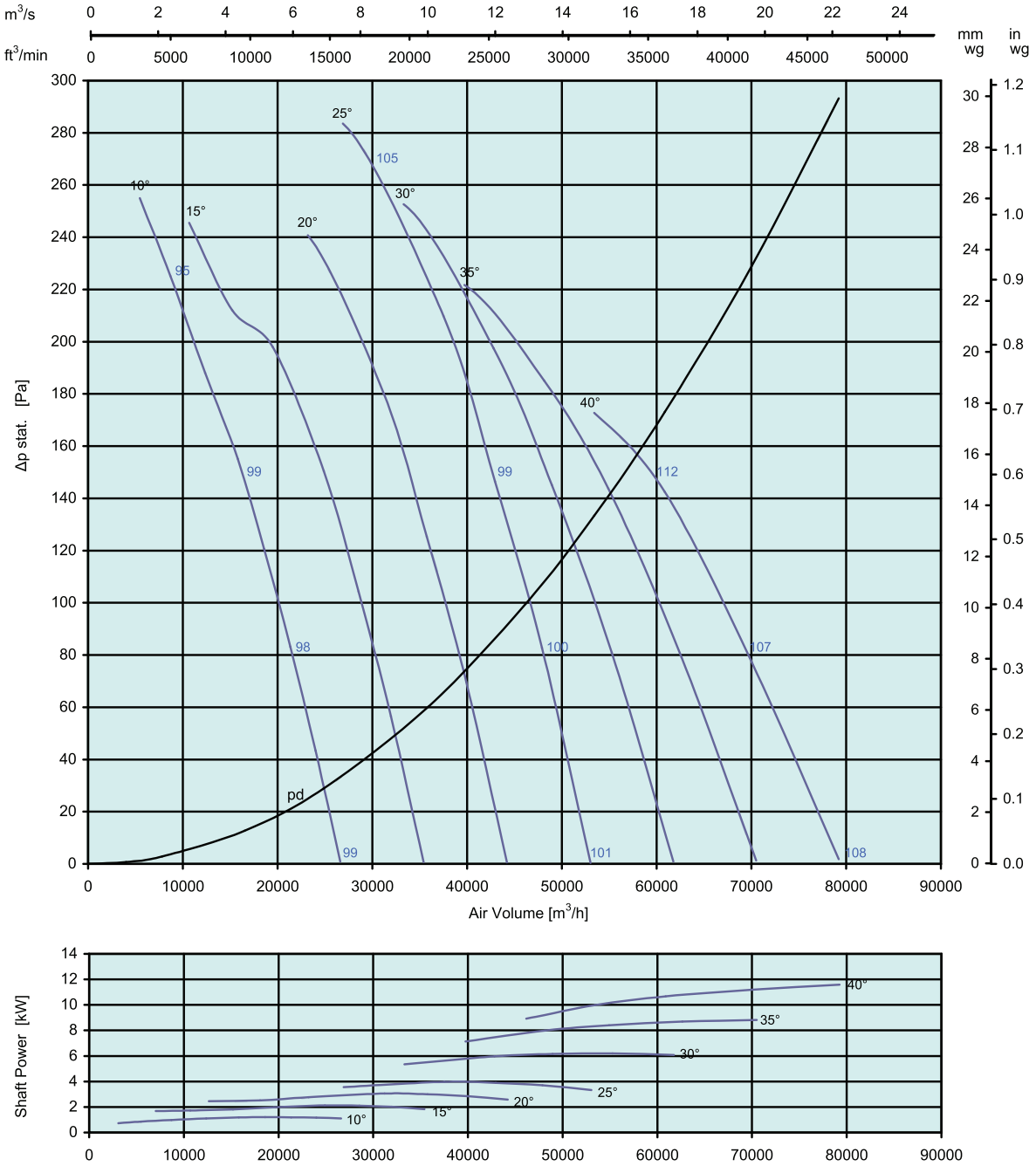
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<300	-15	-12	-9	-4	-4	-9	-14	-16
	<550	-14	-5	-4	-3	-6	-13	-17	-19
25°	<300	-5	-5	-7	-8	-11	-16	-20	-19
	<550	-6	-6	-7	-3	-6	-13	-18	-22
40°	<200	-5	-5	-6	-10	-12	-16	-20	-23
	<370	-7	-4	-5	-11	-13	-17	-21	-25

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1120-6-6, 50Hz 975 rpm

Axial Fan
Hub : 350mm



SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<150	-13	-9	-5	-4	-7	-11	-14	-16
	<220	-9	-4	-5	-4	-10	-16	-19	-20
25°	<150	-5	-5	-7	-9	-13	-17	-19	-18
	<220	-6	-7	-4	-5	-9	-15	-20	-24
40°	<100	-2	-3	-9	-10	-14	-19	-22	-25
	<170	-6	-3	-10	-11	-15	-20	-24	-28

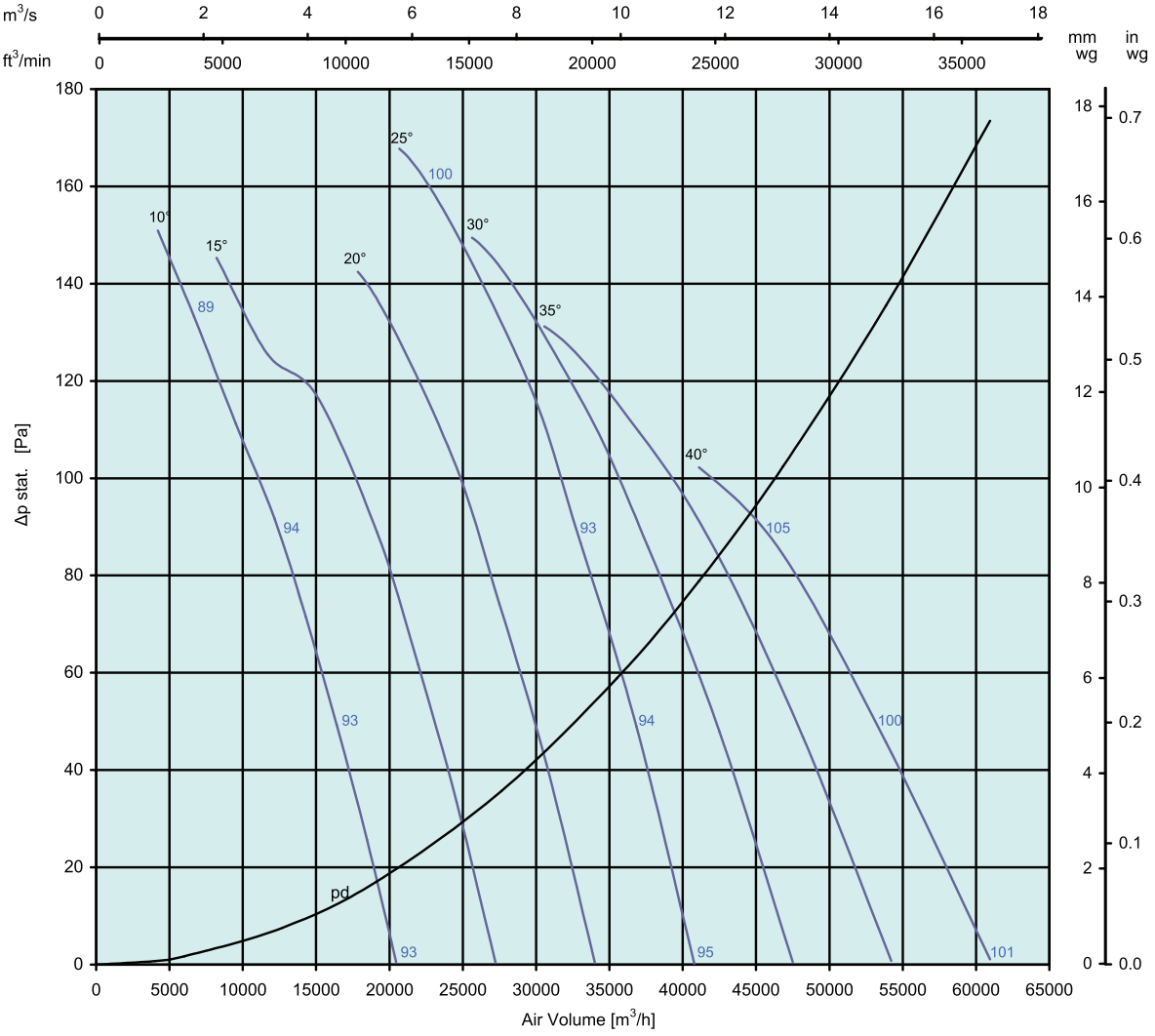
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

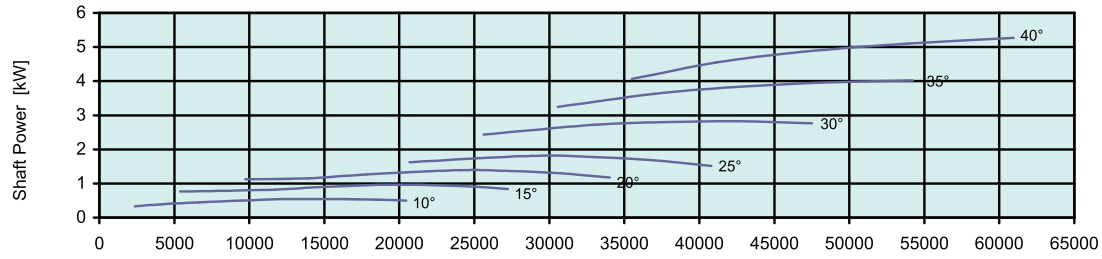
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 1120-6-8, 50Hz 750 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

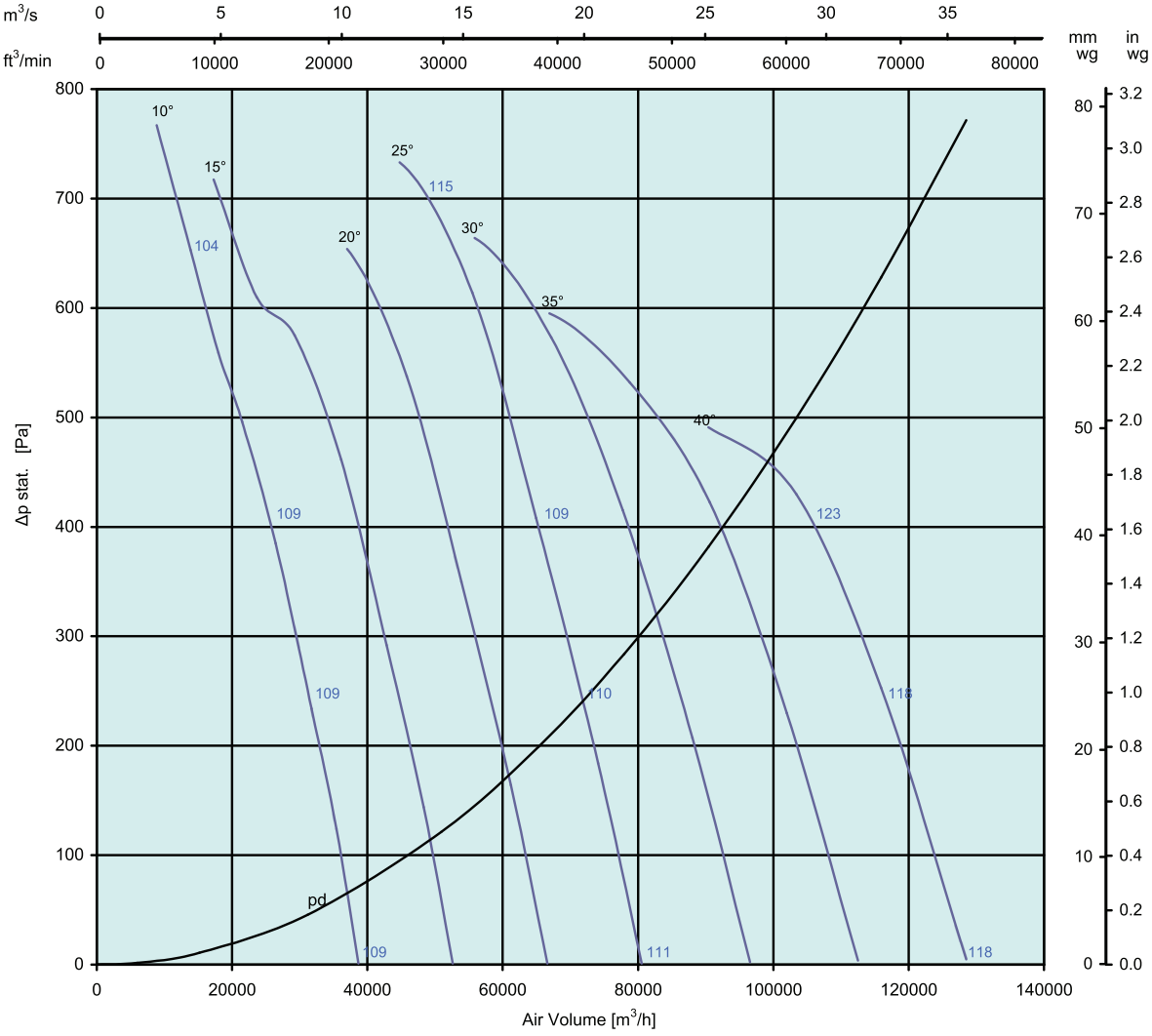
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<80	-12	-8	-5	-4	-9	-13	-15	-17
	<140	-6	-4	-3	-6	-11	-16	-18	-20
25°	<80	-4	-6	-7	-9	-14	-18	-18	-17
	<140	-4	-7	-3	-5	-12	-17	-21	-25
40°	<60	-4	-5	-8	-10	-15	-19	-22	-25
	<100	-4	-4	-10	-12	-16	-20	-24	-28

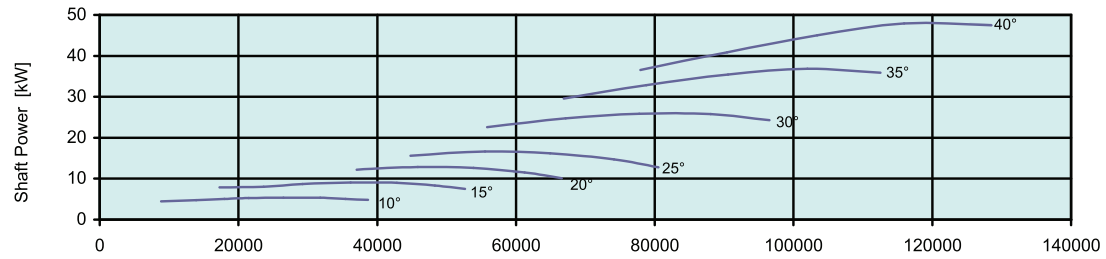
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1120-9-4, 50Hz 1450 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-13	-15	-6	-6	-3	-9	-12	-16
	<700	-9	-9	-3	-5	-6	-12	-16	-19
25°	<400	-5	-10	-5	-7	-8	-11	-15	-17
	<700	-9	-11	-5	-3	-6	-11	-16	-20
40°	<300	-4	-5	-6	-10	-12	-16	-22	-26
	<500	-5	-4	-3	-12	-14	-18	-24	-29

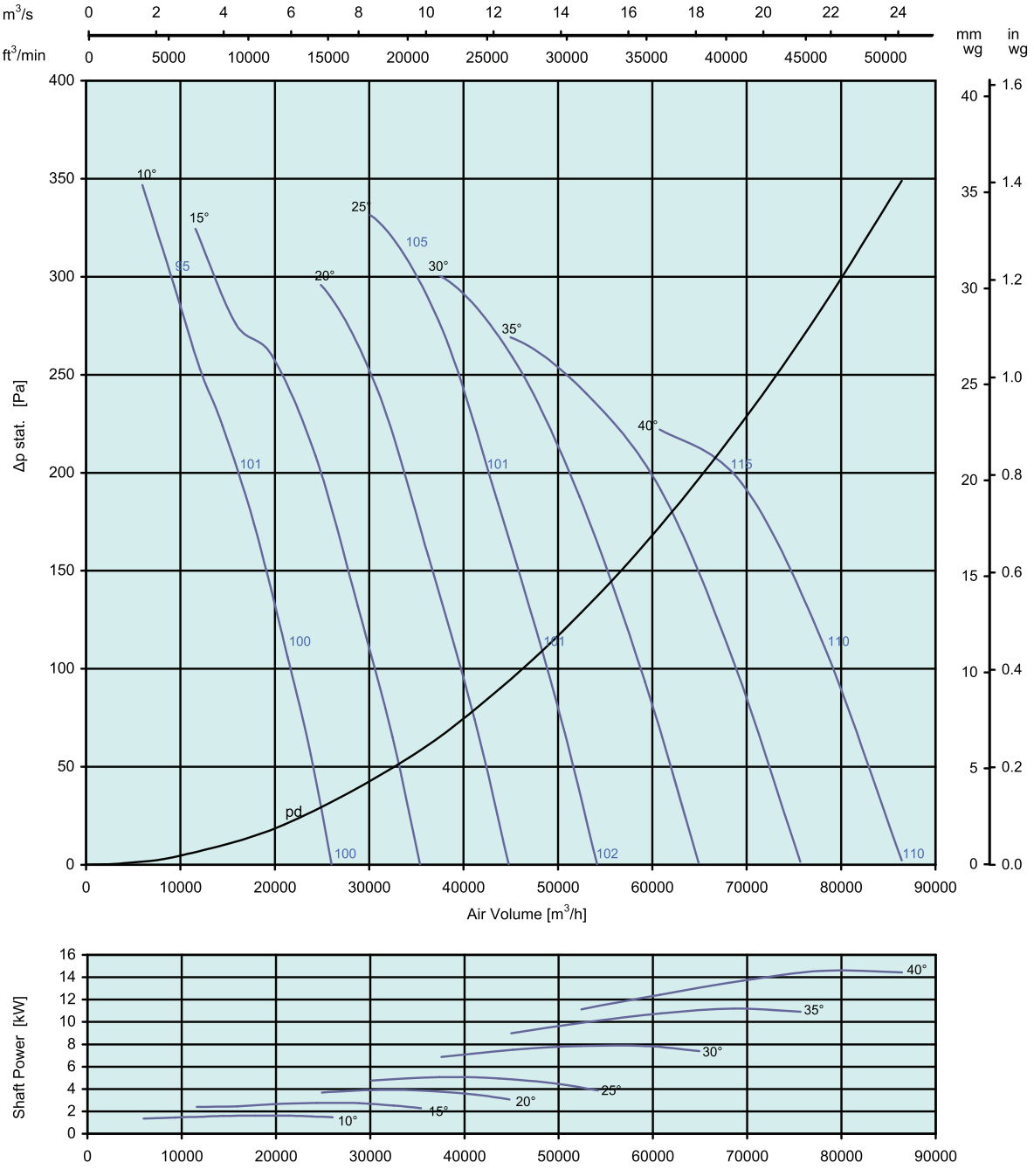
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 1120-9-6, 50Hz 975 rpm

Axial Fan
Hub : 350mm



SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

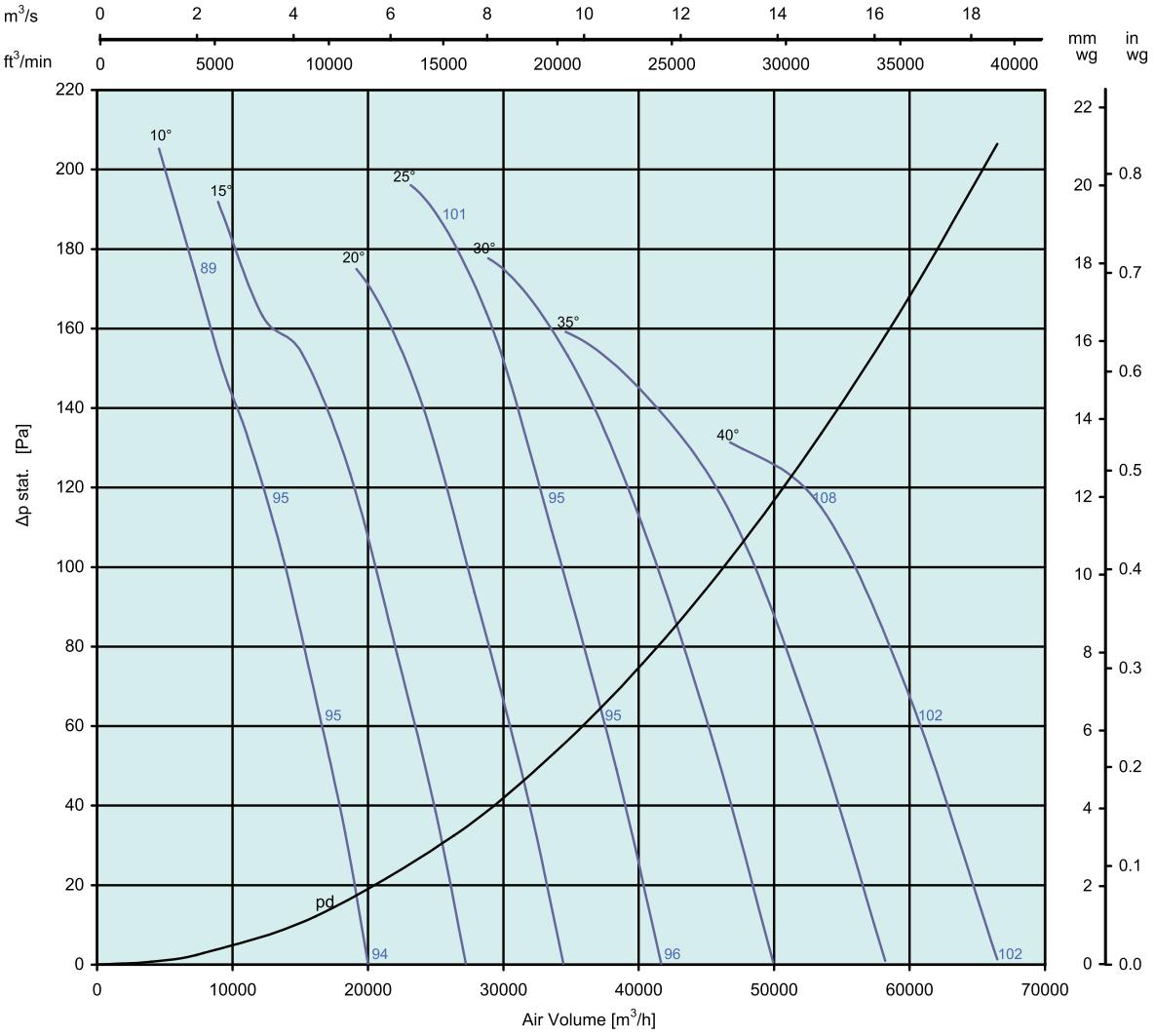
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<180	-14	-7	-6	-4	-7	-10	-14	-18
	<300	-9	-5	-5	-6	-10	-14	-17	-20
25°	<180	-8	-5	-6	-7	-9	-12	16	-17
	<300	-9	-8	-3	-4	-8	-13	-17	-21
40°	<130	-2	-2	-9	-11	-14	-20	-25	-28
	<220	-3	-1	-13	-14	-17	-23	-29	-34

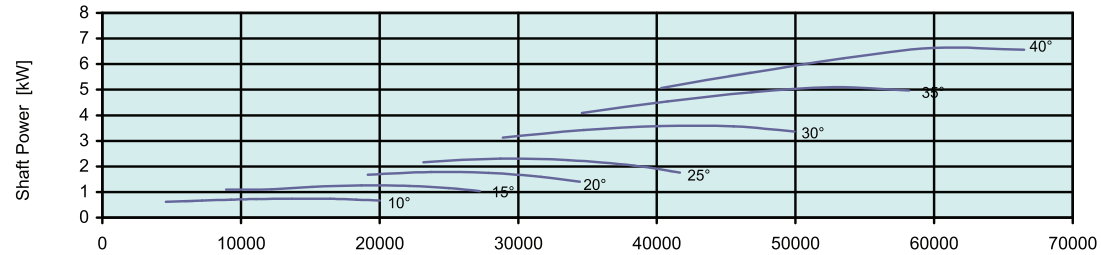
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1120-9-8, 50Hz 750 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

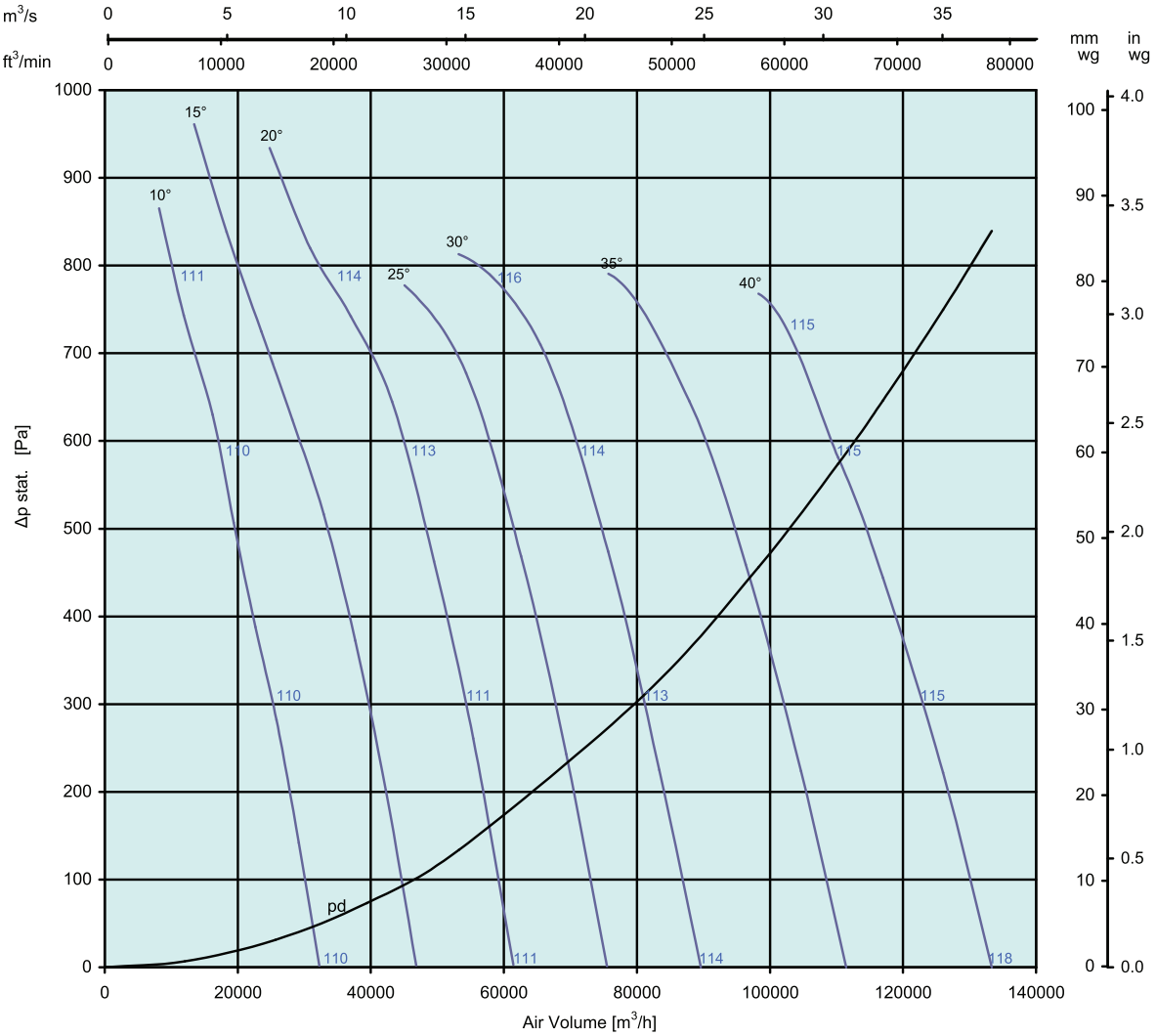
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<100	-14	-5	-5	-3	-8	-11	-15	-19
	<180	-9	-3	-5	-6	-11	-15	-18	-21
25°	<100	-9	-4	-6	-7	-10	-14	-16	-17
	<180	-10	-6	-3	-5	-11	-15	-19	-23
40°	<80	-3	-4	-8	-10	-14	-20	-24	-27
	<120	-3	-2	-11	-12	-16	-21	-25	-28

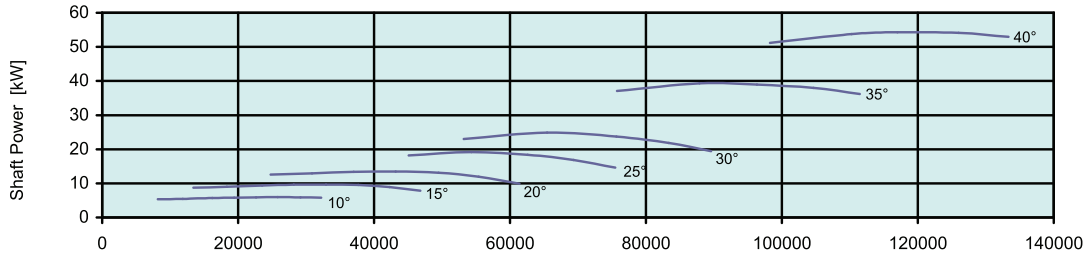
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1120-12-4, 50Hz 1450 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

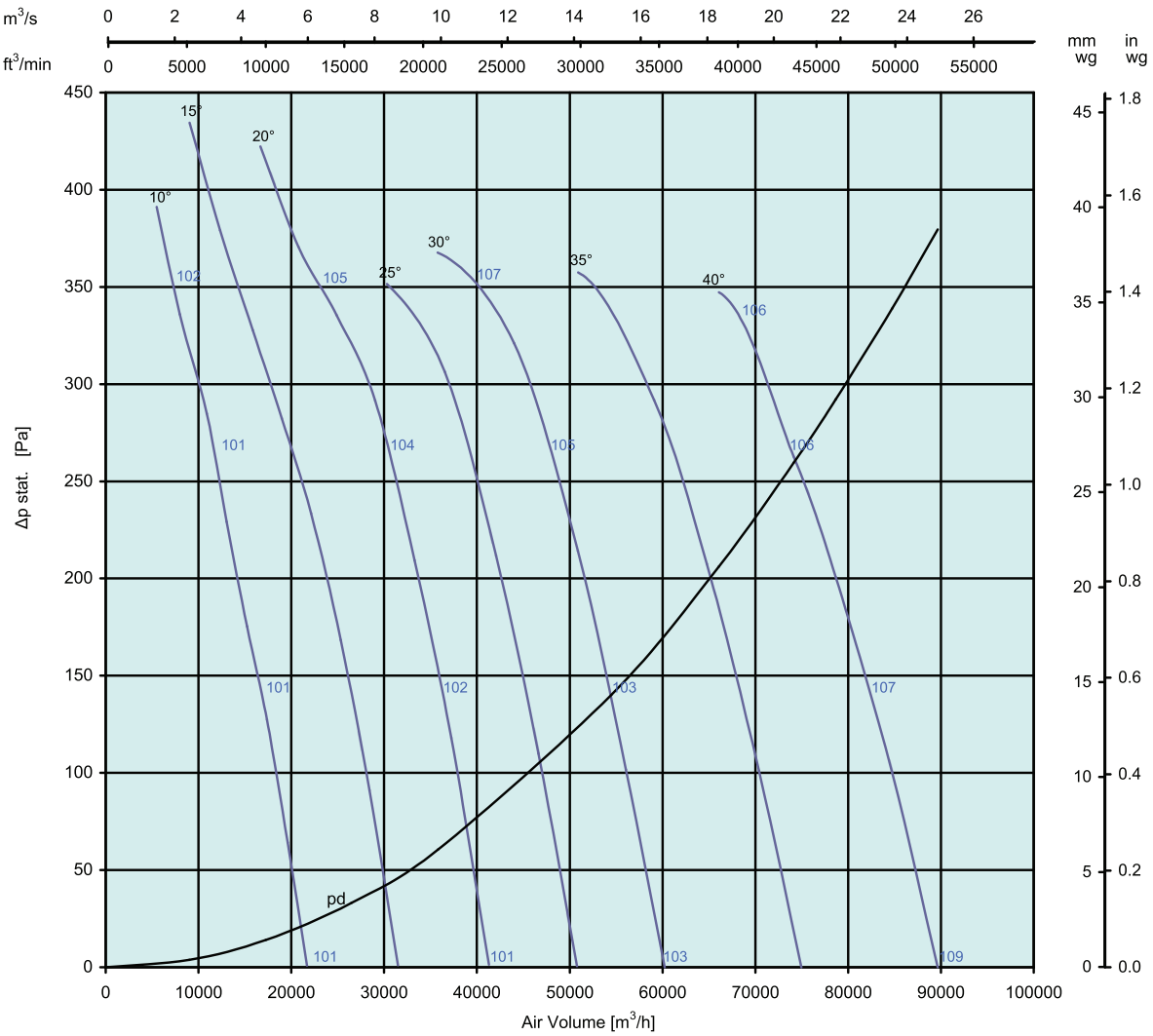
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<500	-14	-18	-2	-5	-5	-10	-14	-17
	<800	-14	-19	-2	-5	-6	-12	-18	-22
20°	<500	-9	-16	-6	-5	-5	-9	-13	-17
	<800	-12	-19	-9	-2	-5	-10	-16	-23
30°	<500	-4	-15	-5	-6	-9	-12	-17	-21
	<800	-7	-15	-6	-3	-7	-13	-18	-23
40°	<500	-4	-6	-9	-7	-9	-13	-19	-22
	<750	-6	-6	-8	-7	-9	-13	-18	-22

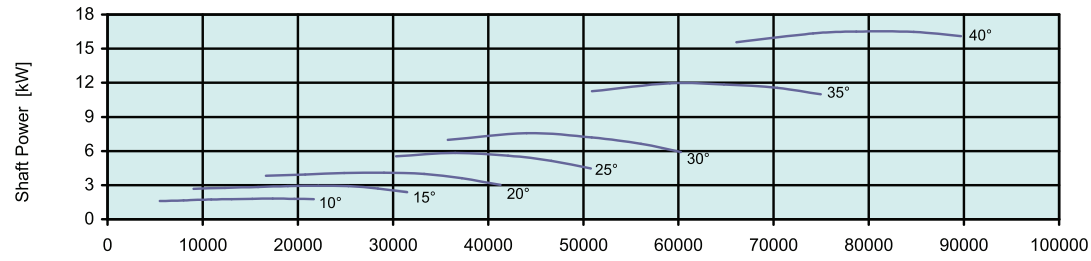
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1120-12-6, 50Hz 975 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<250	-16	-8	-3	-4	-7	-12	-15	-18
	<350	-16	-8	-3	-5	-9	-15	-19	-23
20°	<250	-13	-9	-5	-4	-6	-11	-15	-18
	<350	-16	-13	-5	-3	-7	-14	-20	-26
30°	<250	-8	-7	-4	-6	-9	-13	-18	-21
	<350	-11	-9	-4	-4	-9	-14	-20	-24
40°	<250	-2	-10	-6	-8	-11	-17	-21	-23
	<320	-4	-8	-6	-8	-11	-15	-21	-23

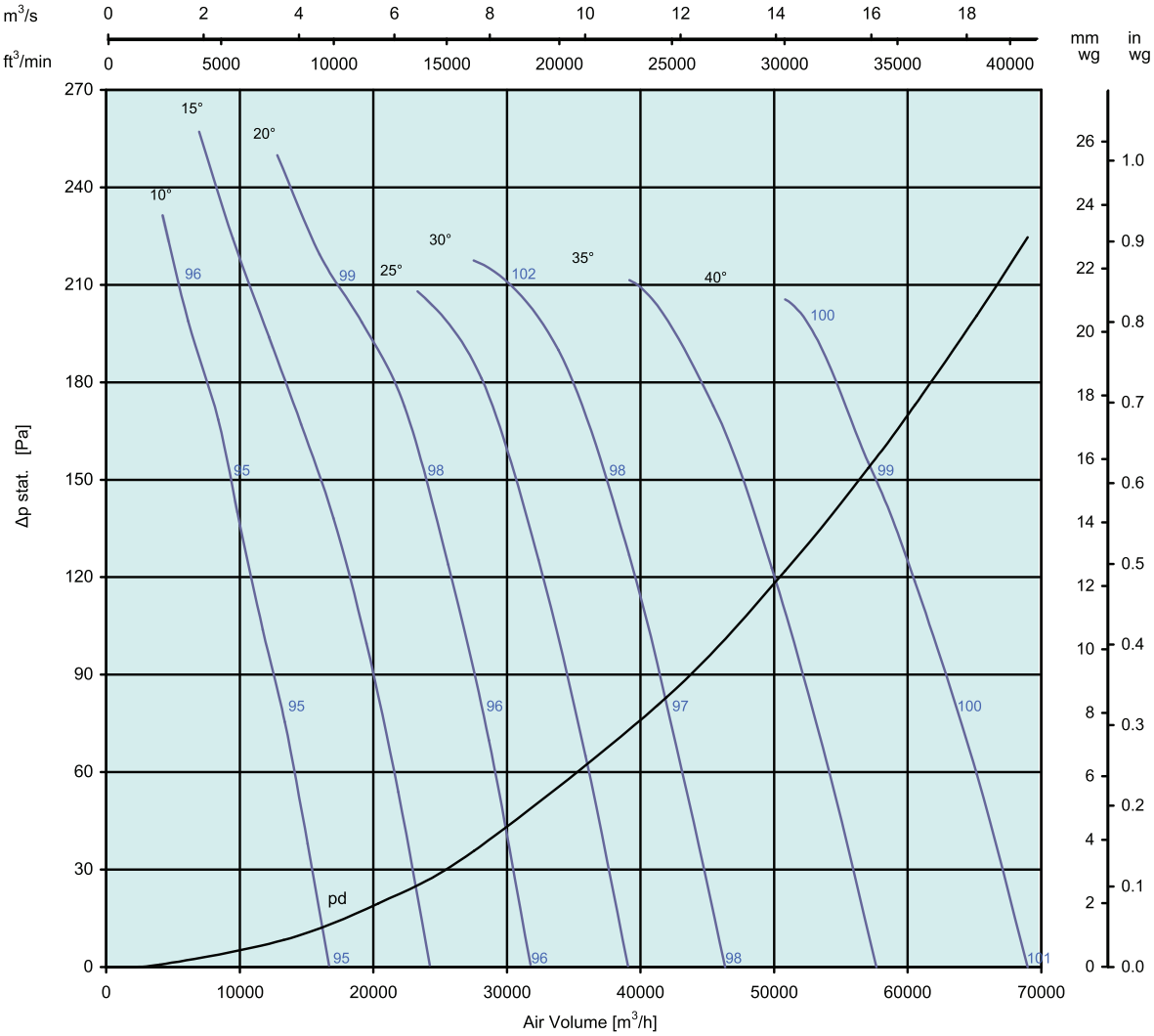
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

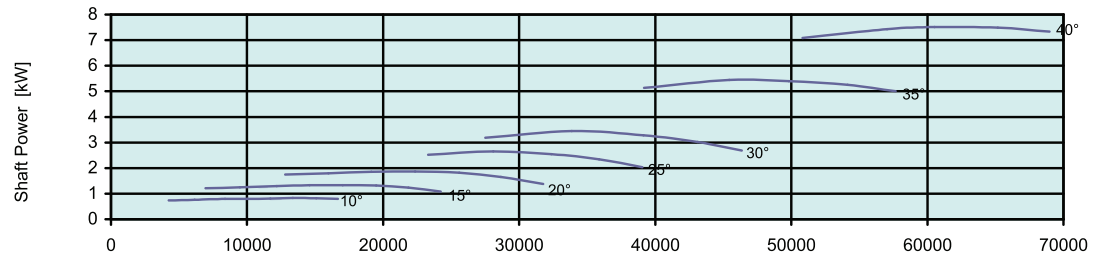
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 1120-12-8, 50Hz 750 rpm

Axial Fan
Hub : 350mm





SOUND DATA

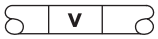
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<130	-17	-2	-5	-4	-9	-13	-16	-19
	<210	-18	-2	-5	-6	-12	-17	-21	-25
20°	<130	-16	-5	-5	-4	-8	-13	-16	-19
	<210	-19	-9	-2	-5	-10	-16	-22	-26
30°	<130	-13	-3	-5	-7	-10	-15	-19	-22
	<210	-15	-6	-3	-7	-11	-17	-21	-24
40°	<130	-3	-8	-6	-8	-12	-17	-22	-24
	<180	-5	-7	-6	-8	-12	-17	-21	-23

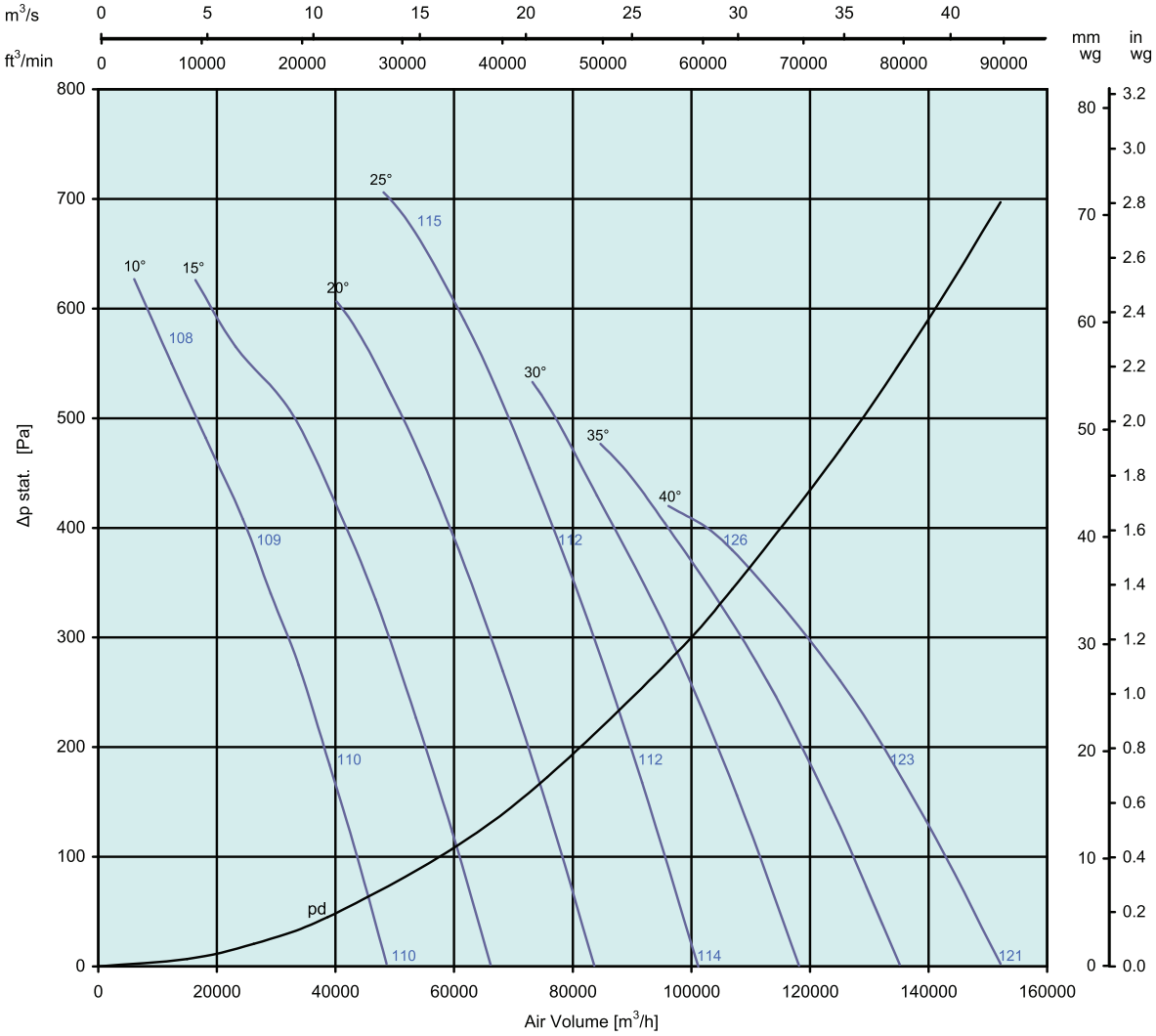
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

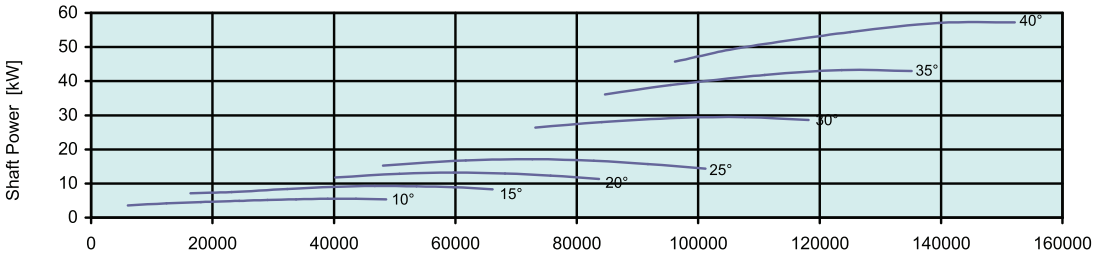
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1250-6-4, 50Hz 1450 rpm



Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<300	-12	-10	-6	-5	-6	-8	-12	-17
	<500	-4	-6	-5	-6	-8	-12	-16	-20
25°	<300	-6	-6	-6	-8	-9	-13	-18	-21
	<700	-8	-7	-6	-4	-7	-11	-16	-21
40°	<250	-6	-3	-9	-11	-13	-17	-21	-26
	<400	-6	-3	-9	-13	-16	-19	-24	-29

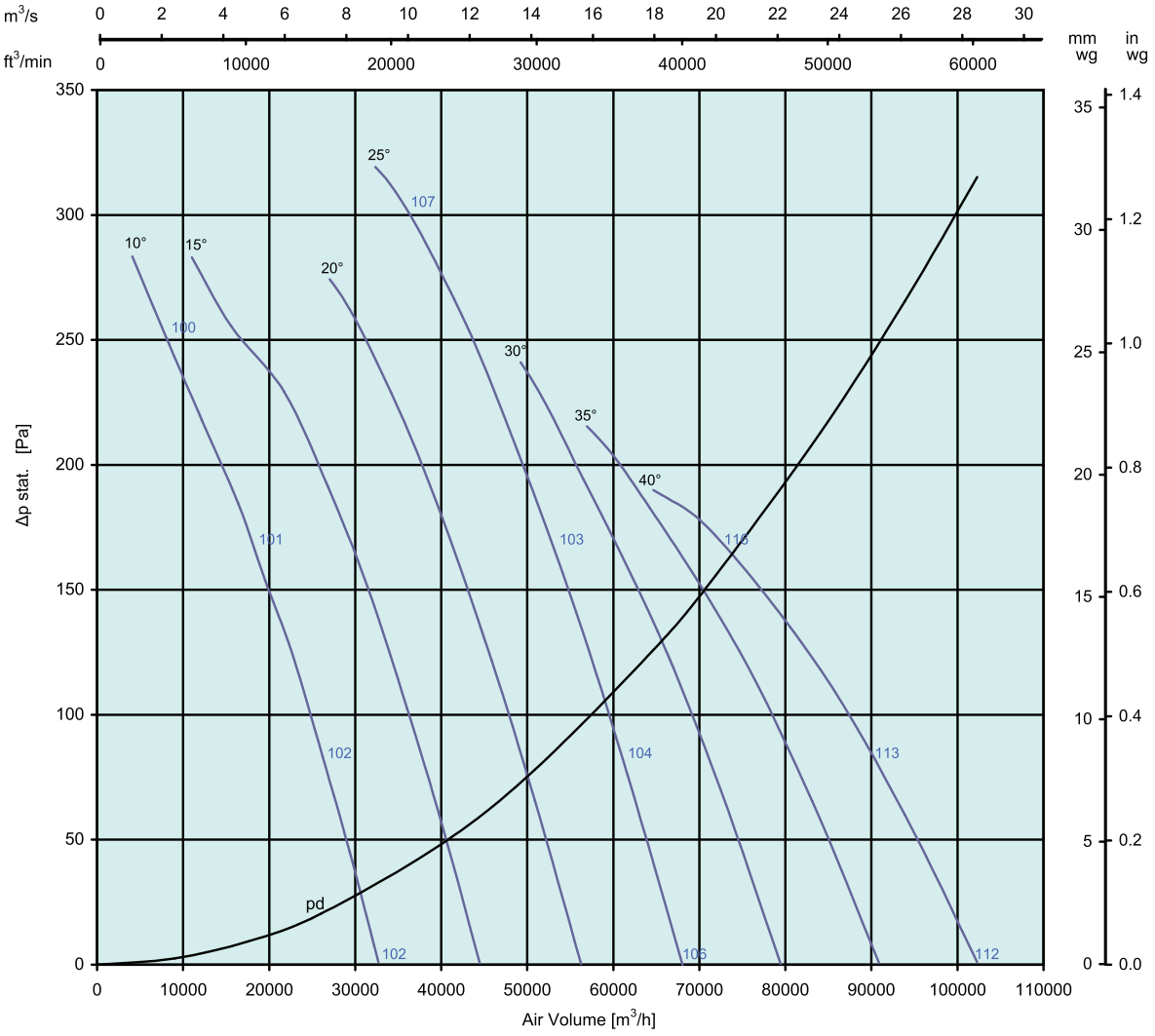
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

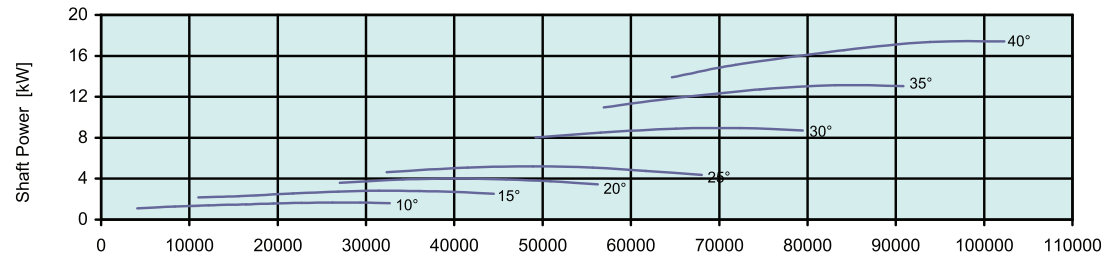
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 1250-6-6, 50Hz 975 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

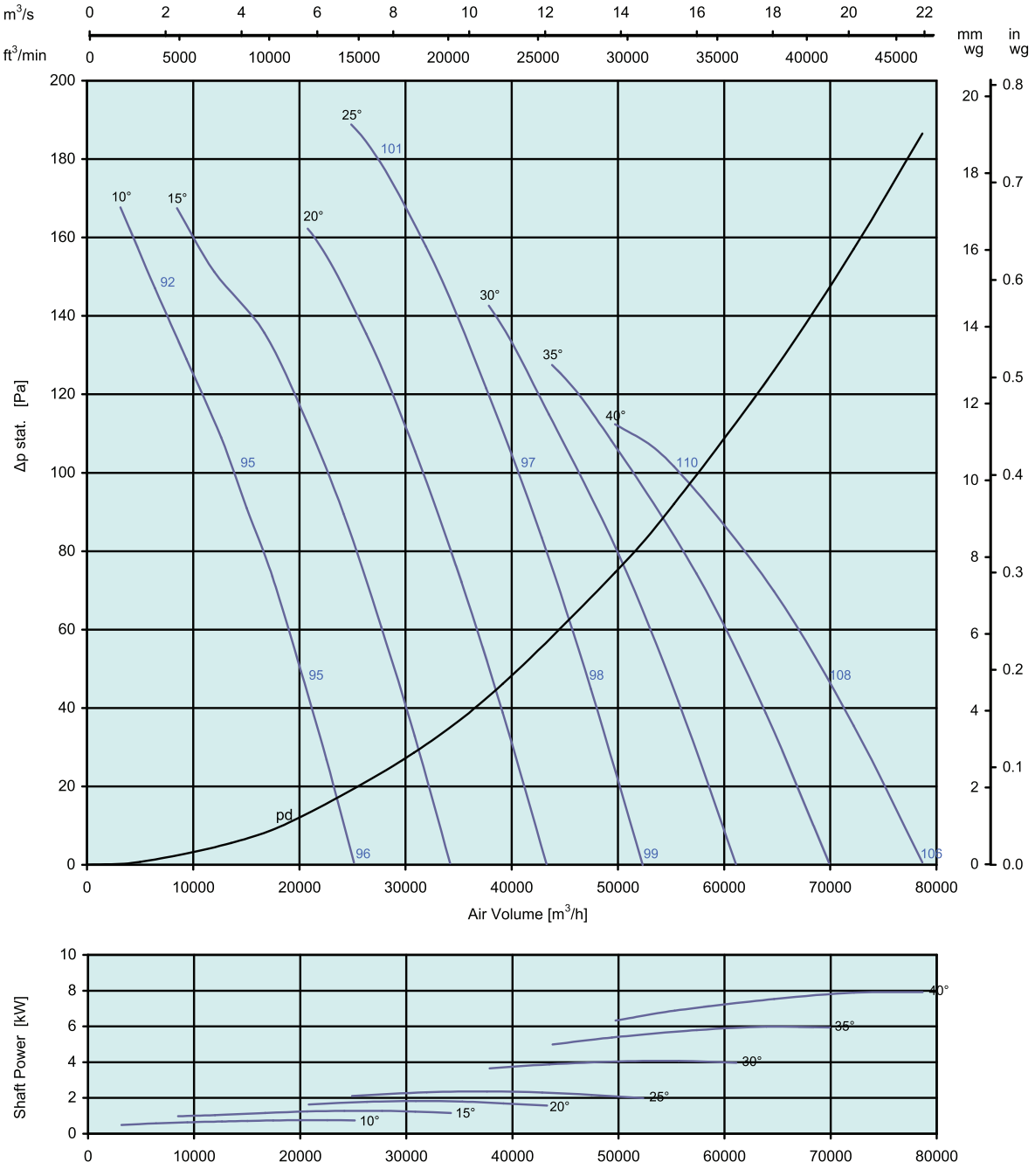
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<150	-10	-8	-5	-5	-6	-11	-12	-23
	<250	-3	-5	-5	-8	-10	-16	-16	-26
25°	<150	-4	-5	-7	-7	-11	-16	-18	-25
	<300	-6	-6	-4	-5	-9	-14	-19	-24
40°	<110	-3	-5	-10	-12	-15	-19	-23	-27
	<180	-3	-4	-11	-16	-21	-21	-26	-30

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1250-6-8, 50Hz 750 rpm

Axial Fan
Hub : 350mm



SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<80	-9	-6	-5	-5	-8	-11	-16	-27
	<130	-4	-5	-6	-8	-12	-15	-19	-27
25°	<80	-5	-5	-7	-8	-12	-17	-20	-26
	<180	-6	-6	-4	-6	-10	-15	-20	-25
40°	<60	-1	-7	-10	-12	-15	-20	-25	-28
	<100	-1	-8	-12	-14	-17	-23	-27	-32

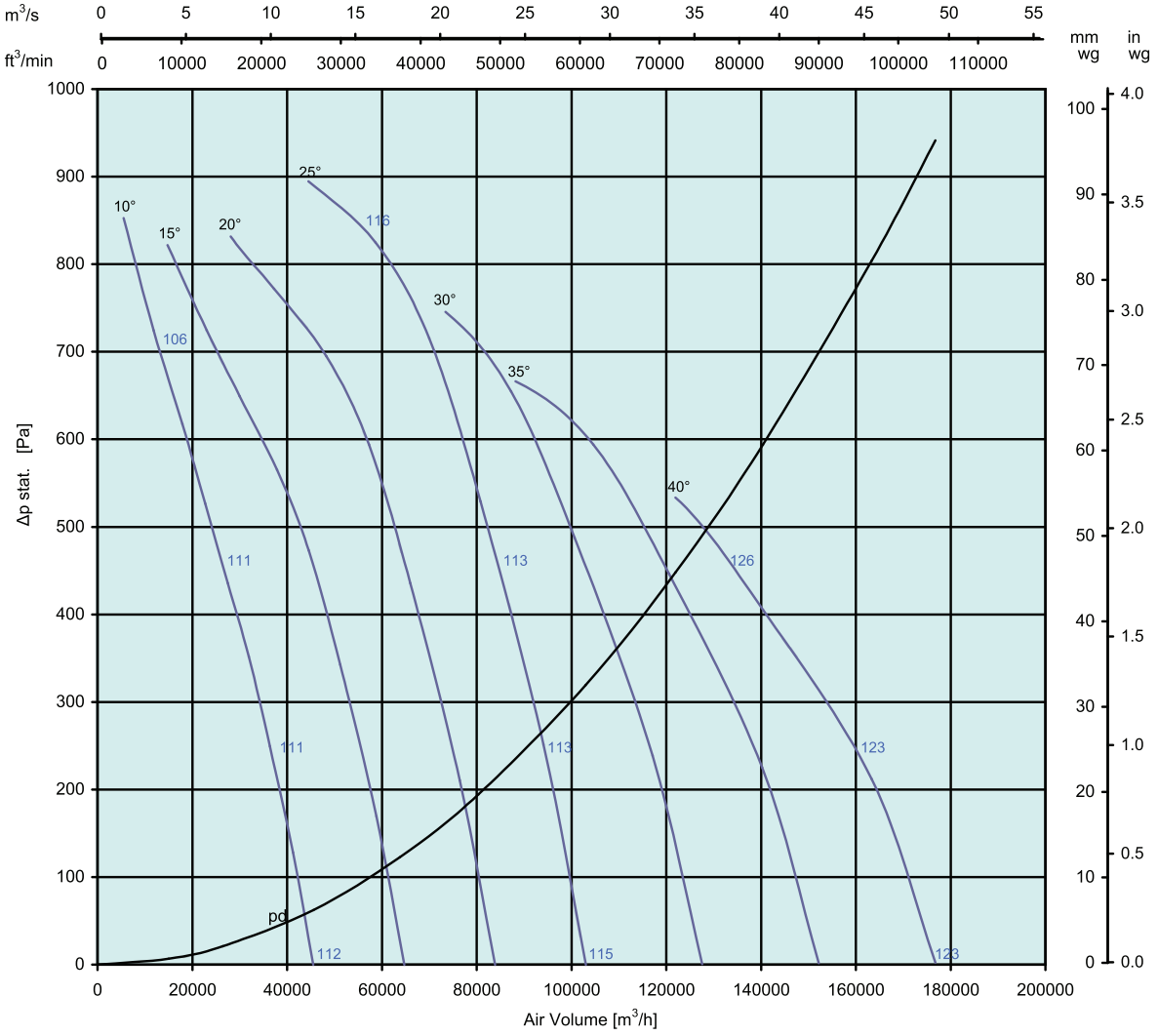
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

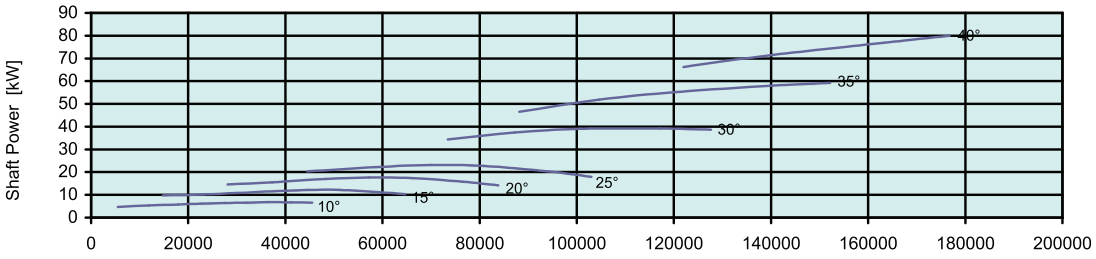
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 1250-9-4, 50Hz 1450 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

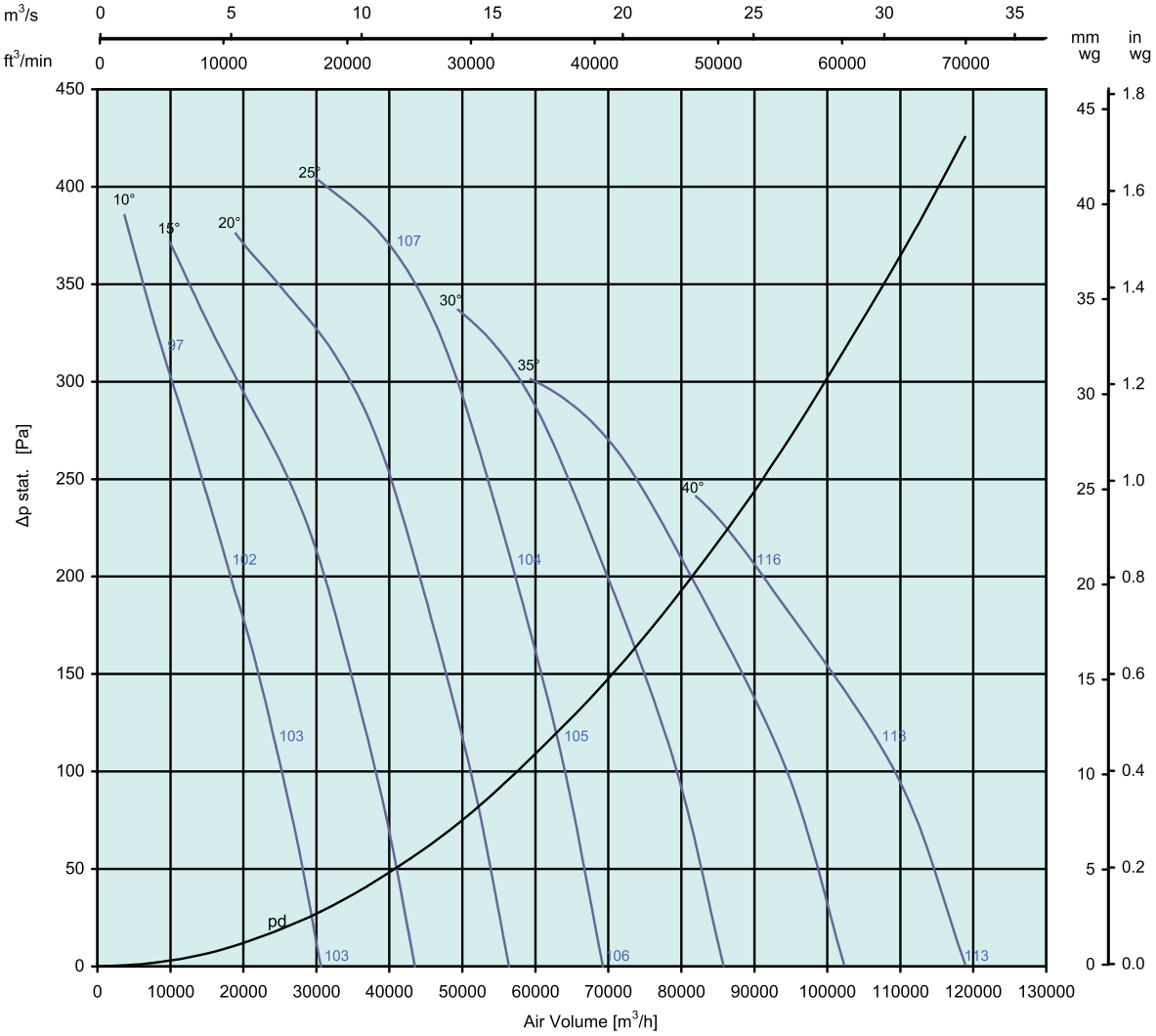
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-11	-9	-5	-4	-5	-8	-12	-17
	<700	-7	-6	-4	-6	-9	-11	-13	-18
25°	<400	-6	-6	-9	-7	-9	-11	-15	-19
	<800	-7	-7	-9	-4	-6	-9	-13	-20
40°	<300	-6	-3	-9	-10	-12	-15	-21	-26
	<500	-6	-3	-8	-11	-13	-16	-22	-28

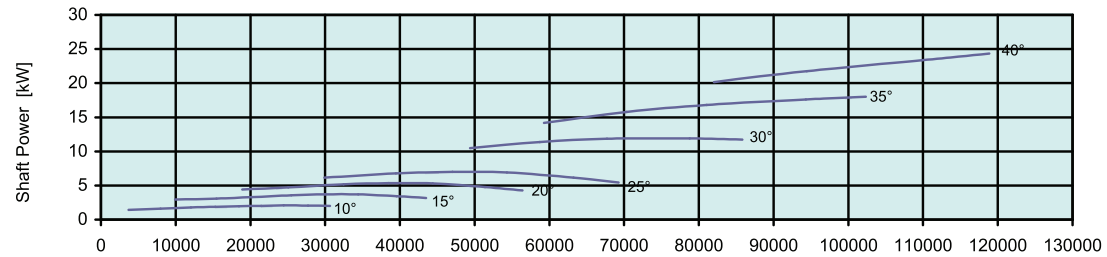
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1250-9-6, 50Hz 975 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<200	-10	-5	-4	-5	-7	-12	-13	-23
	<300	-5	-5	-6	-9	-10	-12	-13	-23
25°	<200	-4	-9	-6	-8	-9	-12	-16	-23
	<350	-6	-10	-5	-5	-8	-10	-16	-24
40°	<140	-3	-7	-9	-10	-13	-17	-22	-27
	<220	-3	-6	-9	-11	-14	-18	-24	-29

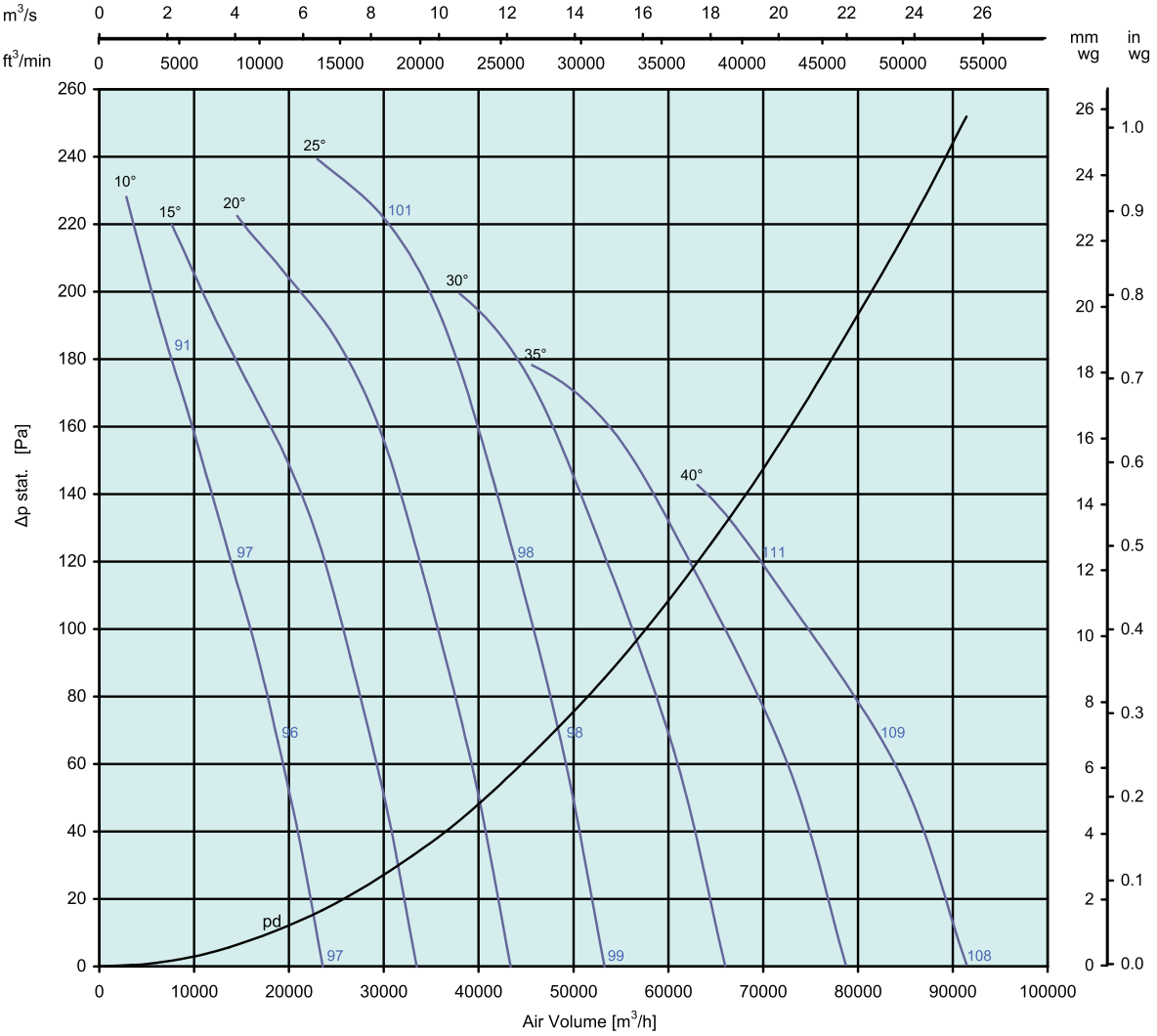
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

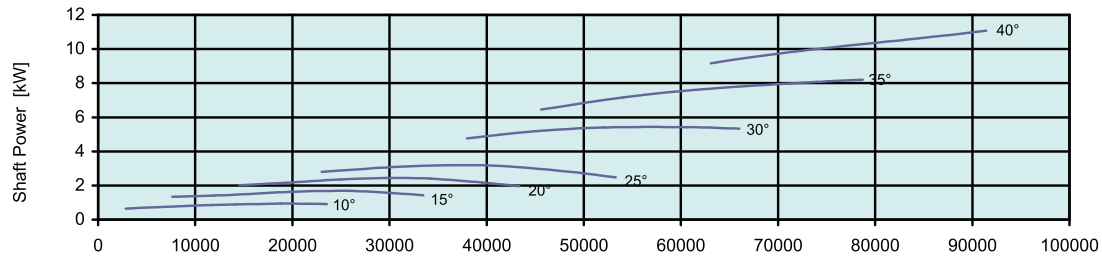
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 1250-9-8, 50Hz 750 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

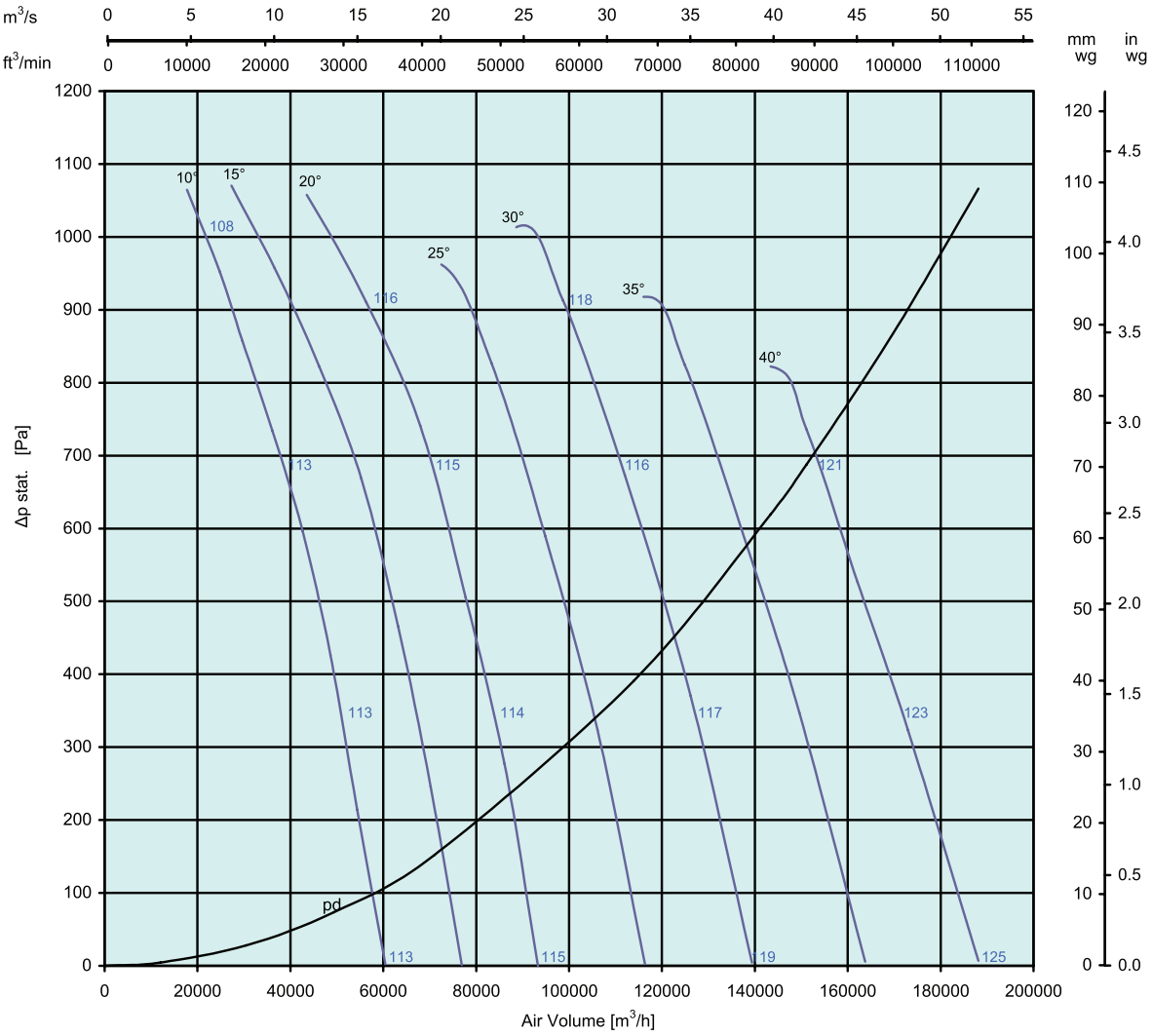
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<120	-9	-4	-4	-5	-8	-12	-16	-27
	<180	-5	-4	-6	-9	-10	-12	-16	-26
25°	<120	-5	-8	-6	-8	-10	-13	-18	-24
	<220	-6	-9	-4	-5	-9	-12	-19	-26
40°	<80	-2	-8	-9	-10	-14	-19	-24	-29
	<130	-2	-7	-10	-12	-15	-21	-26	-30

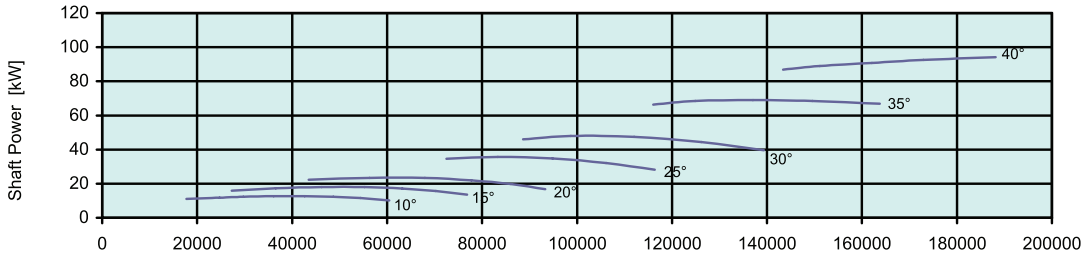
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

AXC(A) 1250-12-4, 50Hz 1450 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<500	-14	-12	-9	-5	-5	-7	-11	-16
	<1000	-13	-8	-6	-4	-6	-9	-14	-18
20°	<500	-10	-9	-8	-5	-6	-8	-13	-17
	<1000	-13	-11	-7	-5	-6	-8	-13	-19
30°	<500	-5	-7	-8	-6	-10	-13	-17	-22
	<950	-7	-8	-7	-5	-7	-11	-16	-21
40°	<500	-5	-3	-10	-12	-13	-16	-21	-26
	<800	-6	-4	-9	-10	-11	-14	-19	-24

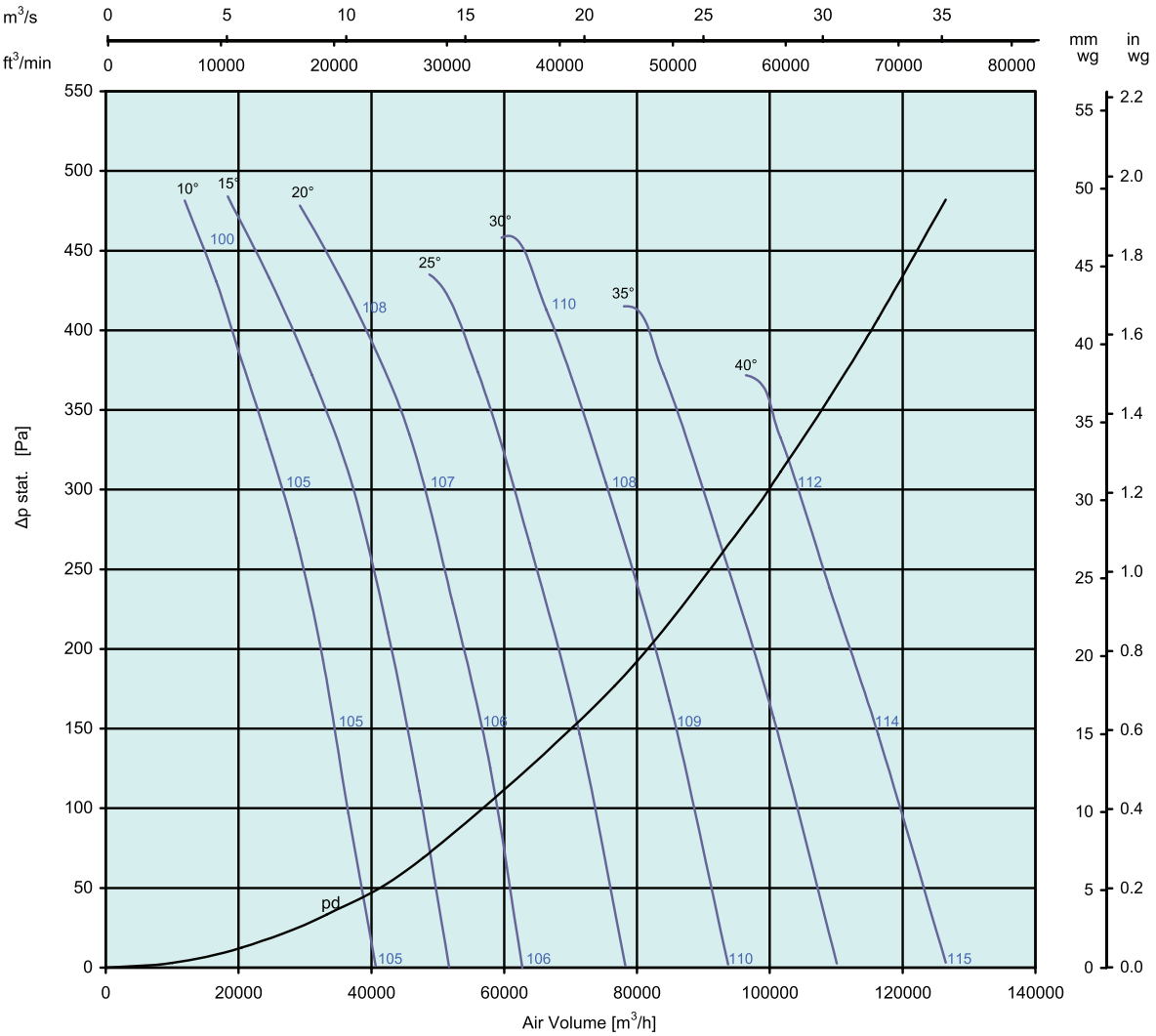
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

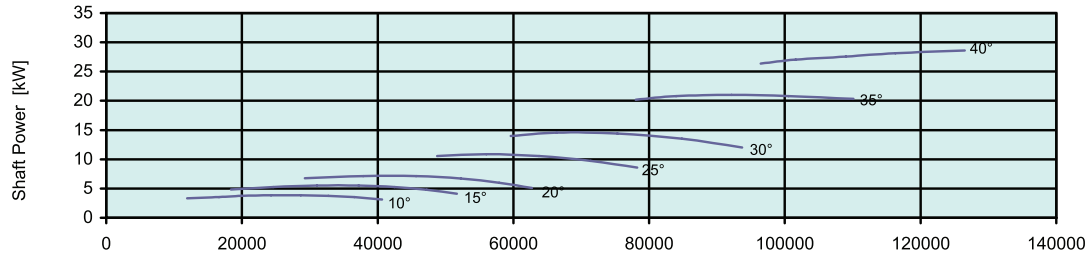
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 1250-12-6, 50Hz 975 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

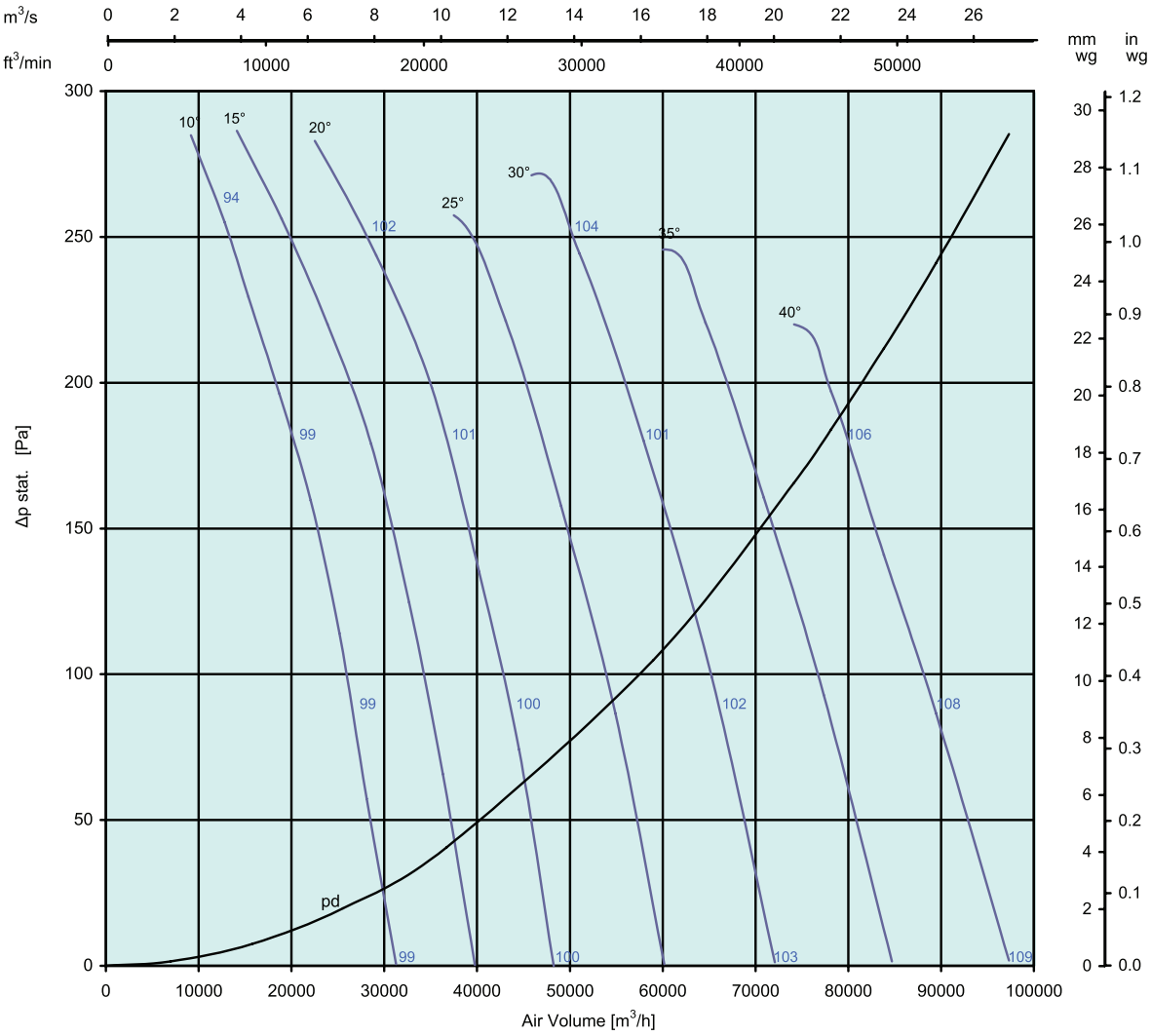
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<250	-13	-12	-6	-5	-6	-10	-12	-21
	<450	-12	-5	-4	-6	-8	-12	-16	-22
20°	<250	-8	-12	-5	-6	-6	-11	-15	-22
	<450	-13	-10	-4	-5	-8	-12	-18	-24
30°	<250	-5	-11	-5	-8	-12	-15	-19	-25
	<420	-6	-10	-5	-5	-8	-14	-18	-24
40°	<250	-2	-6	-8	-10	-13	-17	-22	-26
	<350	-4	-6	-8	-10	-12	-16	-21	-26

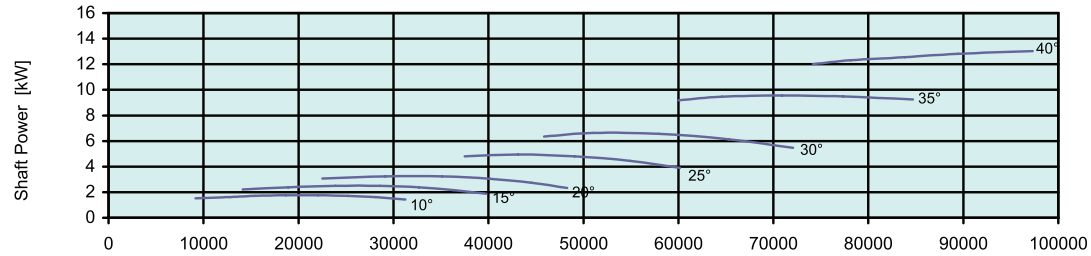
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet.
  Ratings include the effects of duct end correction.

AXC(A) 1250-12-8, 50Hz 750 rpm

Axial Fan
Hub : 350mm





SOUND DATA

Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<150	-12	-8	-5	-5	-7	-11	-15	-24
	<280	-9	-5	-4	-6	-9	-13	-18	-24
20°	<150	-9	-8	-5	-6	-7	-12	-17	-24
	<280	-10	-7	-4	-6	-9	-14	-19	-26
30°	<150	-5	-7	-5	-8	-12	-16	-20	-26
	<250	-7	-7	-4	-6	-10	-15	-19	-25
40°	<150	-1	-8	-10	-11	-14	-19	-24	-28
	<200	-3	-8	-9	-10	-13	-18	-23	-28

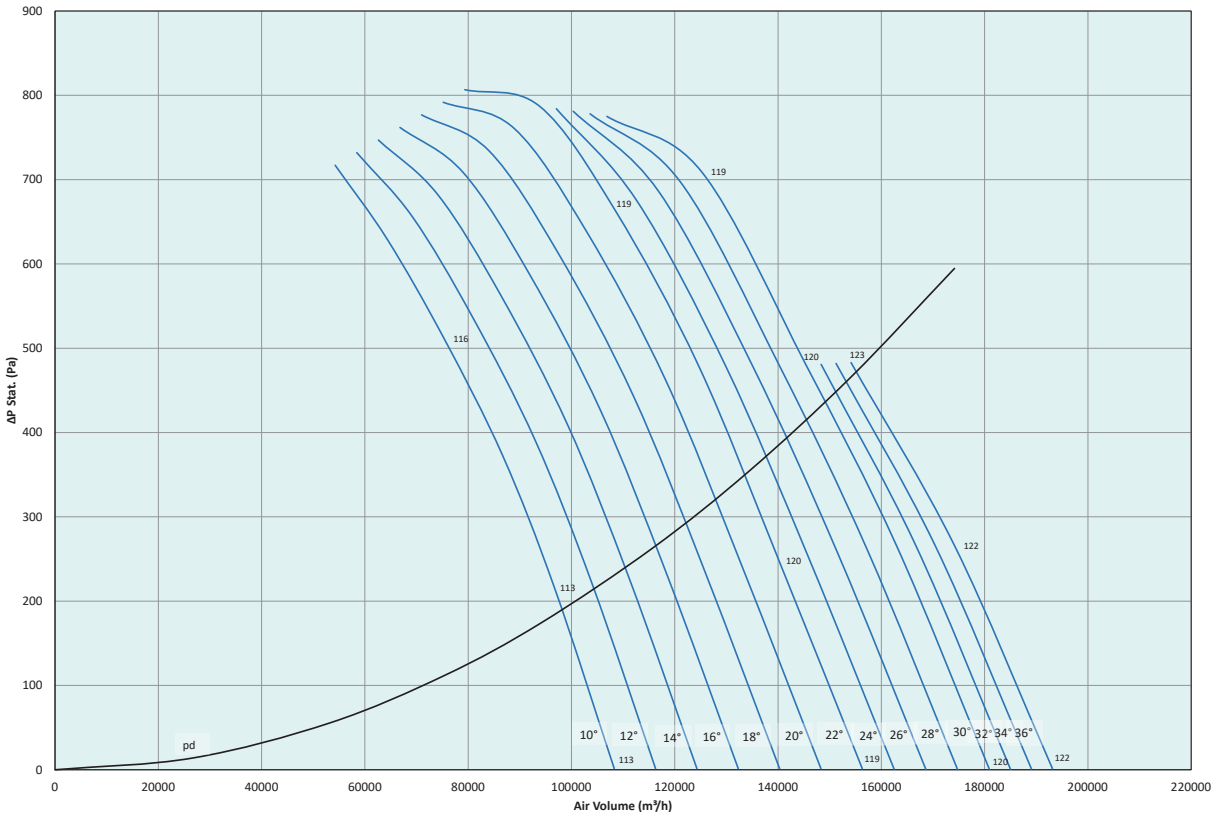
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

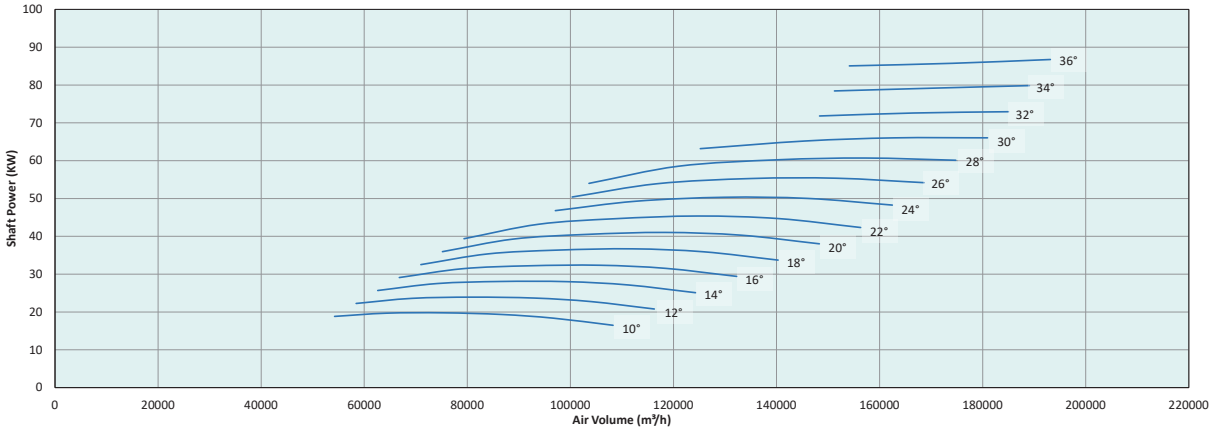
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

systemair

AXC(A) 1400-6-4, 50Hz 1450 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-5	-5	-12	-12	-11	-8	-15	-16
	215	-5	-5	-12	-13	-12	-9	-15	-16
	507	-8	-8	-14	-5	-8	-8	-16	-21
22°	0	-3	-3	-15	-17	-19	-17	-23	-24
	238	-3	-4	-14	-18	-20	-17	-22	-24
	649	-5	-3	-16	-17	-16	-15	-19	-21
30°	0	-4	-4	-14	-17	-17	-14	-20	-21
	472	-4	-3	-14	-17	-17	-13	-16	-20
	699	-5	-4	-15	-16	-15	-12	-15	-19
36°	0	-4	-4	-15	-17	-18	-15	-16	-21
	265	-4	-3	-15	-16	-17	-13	-16	-20
	480	-5	-5	-9	-12	-14	-14	-20	-24

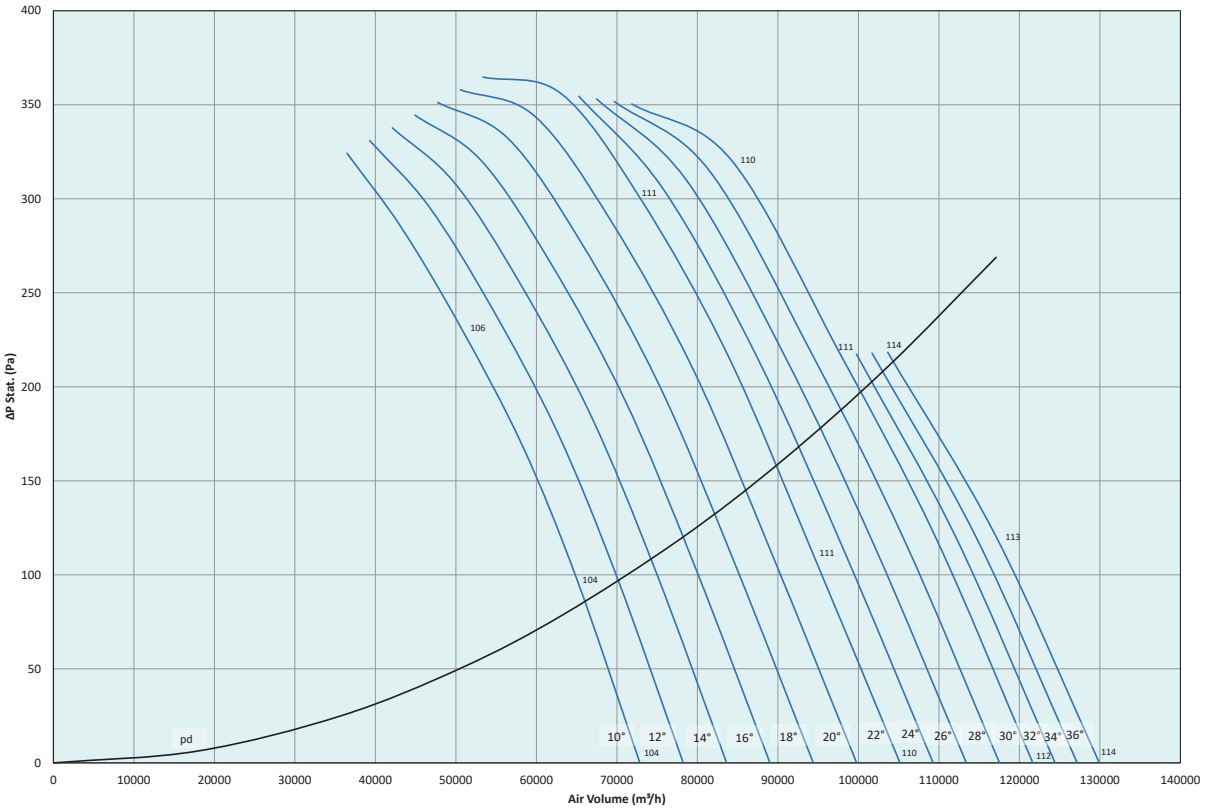
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

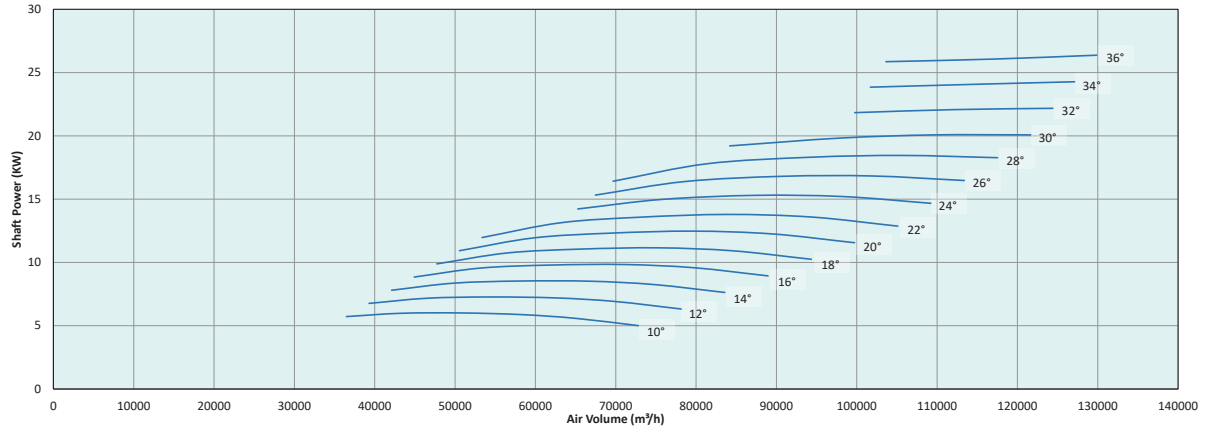
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

FEG 67

AXC(A) 1400-6-6, 50Hz 975 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-5	-5	-12	-11	-9	-12	-15	-21
	97	-5	-5	-12	-12	-10	-12	-15	-21
	229	-7	-7	-8	-6	-7	-12	-19	-25
22°	0	-3	-3	-16	-18	-18	-21	-23	-26
	108	-3	-4	-16	-19	-18	-20	-23	-26
	293	-5	-3	-16	-16	-15	-17	-20	-22
30°	0	-4	-4	-15	-17	-15	-17	-20	-22
	214	-4	-3	-16	-17	-15	-15	-19	-21
	316	-4	-3	-15	-15	-13	-13	-17	-20
36°	0	-4	-4	-16	-17	-16	-15	-19	-22
	120	-4	-3	-16	-17	-15	-15	-19	-22
	217	-4	-5	-10	-12	-13	-16	-21	-25

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

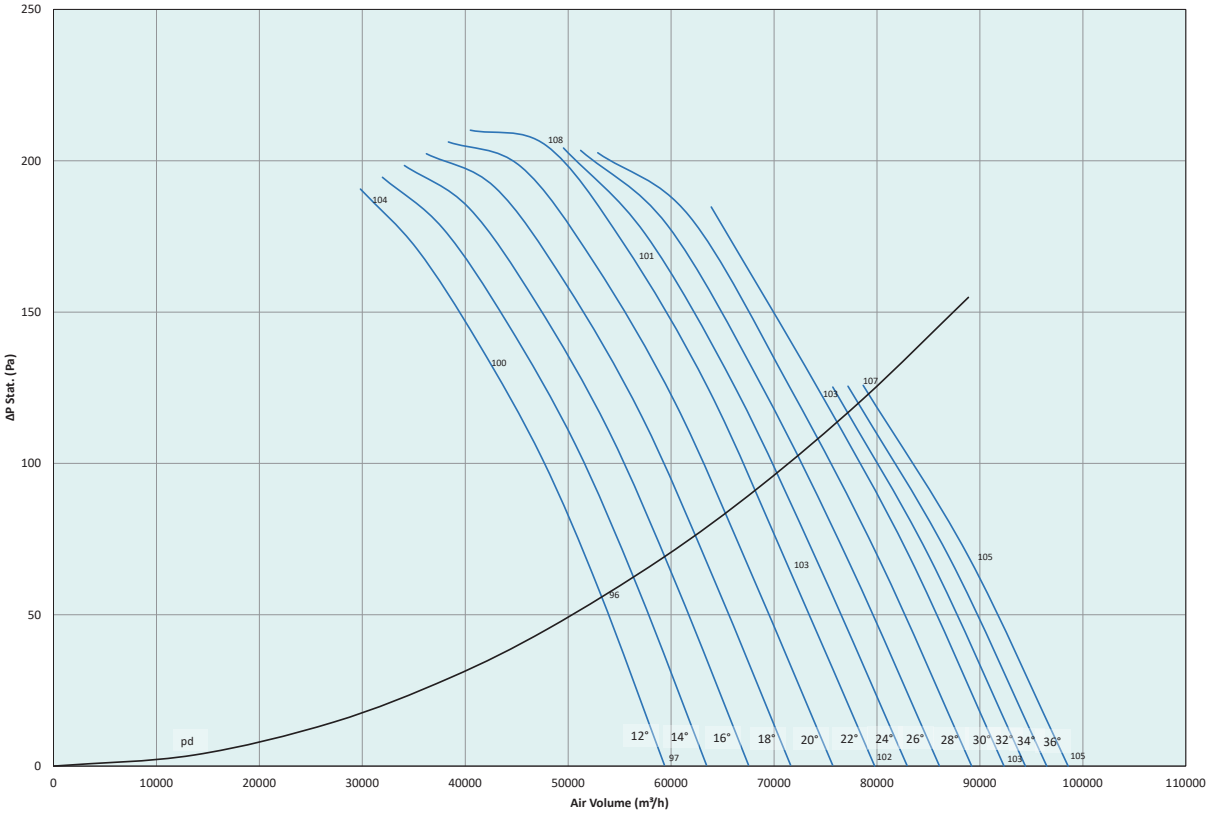
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

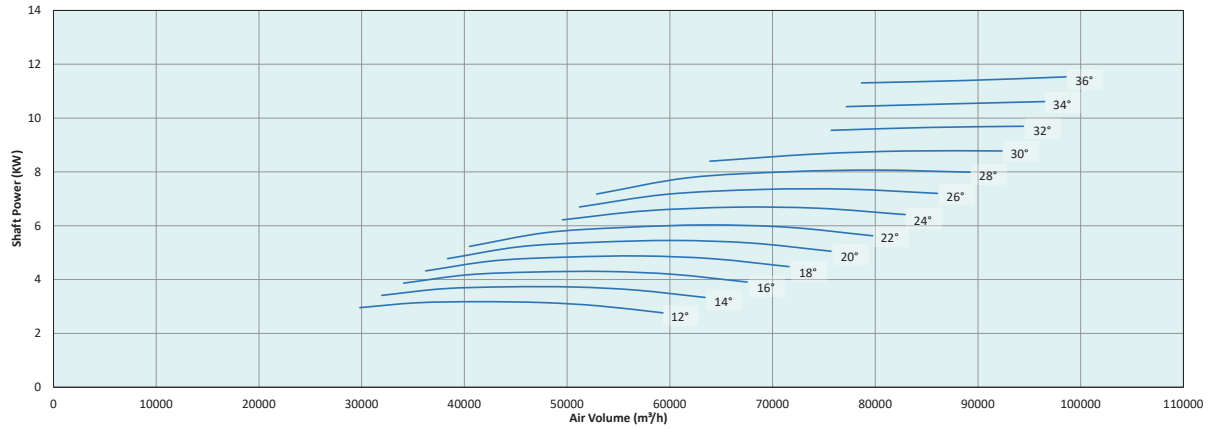
FEG 67

systemair

AXC(A) 1400-6-8, 50Hz 740 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
12°	0	-4	-11	-11	-10	-7	-14	-14	-24
	56	-3	-10	-11	-10	-7	-13	-14	-23
	132	-7	-13	-4	-7	-7	-15	-20	-27
	185	-9	-6	-3	-11	-13	-20	-23	-29
22°	0	-1	-12	-14	-17	-14	-21	-21	-25
	62	-1	-12	-16	-18	-15	-20	-22	-25
	169	-1	-12	-13	-12	-11	-15	-17	-20
	207	-6	-4	-7	-11	-14	-21	-24	-29
30°	0	-1	-11	-14	-14	-11	-17	-18	-20
	123	-2	-12	-15	-15	-11	-14	-18	-19
36°	0	-1	-12	-14	-15	-12	-13	-18	-20
	69	-2	-13	-14	-15	-11	-14	-18	-21
	125	-3	-7	-10	-12	-12	-18	-22	-26

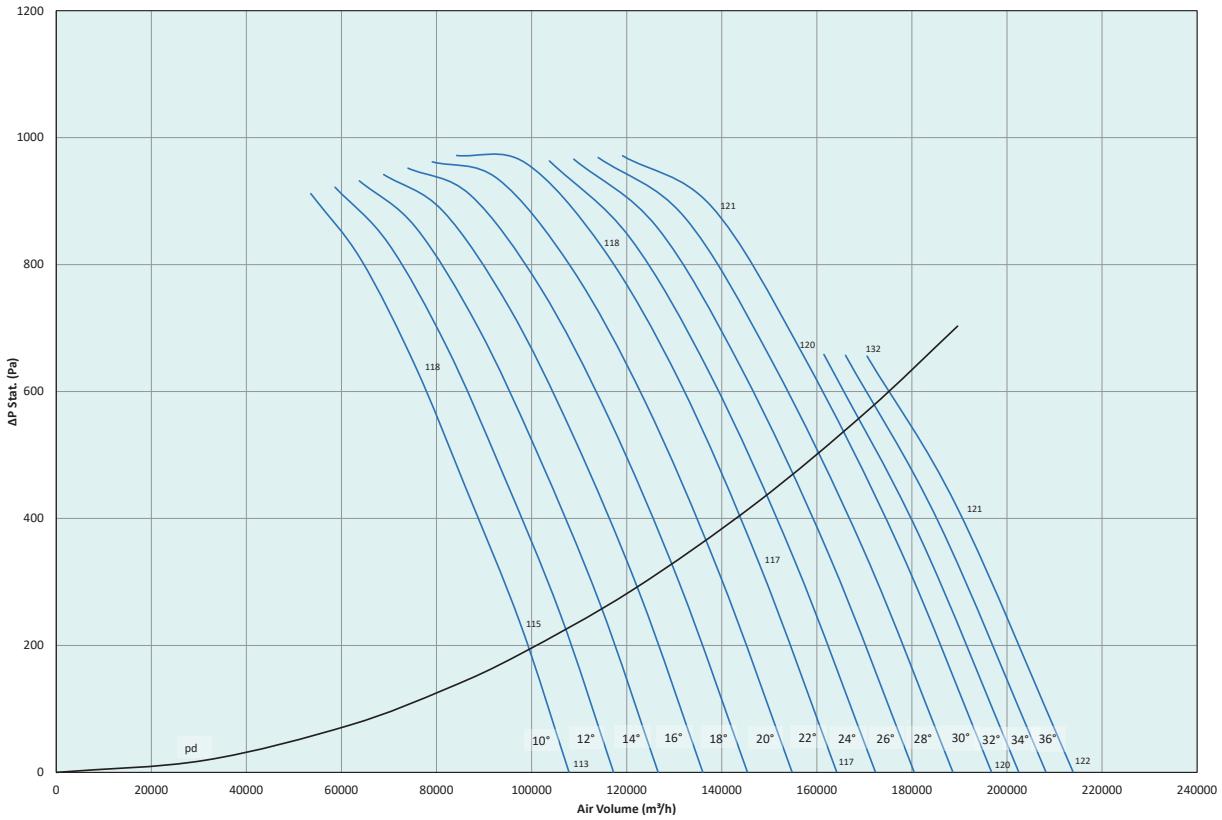
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

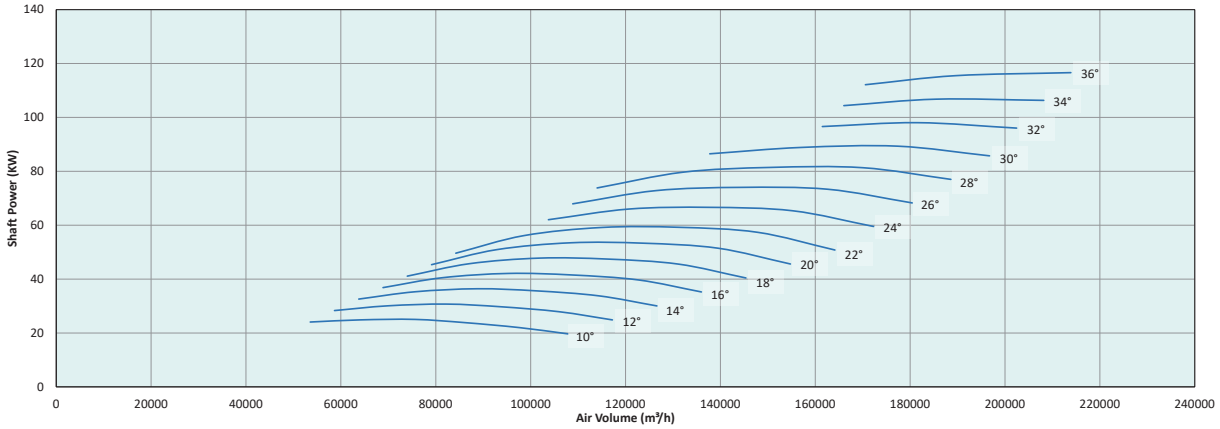
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

FEG 67

AXC(A) 1400-9-4, 50Hz 1450 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-7	-7	-10	-10	-8	-7	-11	-14
	445	-9	-9	-12	-8	-7	-7	-14	-18
	799	-9	-9	-6	-6	-9	-11	-18	-23
22°	0	-4	-4	-10	-14	-16	-11	-18	-18
	326	-4	-5	-10	-14	-14	-11	-16	-19
	607	-5	-5	-12	-11	-11	-10	-15	-18
30°	0	-4	-4	-12	-15	-17	-15	-20	-21
	349	-4	-4	-11	-15	-16	-13	-17	-20
	875	-5	-5	-11	-12	-12	-12	-16	-20
36°	0	-4	-4	-12	-15	-16	-13	-17	-20
	415	-4	-4	-11	-14	-14	-12	-15	-19
	653	-3	-3	-14	-17	-19	-20	-25	-30

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

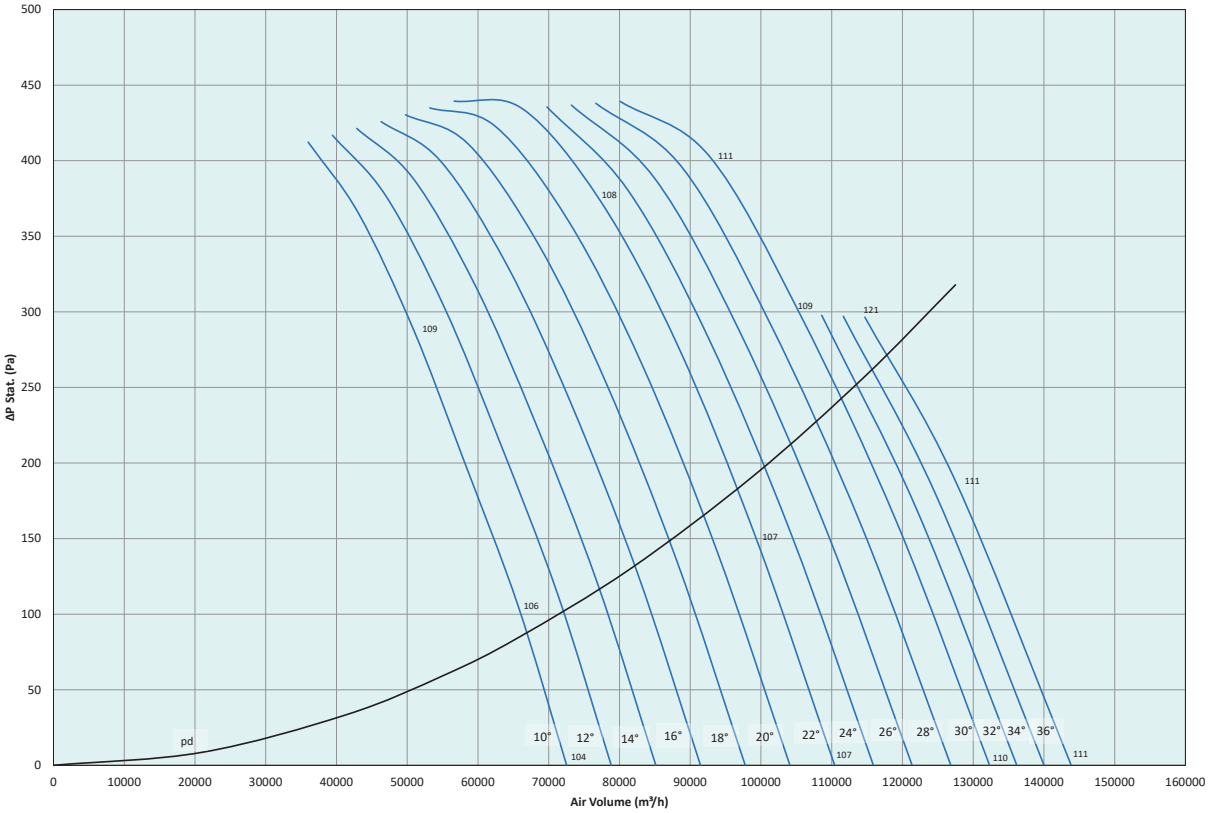
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

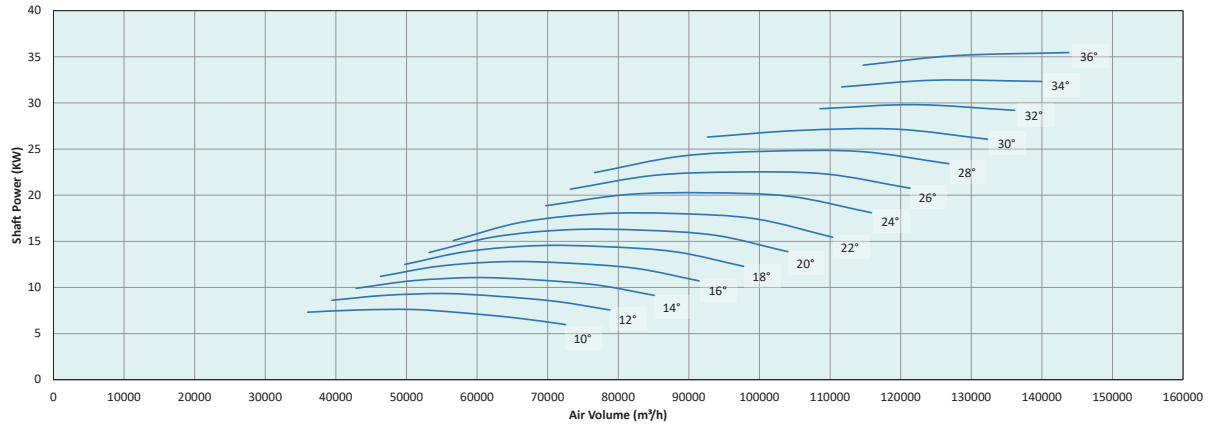
FEG 67

systemair

AXC(A) 1400-9-6, 50Hz 975 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-7	-8	-10	-8	-7	-9	-12	-19
	201	-8	-10	-9	-6	-6	-10	-15	-22
	361	-8	-7	-5	-7	-10	-15	-20	-27
22°	0	-3	-6	-11	-14	-12	-14	-17	-22
	148	-3	-7	-12	-13	-11	-13	-16	-21
	274	-4	-8	-10	-10	-9	-12	-16	-20
30°	0	-2	-7	-12	-14	-14	-16	-19	-21
	158	-2	-7	-12	-14	-13	-14	-17	-20
	396	-3	-7	-10	-10	-10	-13	-17	-21
36°	0	-2	-7	-12	-14	-13	-14	-17	-20
	187	-3	-7	-12	-13	-11	-12	-16	-19
	295	-1	-8	-14	-16	-18	-21	-26	-32

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

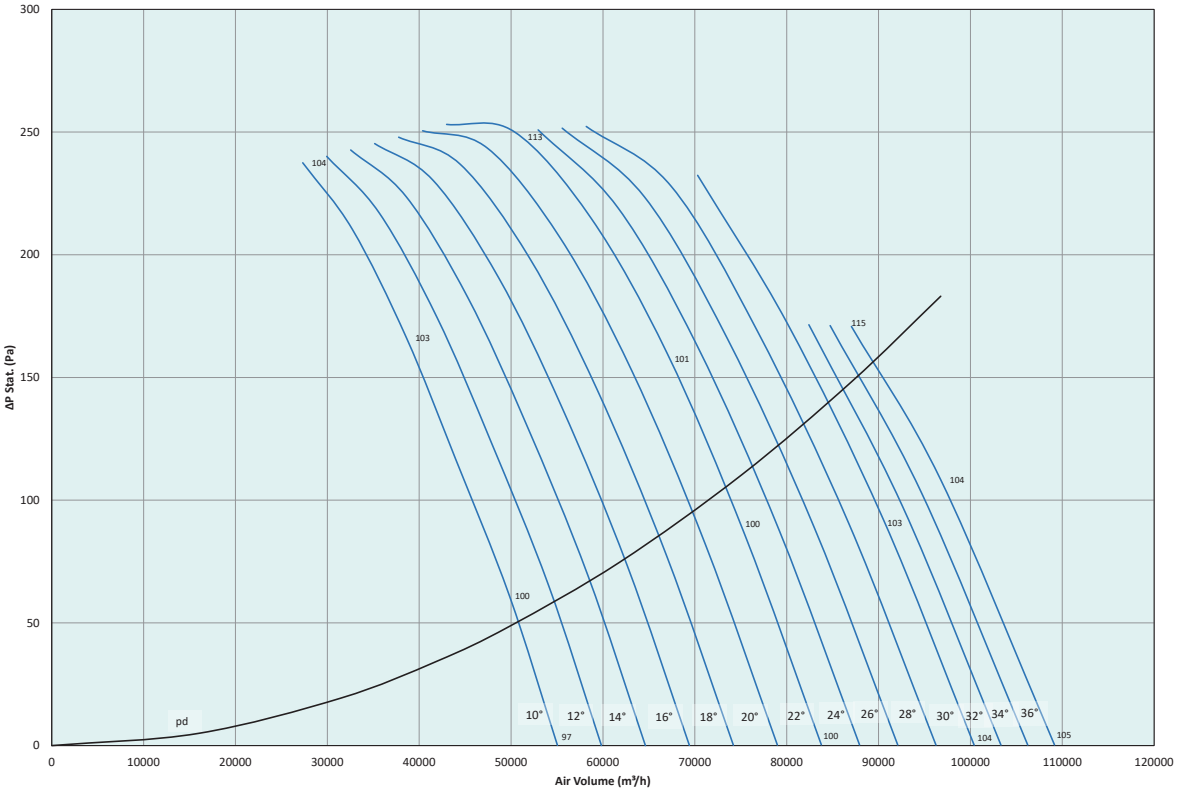
amca WORLDWIDE CERTIFIED RATINGS SOUND AND AIR PERFORMANCE FEG FAN EFFICIENCY GRADE CERTIFIED AIR MOVEMENT AND CONTROL ASSOCIATION INTERNATIONAL, INC. www.amca.org

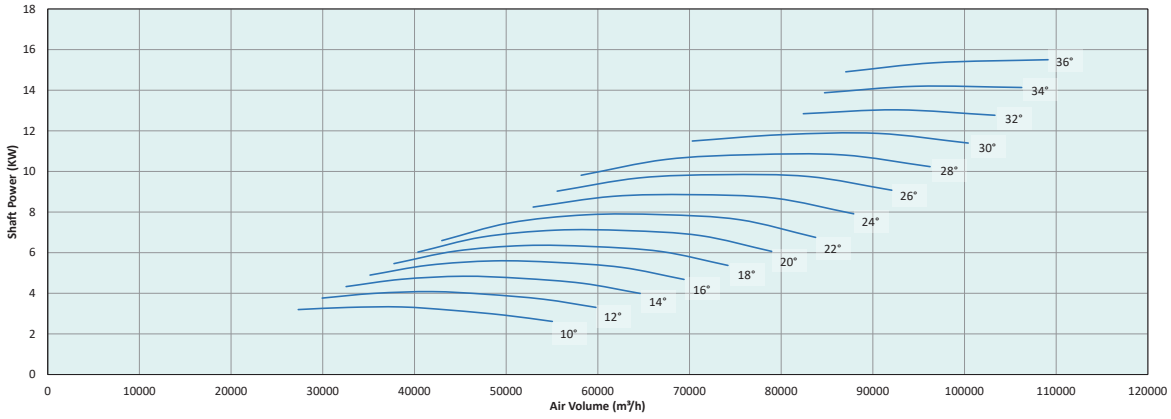
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

FEG 67

AXC(A) 1400-9-8, 50Hz 740 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-6	-9	-9	-7	-6	-10	-12	-23
	116	-8	-12	-7	-6	-6	-13	-17	-26
	208	-8	-5	-5	-8	-10	-17	-22	-30
	264	-3	-6	-11	-14	-13	-20	-23	-29
22°	0	-2	-8	-12	-14	-9	-16	-16	-24
	85	-2	-9	-12	-12	-8	-14	-16	-22
	158	-3	-10	-9	-9	-8	-13	-16	-21
	248	-1	-9	-15	-19	-19	-26	-31	-37
30°	0	-2	-10	-13	-15	-13	-18	-19	-22
	91	-2	-10	-13	-14	-11	-15	-18	-20
36°	0	-2	-10	-13	-14	-11	-15	-18	-21
	108	-2	-10	-12	-12	-10	-13	-17	-20
	170	-1	-12	-15	-17	-18	-23	-28	-34

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

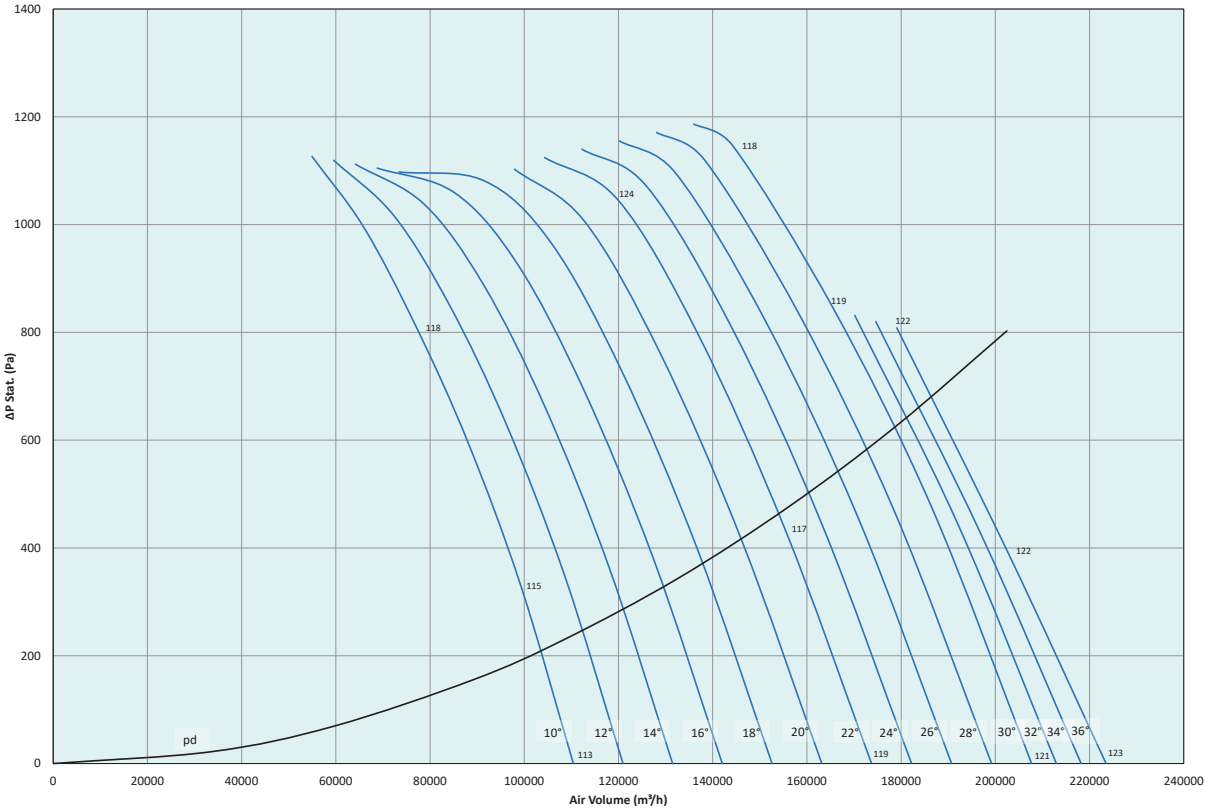
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

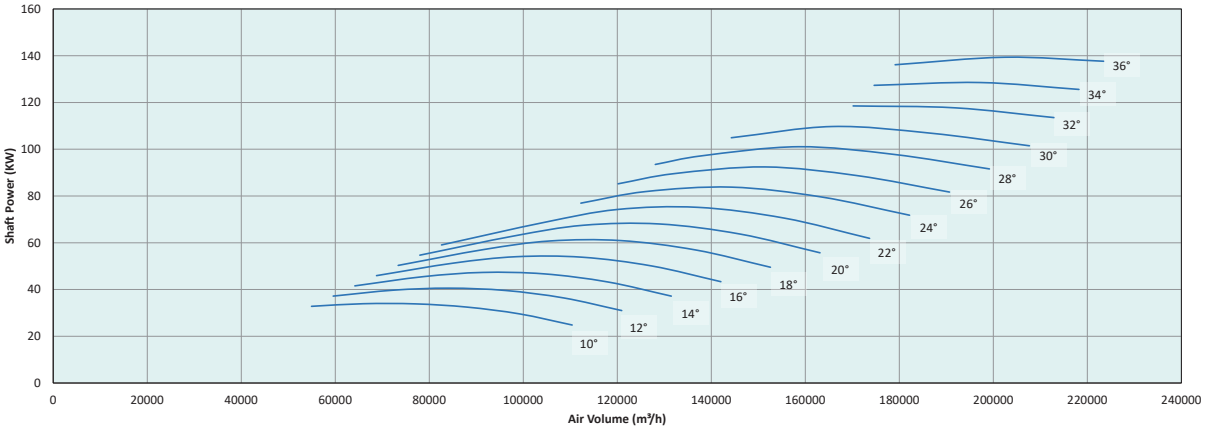
FEG 67

systemair

AXC(A) 1400-12-4, 50Hz 1450 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-10	-10	-10	-9	-8	-7	-10	-13
	591	-13	-13	-12	-7	-6	-6	-12	-17
	987	-9	-9	-8	-5	-7	-10	-16	-22
22°	0	-4	-4	-12	-15	-17	-14	-22	-22
	783	-7	-7	-9	-7	-8	-9	-14	-18
	1033	-7	-7	-7	-7	-12	-14	-20	-26
30°	0	-4	-4	-11	-14	-16	-15	-21	-23
	468	-5	-5	-9	-14	-14	-13	-18	-20
	837	-5	-5	-10	-13	-12	-11	-15	-17
36°	0	-4	-4	-13	-16	-17	-15	-21	-22
	392	-4	-4	-11	-15	-16	-12	-18	-20
	799	-4	-4	-12	-15	-14	-12	-17	-19

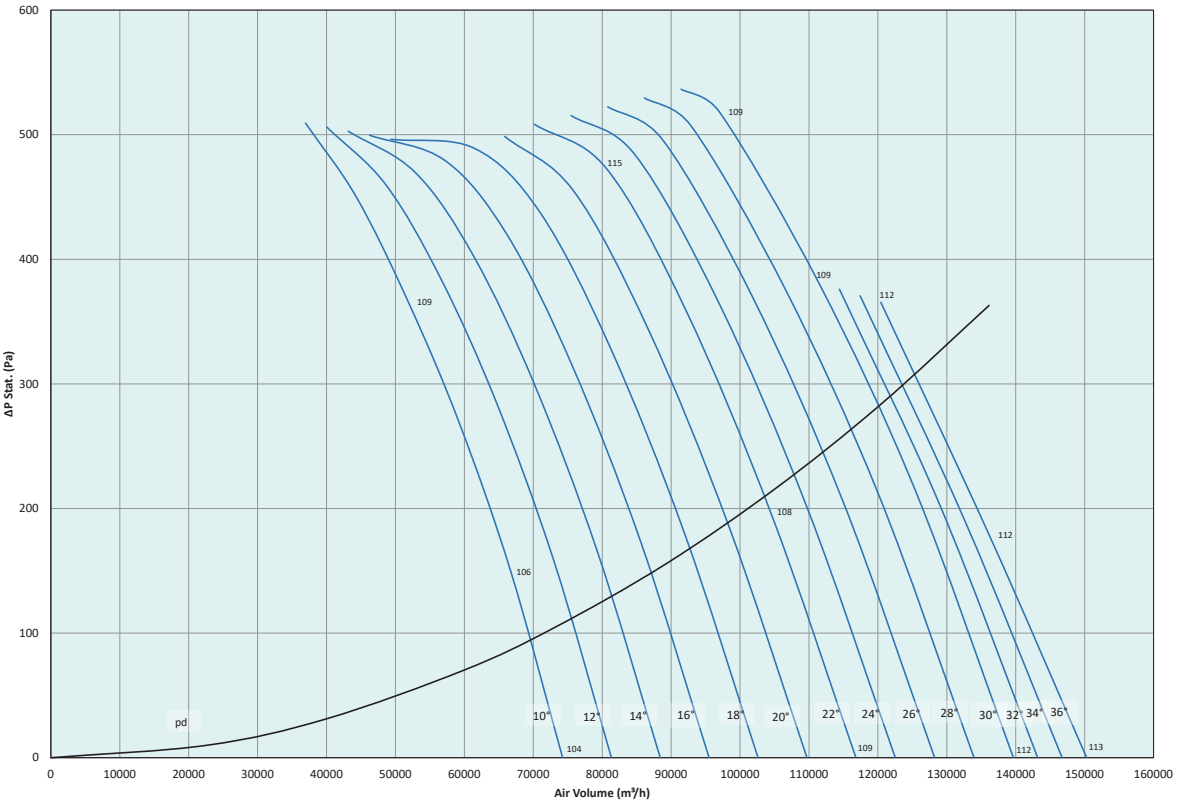
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

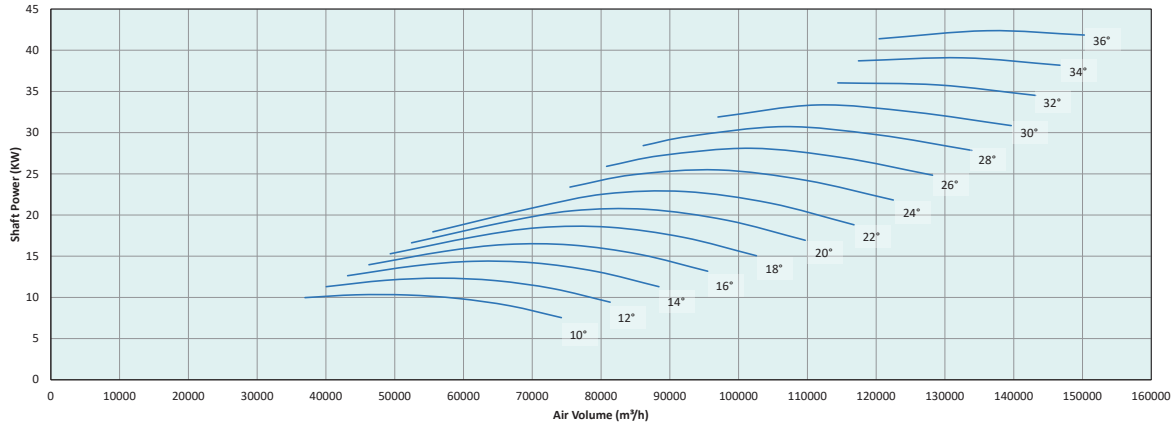
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

FEG 60

AXC(A) 1400-12-6, 50Hz 975 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-9	-9	-9	-8	-7	-8	-11	-19
	267	-12	-13	-9	-6	-5	-9	-14	-22
	446	-9	-8	-6	-6	-9	-13	-19	-26
22°	0	-2	-7	-10	-14	-13	-17	-20	-24
	354	-7	-9	-8	-7	-8	-11	-15	-20
	467	-6	-6	-6	-9	-12	-16	-22	-28
30°	0	-3	-7	-10	-14	-14	-17	-21	-24
	212	-3	-7	-7	-13	-12	-14	-18	-21
	378	-4	-7	-9	-11	-10	-12	-15	-18
36°	0	-2	-7	-11	-15	-14	-17	-20	-22
	177	-3	-7	-10	-14	-12	-14	-18	-20
	361	-3	-8	-11	-13	-11	-14	-17	-19

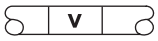
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

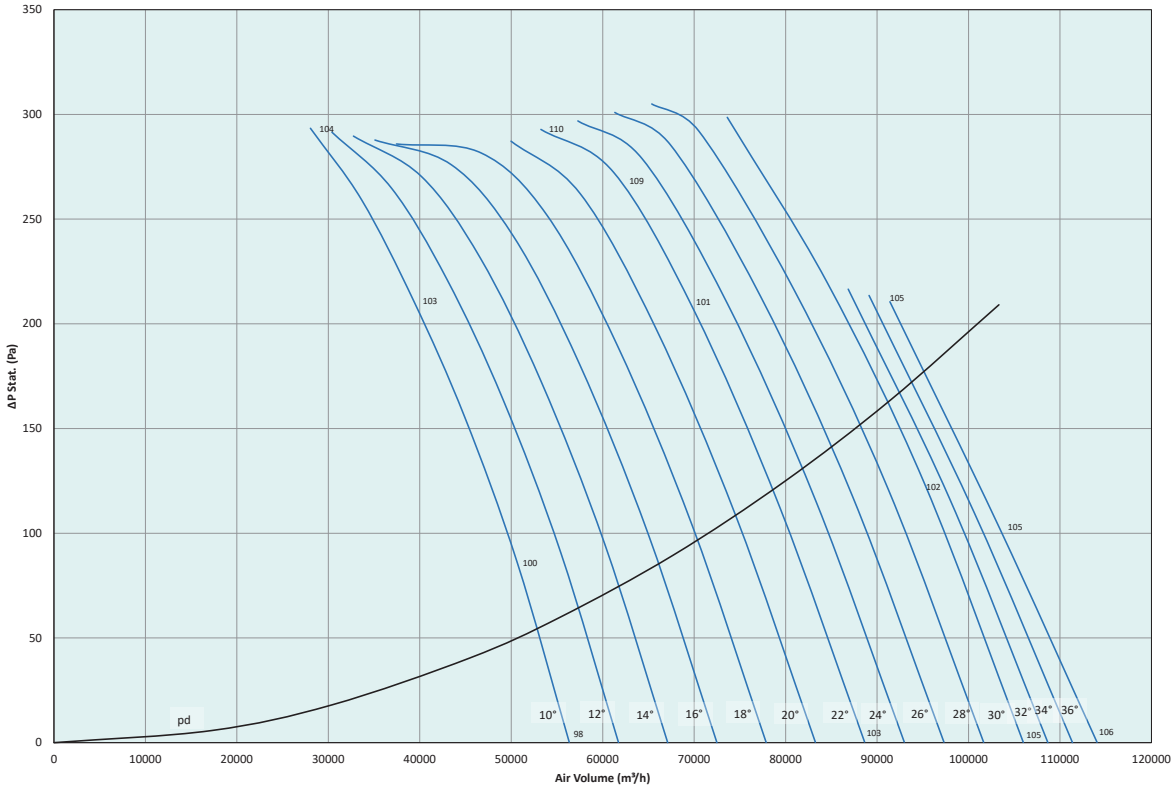
FEG 60

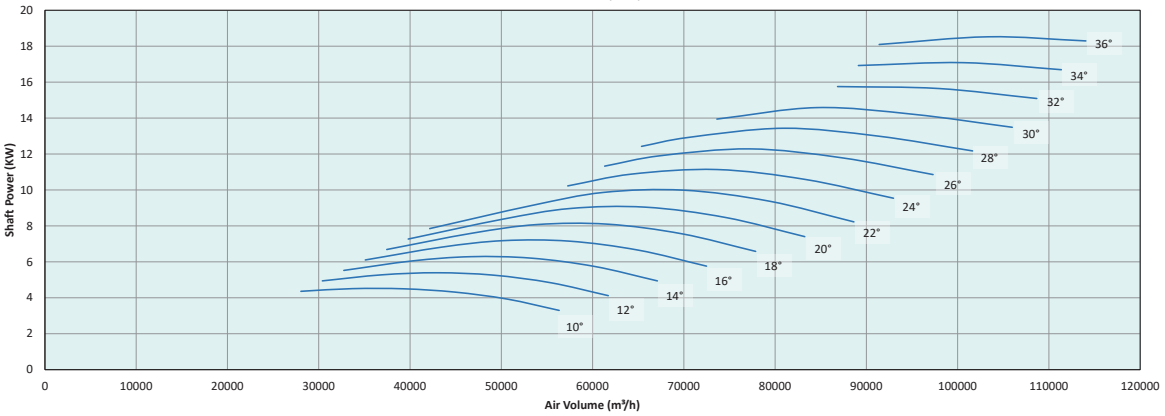
systemair

AXC(A) 1400-12-8, 50Hz 740 rpm



Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all inlet Lwi sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-9	-9	-9	-7	-6	-9	-12	-23
	154	-12	-13	-6	-5	-5	-11	-16	-26
	257	-9	-8	-5	-7	-10	-16	-22	-29
	327	-8	-3	-9	-12	-12	-19	-22	-28
22°	0	-2	-10	-13	-15	-12	-20	-20	-26
	204	-6	-10	-6	-7	-7	-12	-16	-21
	269	-6	-6	-6	-11	-13	-19	-25	-31
	290	-3	-5	-13	-16	-17	-23	-28	-35
30°	0	-2	-9	-12	-14	-13	-19	-21	-25
	122	-2	-8	-11	-12	-10	-15	-17	-21
36°	0	-1	-10	-13	-14	-12	-18	-19	-22
	102	-2	-10	-13	-14	-10	-16	-18	-20
	208	-2	-11	-13	-12	-10	-15	-17	-20

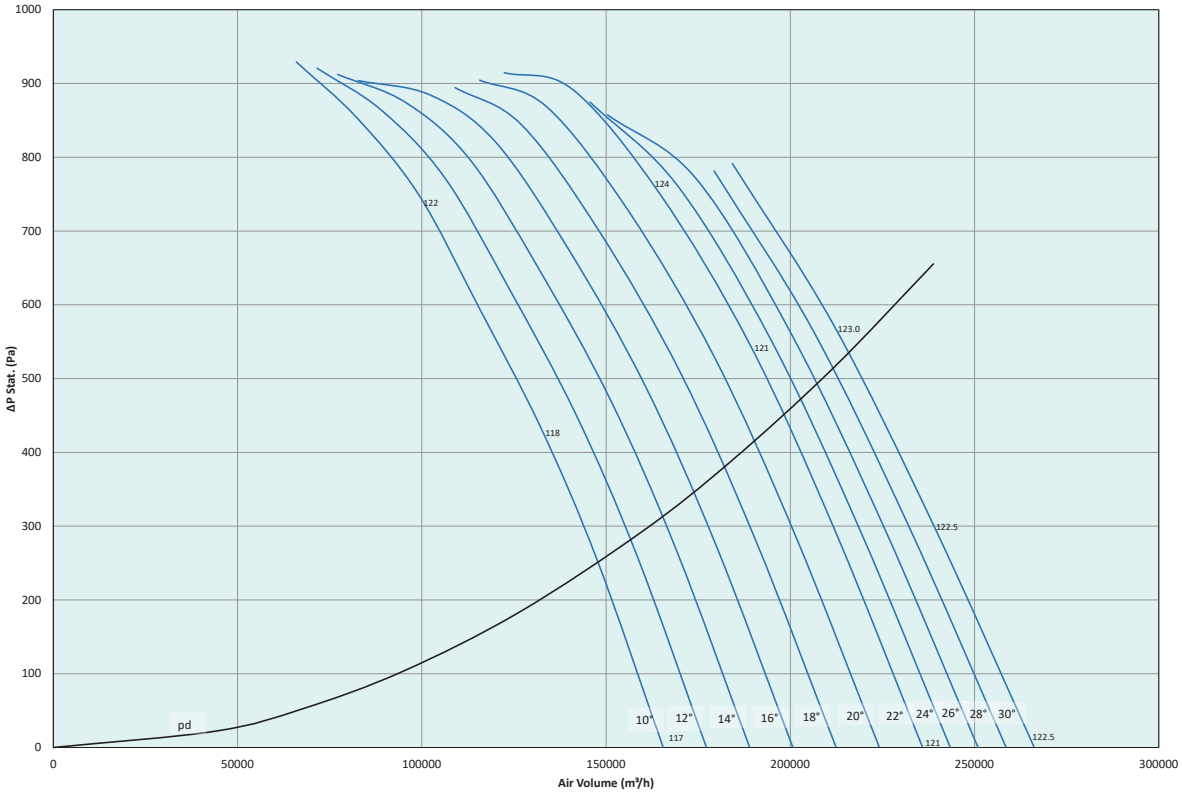
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

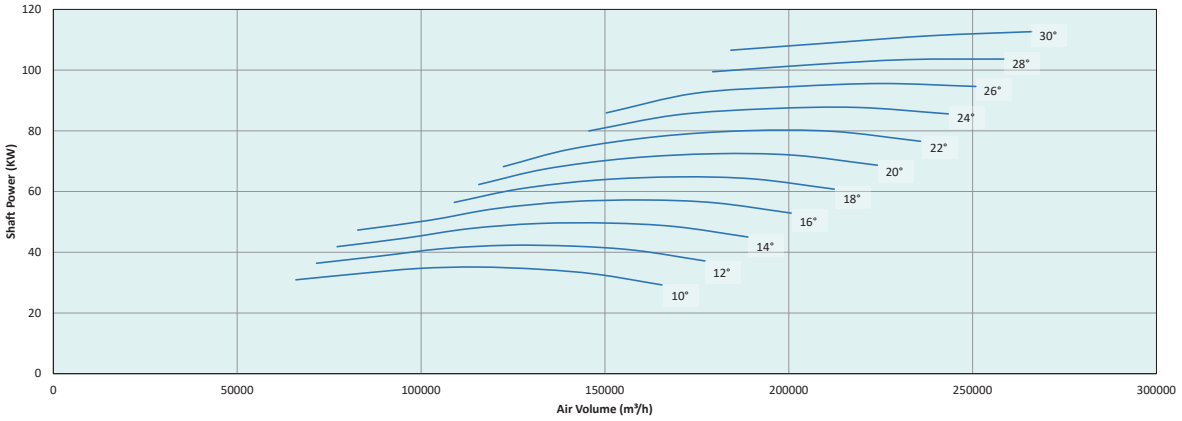
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

FEG 60

AXC(A) 1600-6-4, 50Hz 1450 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-5	-5	-8	-13	-13	-13	-15	-14
	426	-8	-7	-14	-8	-7	-8	-14	-17
	737	-11	-11	-10	-2	-9	-13	-18	-21
22°	0	-4	-4	-11	-13	-17	-18	-21	-19
	538	-4	-4	-10	-12	-12	-14	-16	-18
	741	-7	-7	-10	-5	-8	-12	-16	-19
30°	0	-4	-4	-11	-15	-17	-16	-18	-18
	299	-4	-4	-12	-16	-17	-15	-17	-17
	568	-5	-4	-9	-11	-11	-13	-15	-18

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

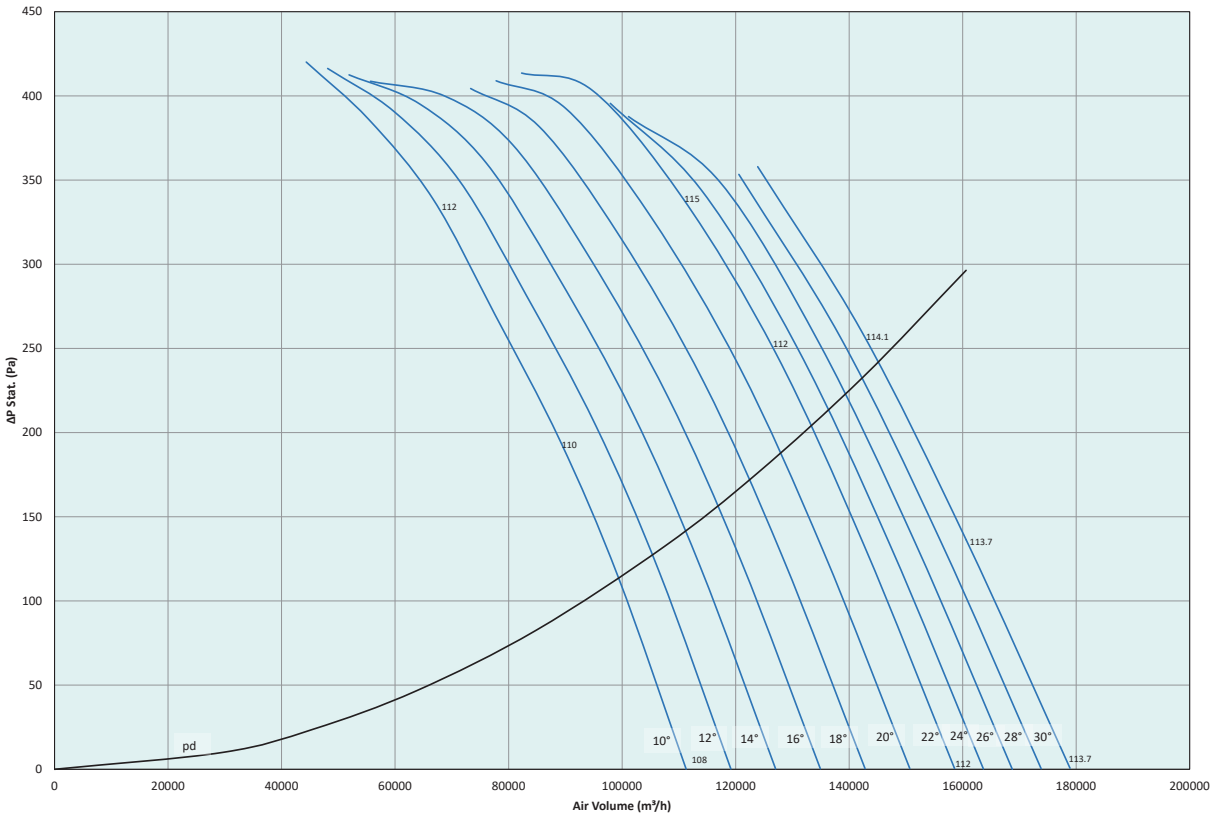
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

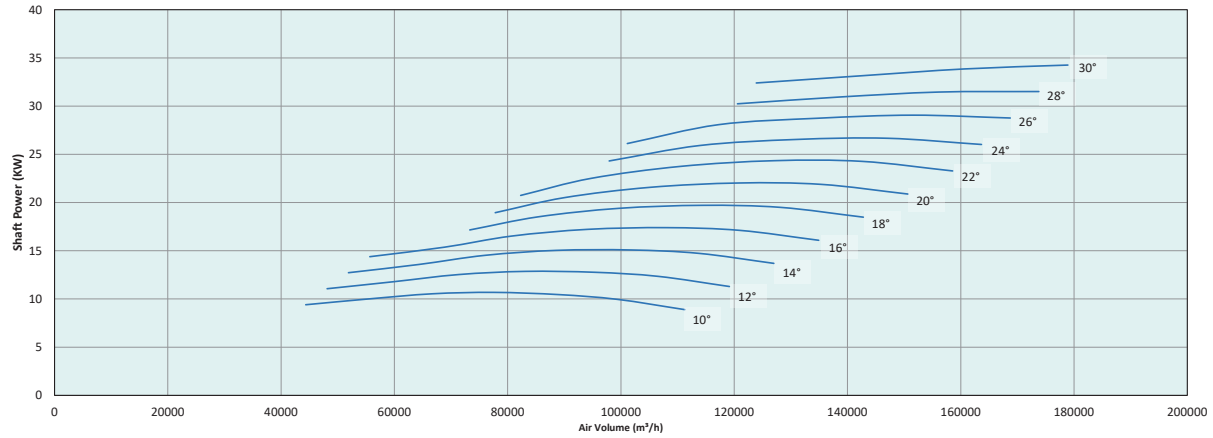
FEG 71

systemair

AXC(A) 1600-6-6, 50Hz 975 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-5	-5	-11	-13	-13	-14	-14	-18
	193	-8	-7	-10	-7	-7	-11	-15	-21
	333	-10	-10	-4	-5	-11	-15	-19	-23
22°	0	-4	-4	-12	-15	-17	-19	-19	-20
	243	-4	-4	-11	-12	-13	-15	-17	-19
	335	-7	-7	-7	-7	-10	-14	-18	-21
30°	0	-4	-4	-13	-16	-16	-17	-18	-20
	135	-4	-4	-14	-16	-16	-16	-17	-19
	257	-5	-4	-10	-11	-12	-14	-16	-20

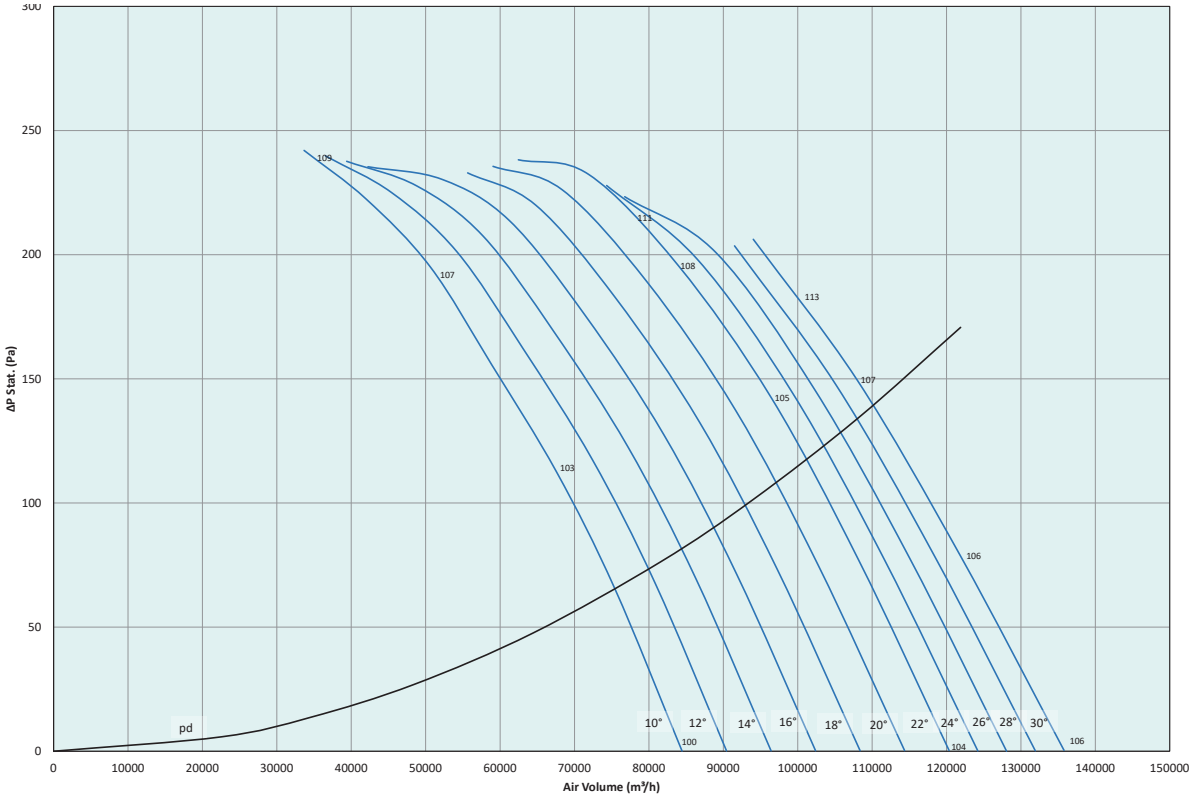
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

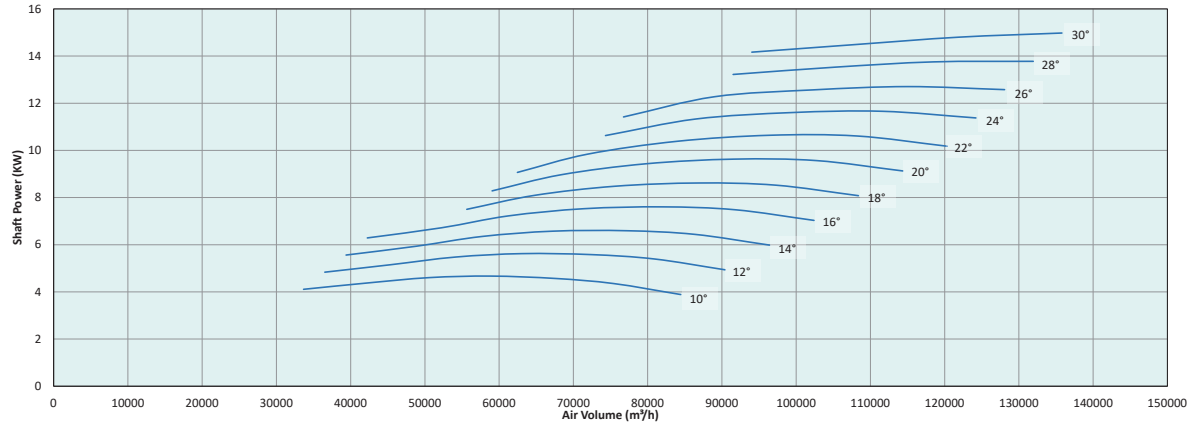
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

FEG 71

AXC(A) 1600-6-8, 50Hz 740 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-4	-6	-11	-11	-11	-14	-12	-20
	111	-7	-12	-7	-6	-7	-13	-16	-23
	192	-11	-10	-2	-9	-13	-18	-21	-26
	239	-1	-10	-12	-15	-17	-21	-23	-27
22°	0	-2	-9	-11	-15	-16	-19	-17	-20
	140	-3	-9	-11	-11	-13	-15	-16	-19
	193	-6	-9	-4	-7	-11	-15	-18	-22
	215	-6	-4	-7	-10	-14	-19	-23	-28
30°	0	-2	-9	-13	-15	-14	-16	-16	-19
	78	-2	-10	-14	-15	-13	-15	-15	-19
	148	-4	-8	-10	-10	-12	-14	-16	-20
	183	-5	-4	-10	-13	-16	-21	-26	-31

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

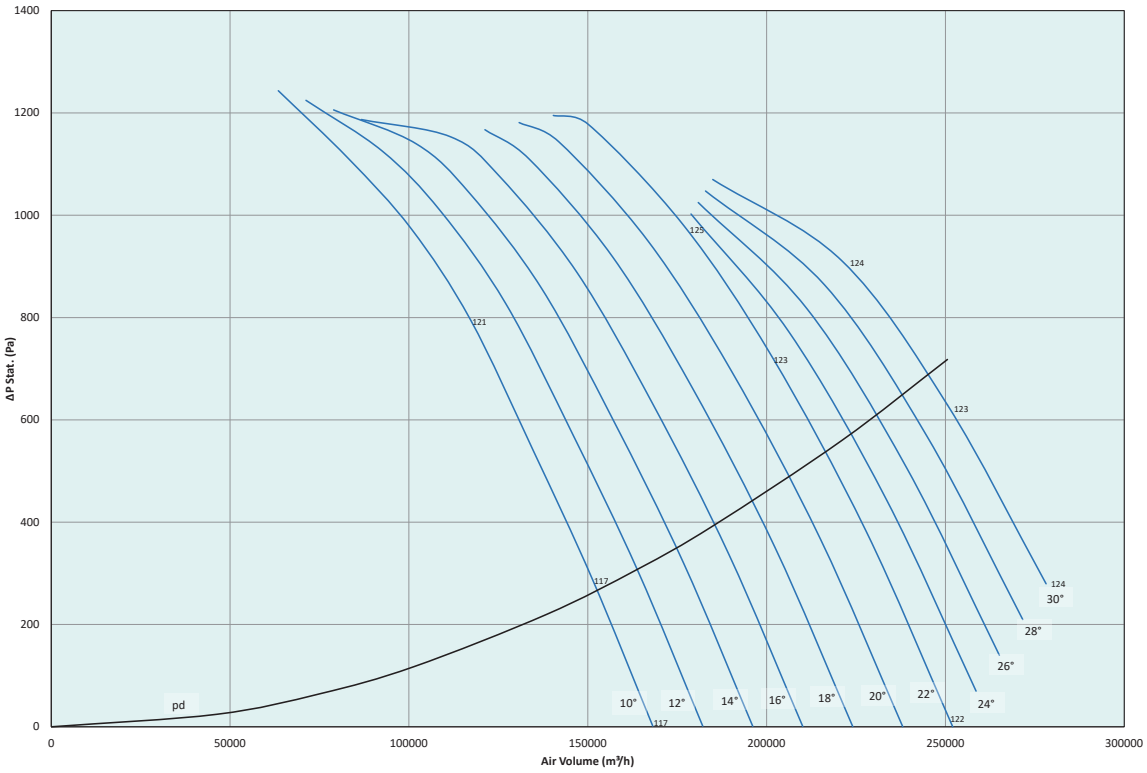
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

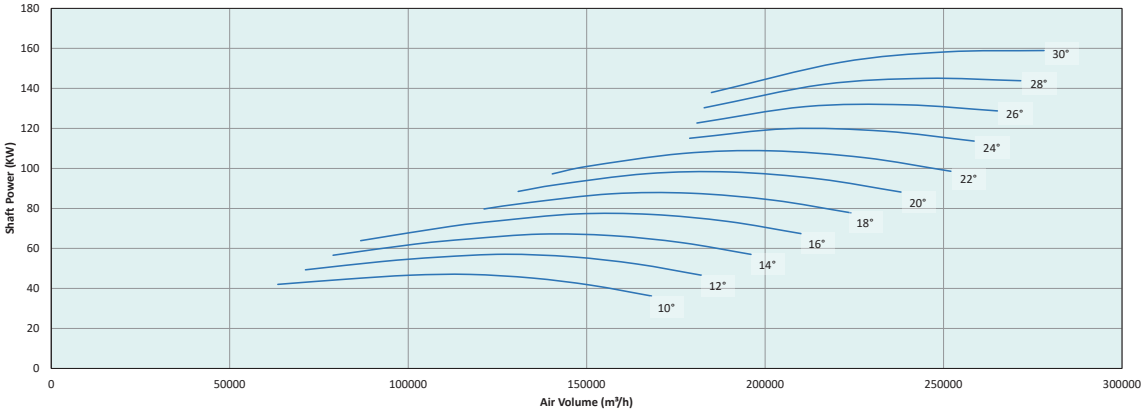
FEG 71

systemair

AXC(A) 1600-9-4, 50Hz 1450 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-7	-7	-8	-12	-10	-9	-11	-12
	284	-9	-9	-8	-10	-8	-6	-10	-14
	783	-10	-10	-12	-4	-6	-9	-15	-20
22°	0	-4	-4	-10	-12	-16	-16	-19	-20
	718	-6	-6	-11	-9	-8	-11	-15	-18
	968	-8	-8	-11	-5	-7	-11	-16	-20
30°	276	-4	-4	-11	-12	-15	-17	-19	-20
	622	-4	-4	-10	-12	-13	-14	-16	-18
	902	-5	-5	-12	-12	-11	-13	-16	-19

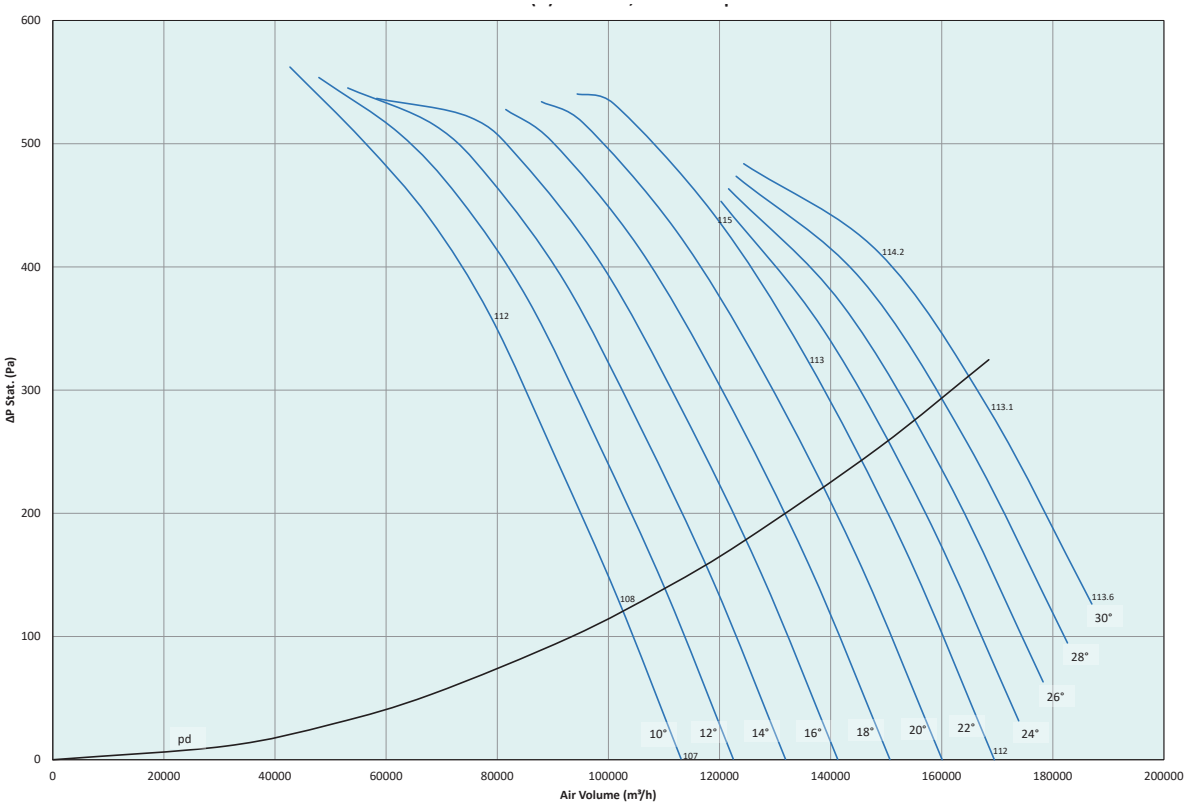
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

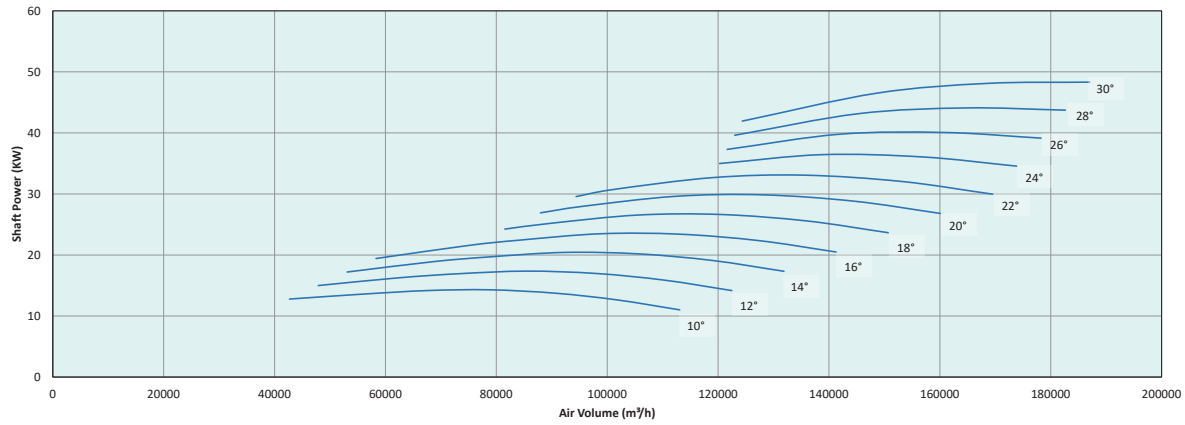
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

FEG 67

AXC(A) 1600-9-6, 50Hz 975 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-6	-7	-10	-10	-9	-9	-11	-17
	128	-9	-8	-9	-9	-7	-8	-12	-18
	354	-10	-11	-7	-5	-7	-12	-17	-23
22°	0	-3	-6	-10	-13	-15	-17	-18	-21
	325	-5	-9	-9	-7	-9	-12	-16	-20
	437	-7	-9	-7	-6	-9	-13	-18	-22
30°	125	-3	-7	-10	-12	-15	-17	-18	-20
	281	-3	-7	-10	-12	-13	-14	-16	-18
	408	-3	-8	-11	-10	-10	-13	-16	-19

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

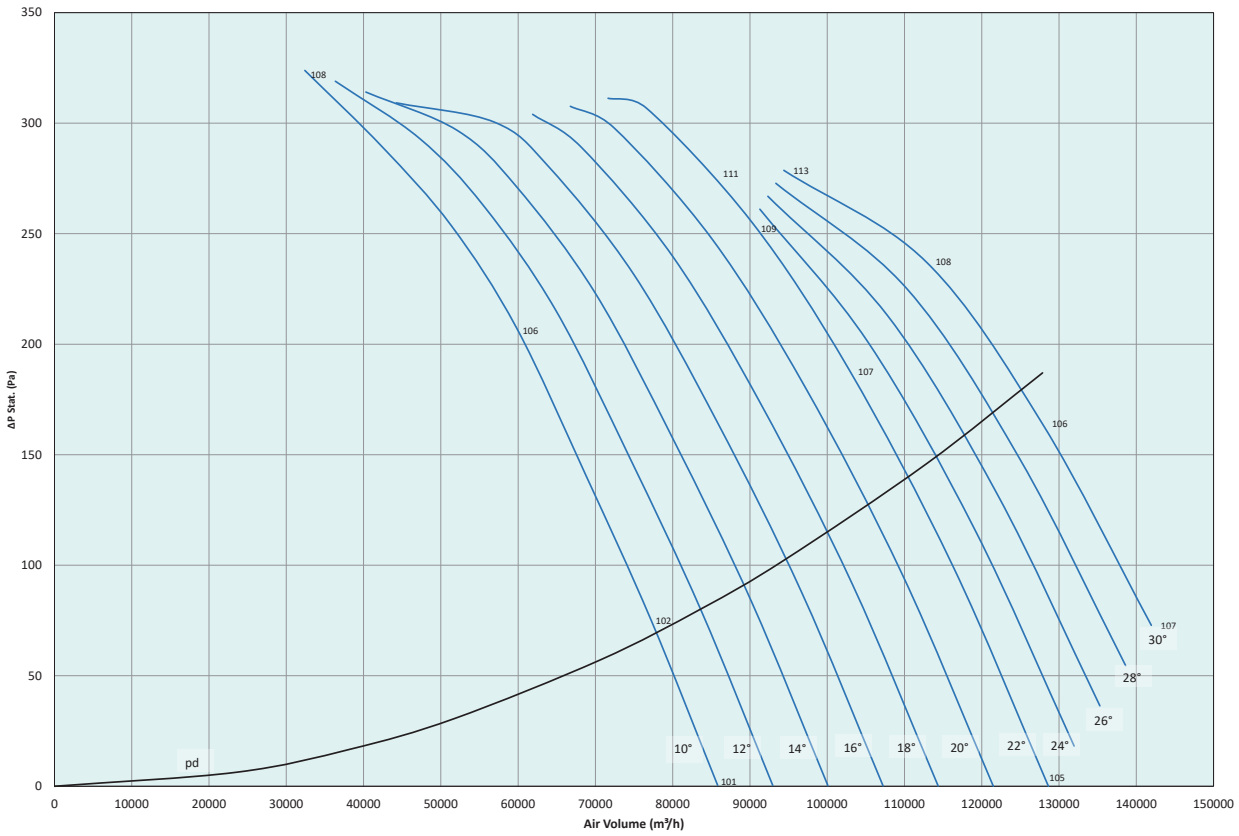
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

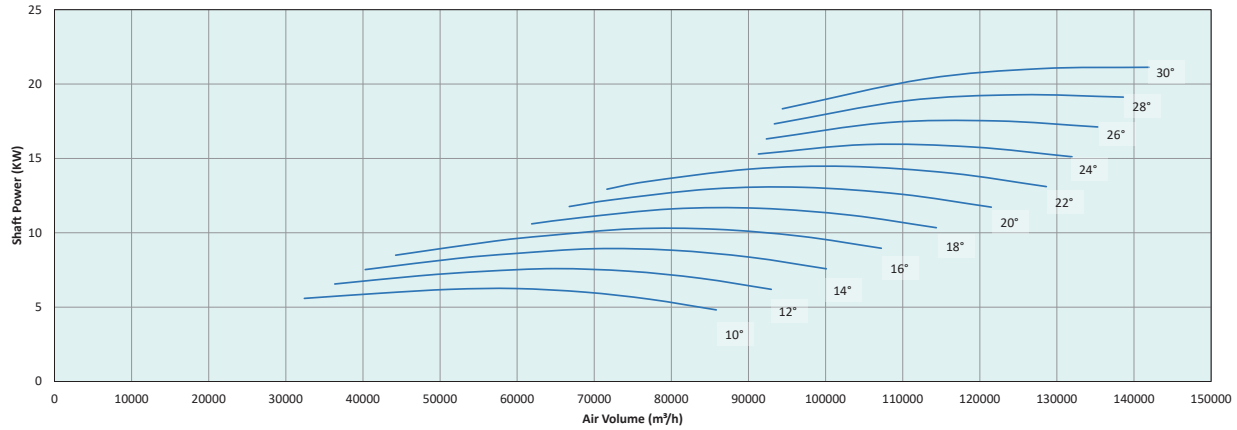
FEG 67

systemair

AXC(A) 1600-9-8, 50Hz 740 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-6	-7	-11	-9	-8	-10	-11	-20
	74	-9	-9	-10	-8	-6	-10	-13	-22
	204	-10	-12	-4	-6	-9	-15	-19	-27
	320	-2	-7	-12	-14	-15	-19	-23	-27
22°	0	-2	-8	-10	-14	-14	-17	-18	-22
	187	-5	-11	-8	-7	-10	-14	-17	-22
	252	-7	-10	-4	-6	-10	-15	-19	-24
	277	-6	-4	-6	-10	-13	-18	-23	-28
30°	72	-2	-9	-10	-13	-15	-17	-18	-20
	162	-2	-8	-10	-11	-12	-14	-16	-18
	235	-3	-11	-10	-9	-11	-14	-17	-20
	274	-4	-7	-8	-10	-13	-18	-23	-28

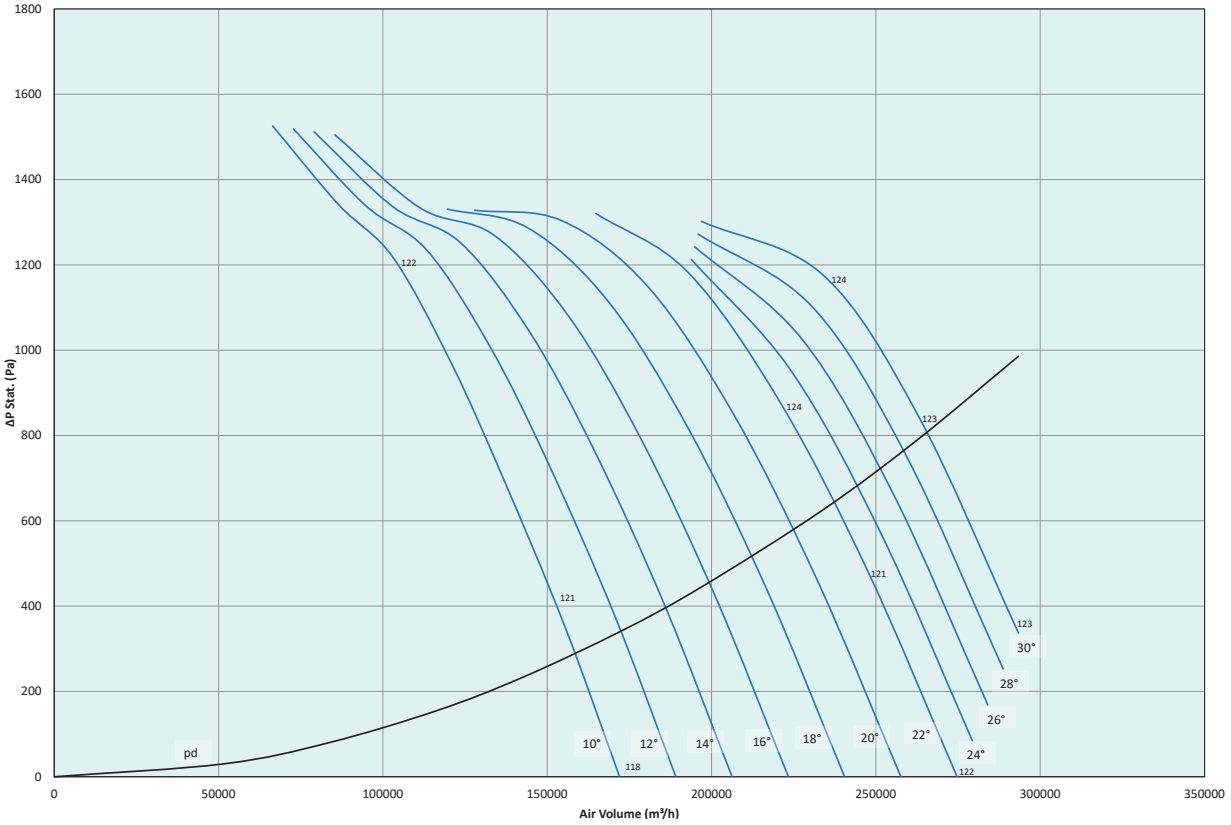
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

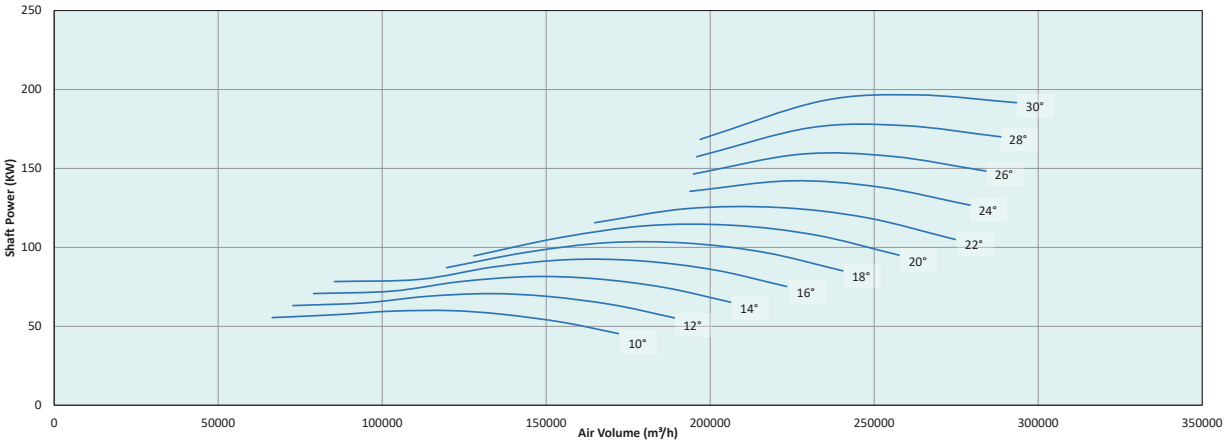
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

FEG 67

AXC(A) 1600-12-4, 50Hz 1450 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-8	-8	-7	-12	-9	-9	-11	-11
	415	-12	-12	-10	-6	-5	-7	-13	-18
	1202	-12	-12	-6	-5	-7	-11	-16	-21
22°	0	-5	-5	-8	-14	-16	-16	-19	-19
	476	-6	-6	-7	-12	-11	-12	-15	-17
	868	-10	-10	-11	-5	-7	-9	-13	-18
30°	334	-5	-5	-8	-13	-15	-16	-18	-18
	837	-5	-5	-7	-13	-13	-14	-15	-17
	1163	-6	-6	-9	-9	-9	-12	-14	-17

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

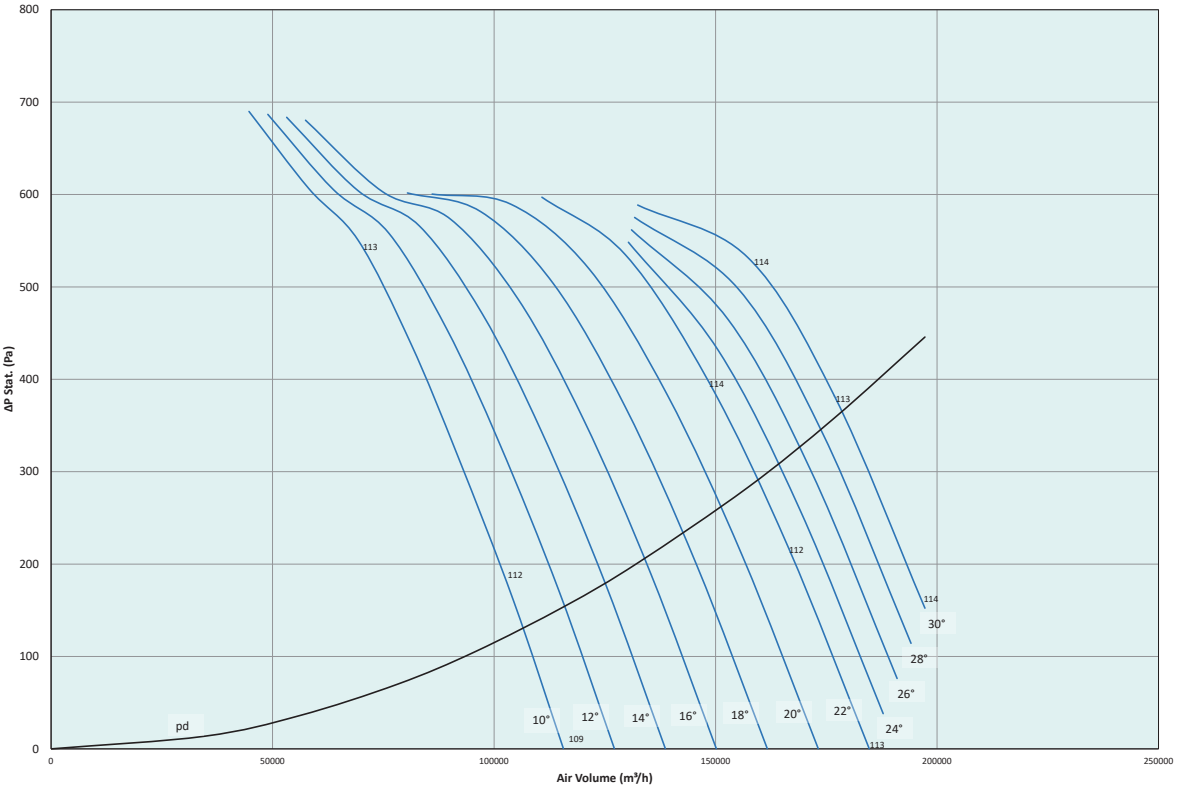
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

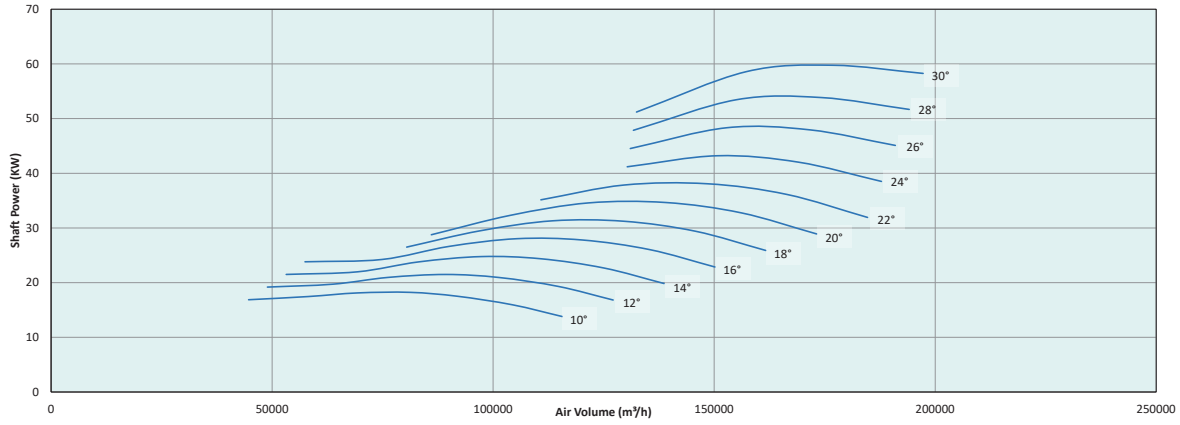
FEG 71

systemair

AXC(A) 1600-12-6, 50Hz 975 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-8	-7	-7	-10	-9	-10	-11	-17
	187	-12	-11	-8	-5	-6	-10	-15	-23
	543	-12	-8	-5	-6	-9	-14	-19	-25
22°	0	-4	-6	-7	-14	-15	-17	-18	-21
	215	-5	-7	-6	-11	-11	-13	-15	-19
	392	-9	-10	-7	-6	-8	-11	-15	-20
30°	151	-4	-6	-7	-13	-15	-16	-17	-19
	378	-4	-6	-6	-12	-13	-14	-16	-18
	526	-5	-7	-8	-8	-10	-12	-15	-18

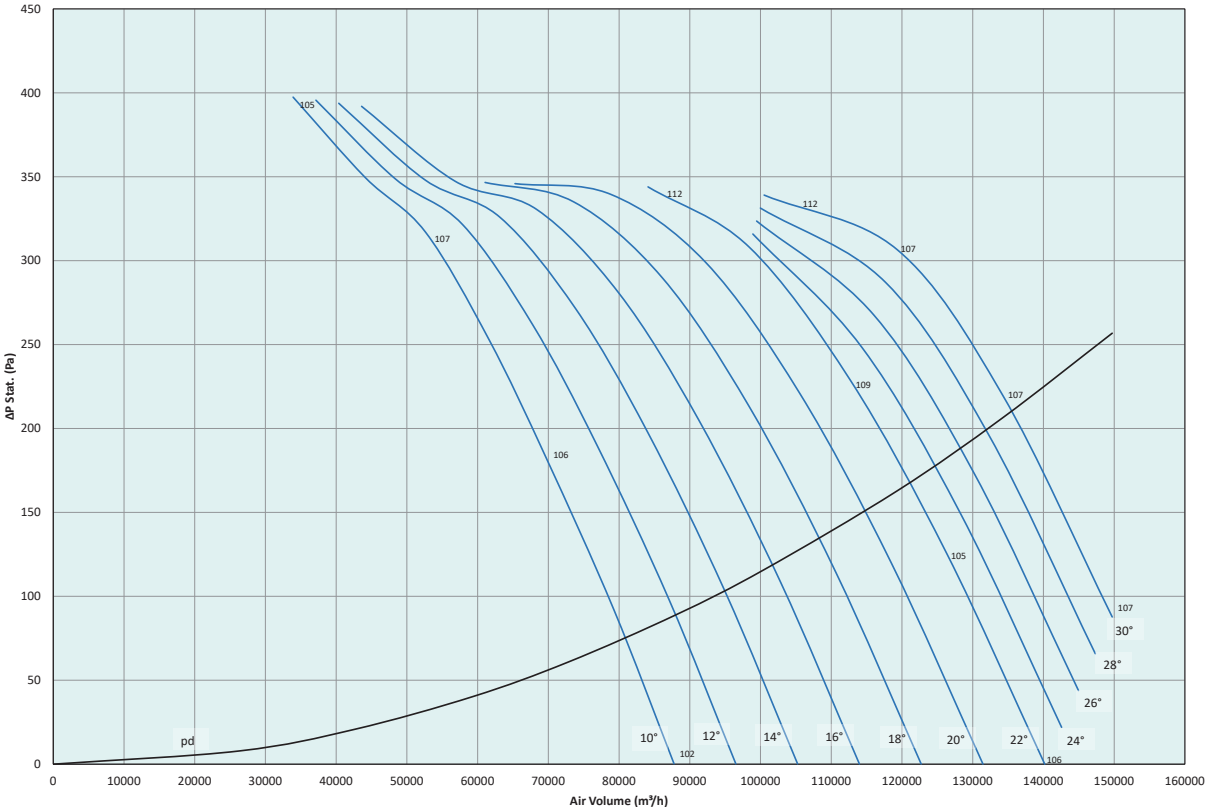
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

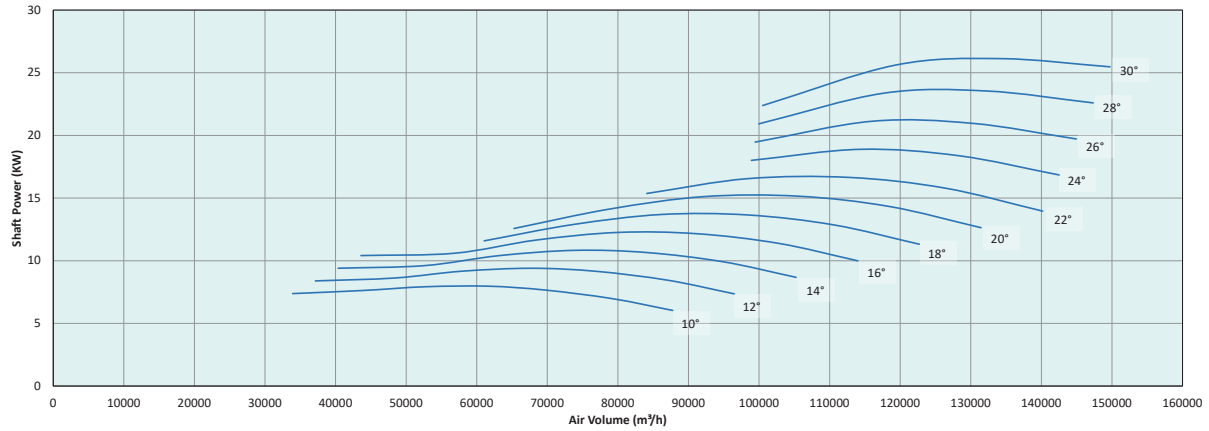
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values shown are for outlet Lwo sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

FEG 71

AXC (A) 1600-12-8, 50Hz 740 rpm

Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-7	-6	-11	-8	-8	-10	-10	-21
	108	-12	-11	-6	-5	-7	-13	-17	-27
	313	-12	-6	-5	-7	-11	-16	-21	-28
	393	-9	-3	-8	-11	-13	-16	-19	-24
22°	0	-3	-6	-12	-14	-14	-17	-17	-22
	124	-4	-7	-10	-9	-10	-13	-15	-20
	226	-10	-11	-5	-7	-9	-13	-18	-23
	340	-2	-5	-11	-14	-16	-21	-26	-33
30°	87	-3	-6	-11	-13	-14	-16	-16	-20
	218	-3	-6	-11	-11	-12	-13	-15	-18
	303	-5	-8	-8	-8	-11	-13	-16	-19
	334	-7	-8	-5	-8	-12	-15	-20	-25

AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
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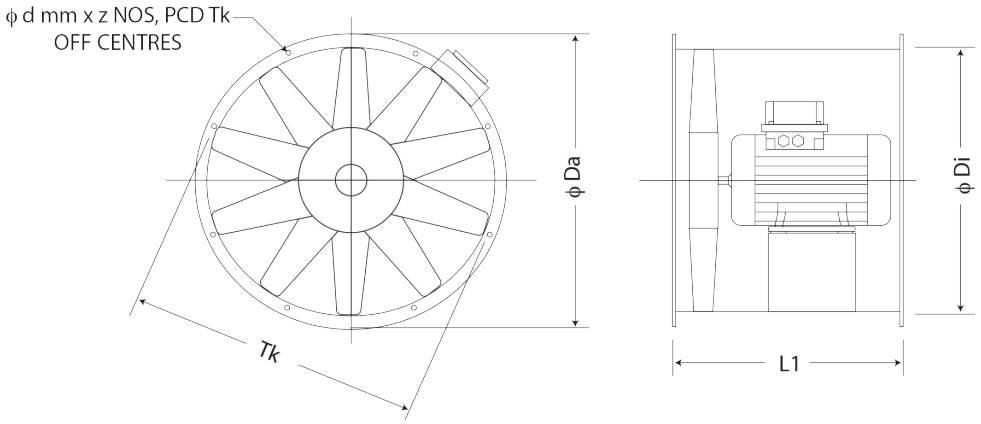
FEG 71

systemair

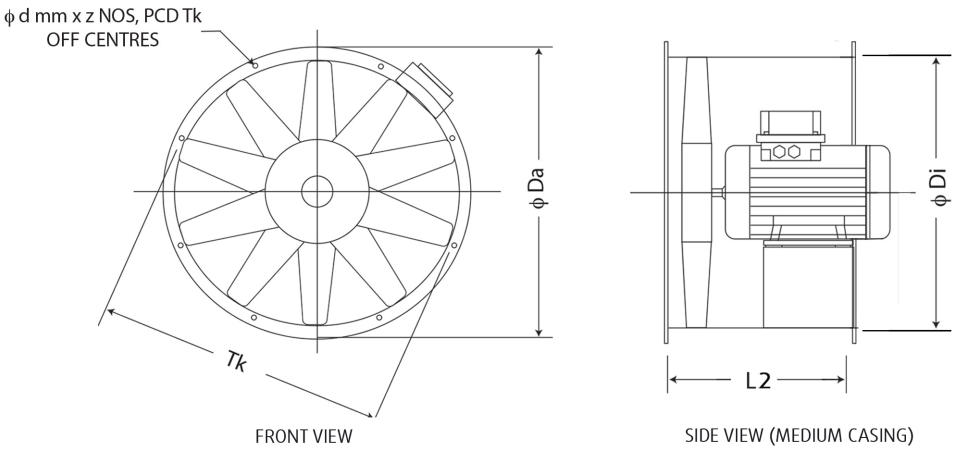


FRONT VIEW

SIDE VIEW (LONG CASING)

- In metric. mm

	Motor	ØDI	L1	ØDa	Tk	z x Ød
1	IEC 71-90	315	375	395	355	8x10
2	IEC 71-90	355	375	435	395	8x10
3	IEC 71-100	400	450	480	450	8x12
4	IEC 71-112	450	500	530	500	8x12
5	IEC 71-112	500	540	590	560	12x12
6	IEC 80-112	560	500	650	620	12x12
7	IEC 80-112	630	500	720	690	12x12
8	IEC 80-112	710	500	800	770	16x12
9	IEC 90-112	800	500	890	860	16x12
10	IEC 132-160	800	700	890	860	16x12
11	IEC 100-132	900	640	1005	970	16x15
12	IEC 160	900	850	1005	970	16x15
13	IEC 100-132	1000	640	1105	1070	16x15
14	IEC 160-200	1000	850	1105	1070	16x15
15	IEC 132	1120	700	1260	1190	20x15
16	IEC 160	1120	850	1260	1190	20x15
17	IEC 180-225	1120	1000	1260	1190	20x15
18	IEC 132-200	1250	850	1390	1320	20x15
19	IEC 225	1250	1050	1390	1320	20x15
20	IEC 160-225	1400	950	1540	1470	20x15
21	IEC 250-315	1400	1360	1540	1470	20x15
22	IEC 160-225	1600	950	1740	1680	24x19
23	IEC 250-315	1600	1360	1740	1680	24x19



	Motor	ØDI	L2	ØDa	Tk	z x Ød
1	IEC 71-90	315	320	395	355	8x10
2	IEC 71-90	355	320	435	395	8x10
3	IEC 71-100	400	320	480	450	8x12
4	IEC 71-112	450	320	530	500	8x12
5	IEC 71-90	500	320	590	560	12x12
6	IEC 100-112	500	345	590	560	12x12
7	IEC 80-112	560	370	650	620	12x12
8	IEC 80-112	630	370	720	690	12x12
9	IEC 80-112	710	370	800	770	16x12
10	IEC 90-112	800	370	890	860	16x12
11	IEC 132-160	800	510	890	860	16x12
12	IEC 100-132	900	430	1005	970	16x15
13	IEC 160	900	600	1005	970	16x15
14	IEC 100-132	1000	430	1105	1070	16x15
15	IEC 160-200	1000	600	1105	1070	16x15
16	IEC 132-160	1120	600	1260	1190	20x15
17	IEC 180-225	1120	720	1260	1190	20x15
18	IEC 132-200	1250	600	1390	1320	20x15
19	IEC 225	1250	750	1390	1320	20x15
20	IEC 160-225	1400	720	1540	1470	20x15
21	IEC 250-315	1400	935	1540	1470	20x15
22	IEC 160-225	1600	720	1740	1680	24x19
23	IEC 250-315	1600	935	1740	1680	24x19

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systemair

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Systemair IN AXC(A)/July 2023