Axial Fans

Systemair Sdn Bhd certifies that the Axial Fan 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.

Systemair

April 2012

www.systemair.com

Complete Range of Axial Fans

Whatever requirements and applications you may have, the axial fan range of Systemair is just as global and comprising. The fields of operation range from huge shopping centres, to underground car parks, up to tunnel- and MRT-projects in the whole world. Safety related fans such as smoke exhaust and explosion proof fans are part of our core competence.

Our quality management system which is certified to ISO 9001: 2008 is one reason for our high quality standards. In our modern R&D centre we test in compliance with the international standards ISO and AMCA.

At Systemair you benefit from an international network from more than 50 companies. This guarantees you good response times even with international projects, as the contact person is never far away. You are sincerely invited to visit our production site for axial fans in Germany or our headquarters in Sweden to convince yourself on-site of our high quality standards.

This catalogue shows you the entire spectrum of our possibilities. Have a look at an Axial Fan program at its best and trust our decade-long experience. Our expert team will be pleased to be at your disposal!

The straight way

The straight way was our first production idea and led to the circular duct fan. Today "the straight way" represents our ambition to simplify the life of our customers. Stocked products are delivered in Europe within 24 hours from local warehouses and within 72 hours from distribution centres. High product quality, correct technical data and fast deliveries are always in focus.

Systemair

Systemair was established in Sweden in 1974 and is today the parent company in an international group with over 50 subsidiaries and approximately 1900 employees. The Group's head office and largest production plant is located in Skinnskatteberg with some 400 employees and a floor space of 50,000 m2.

Production

We are proud of our production units. The aim has been to have both effective production of bulk products and at the same time an efficient and flexible approach to produce small volumes. This has steered our choice of machinery and how we plan our production, with focus on the working environment. Our premises are light and pleasant and we invest in tools that facilitate the work and provide our employees with a safe and efficient work place.

Technical data

In January 2003 we opened our new Development centre, one of the most modern in Europe for air flow measurements, acoustic measurements, efficiency measurements, low speed measurements on air terminals, etc. All measurents are made in conformity with applicable standards as set AMCA and ISO.

Bouctouche - Canada

In Bouctouche, Canada we primarily produce duct fans heat exchangers for home ventilation on the North American market.

Kansas City - USA

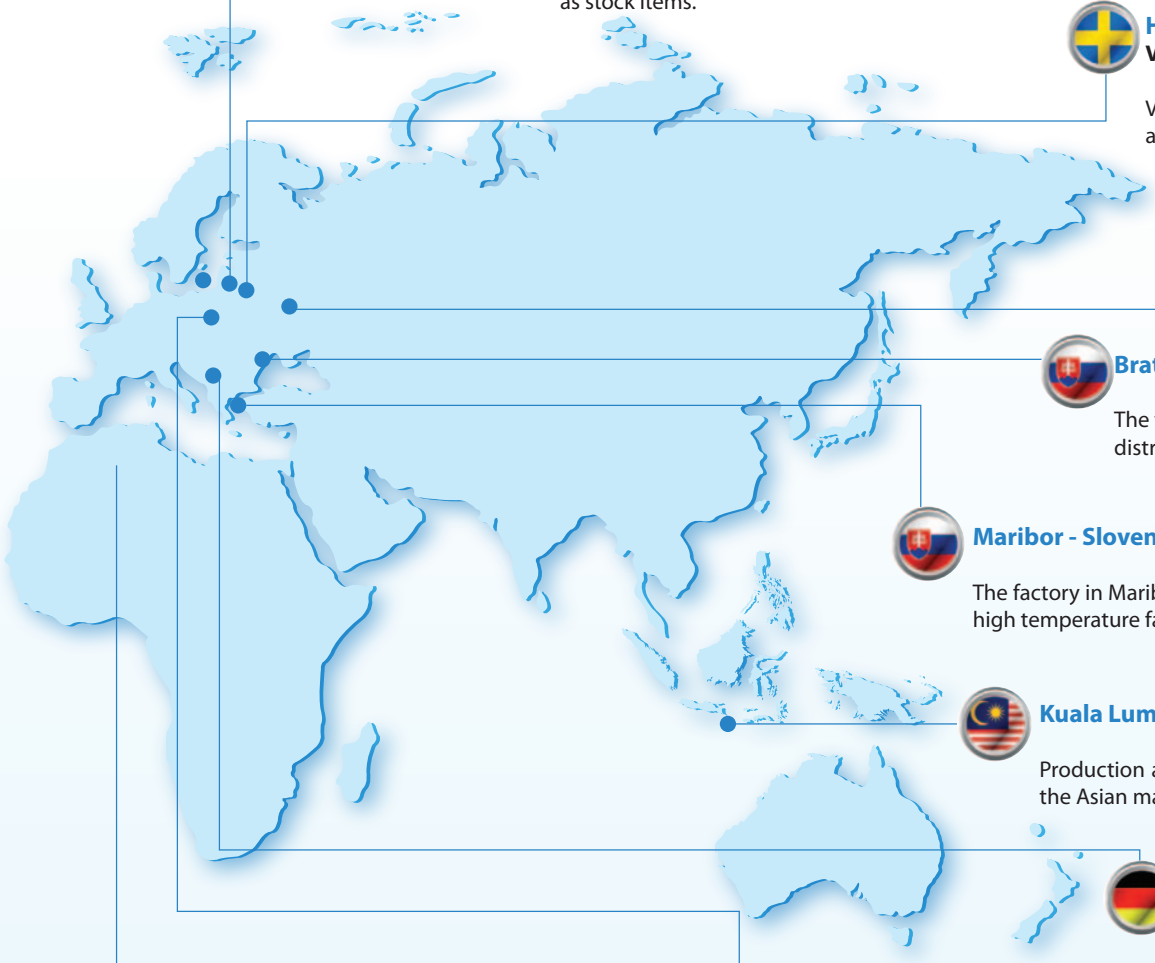
In Kansas City we produce ceiling fans, exhaust ceiling fans, wall fans and circulation air units.

Dal, Eidsvoll - Norway

In Eidsvoll, Norway we manufacture air handling units for the Norwegian market. The Norwegian warehouse is also lacated here.

Quality and enviroment

Systemair is certified according to ISO 9001 and ISO 14001. Our quality system allows us to continuously improve our products and our customer service. Certification means that we have undertaken to minimise our environment impact. We always take the environment into consideration when we choose sub-suppliers, materials, production methods, etc. An impotant factor is that we continouously work to reduce our energy consumption and reduce waste. Through increased recovery and heightened awareness we have been able to reduce our waste by 90%. Quality and environment management systems are under continuous development. These are audited twice a year by the certification body BVQI (Bureau Veritas Quality International). Detailed producti nformation can be found on our website, www.systemair.se.



Skinnskatteberg -Sweden
Main plant

The main plant in Skinnskatteberg houses one of the company's two central warehouses and the largest production installation as well as the group's head office. Fans and accessories are produced here as stock items.

Hassleholm - Sweden
VEAB

VEAB in Hassleholm manufactures first and foremost heating coils and hot air fans.

Ukmerge - Lithuania

Production of air handling units for homes.

Bratislava - Slovakia

The factory in Bratislava manufactures air distribution products and fire dampers.

Maribor - Slovenia

The factory in Maribor, Slovenia specialises in high temperature fans for up to 600ºC.

Kuala Lumpur - Malaysia

Production and warehousing of products for the Asian market.

Windischbuch - Germany

In Windischbuch, Germany a broad assortment of fans are manufactured of which the majority are stock items. One of Systemair's central warehouses is located here.

Madrid -Spain

The factory in Madrid, Spain makes air handling units for the southern European market.

Hasselager - Denmark

The factory in Hasselager, Denmark manufactures large air handing units. All production here is order based.

AXC(A) Axial Fans

Standard features:

- Aerofoil impeller with adjustable pitch angle
- Die cast aluminium hub and blades
- Long casing, hot dip galvanized steel, 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, insulation class F, in accordance with EN 60034-5/IEC 85
- Suitable for operating temperatures of up to 55°C
- Inspection hole to verify correct direction of rotation

The Systemair AXC(A) range of long cased smoke extract axial fans is available in sizes from 315 up to 1.600 mm impeller diameter. The adjustable pitch angle setting ofers a wide performance and maximum flexibility to match precisely individual airflow requirements. The AXC(A) axial fans have been performance tested in accordance with DIN ISO 5801, DIN 24163 and AMCA 210-99 in a laboratory accredited by AMCA. High temperature testing at Technical University Munich, Germany.

Systemair Sdn Bhd certifies **that** AXC(A) **Axial** Fan 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.

High efficiency impellers

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

Sturdy casing

AXC(A) axial fan casings are heavy gauge, hot dip galvanized, with spun flanges for high rigidity. Long cased execution as standard stock range.

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

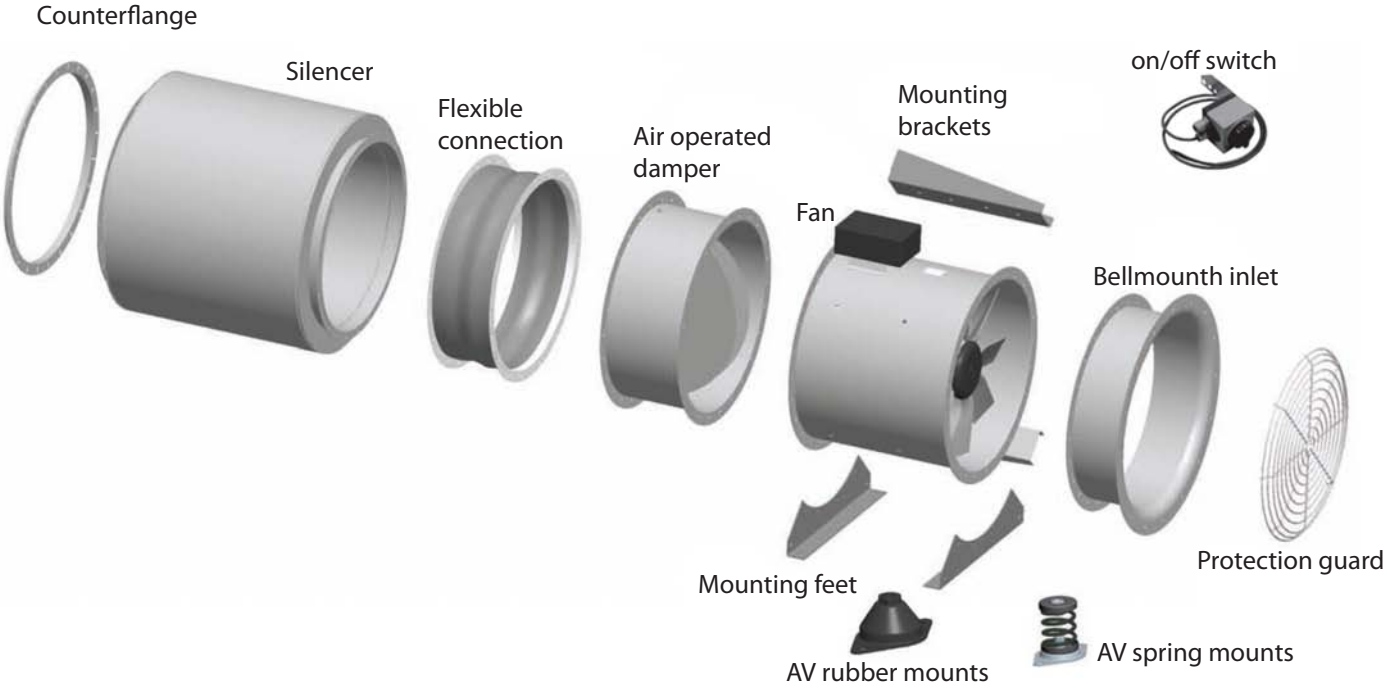
Systemair is ISO 9001: 2008 approved. The Systemair quality is regularly monitored by TÜV Süd.

CERT NO : 2009-2-1779
ISO atings Program001
: 2008

AXC(A)630 - 10 - 4 - 22°

- pitch angle
- 4-pole motor
- Number of blades
- Impeller diameter
- Axial fan

Fan installation with accessories

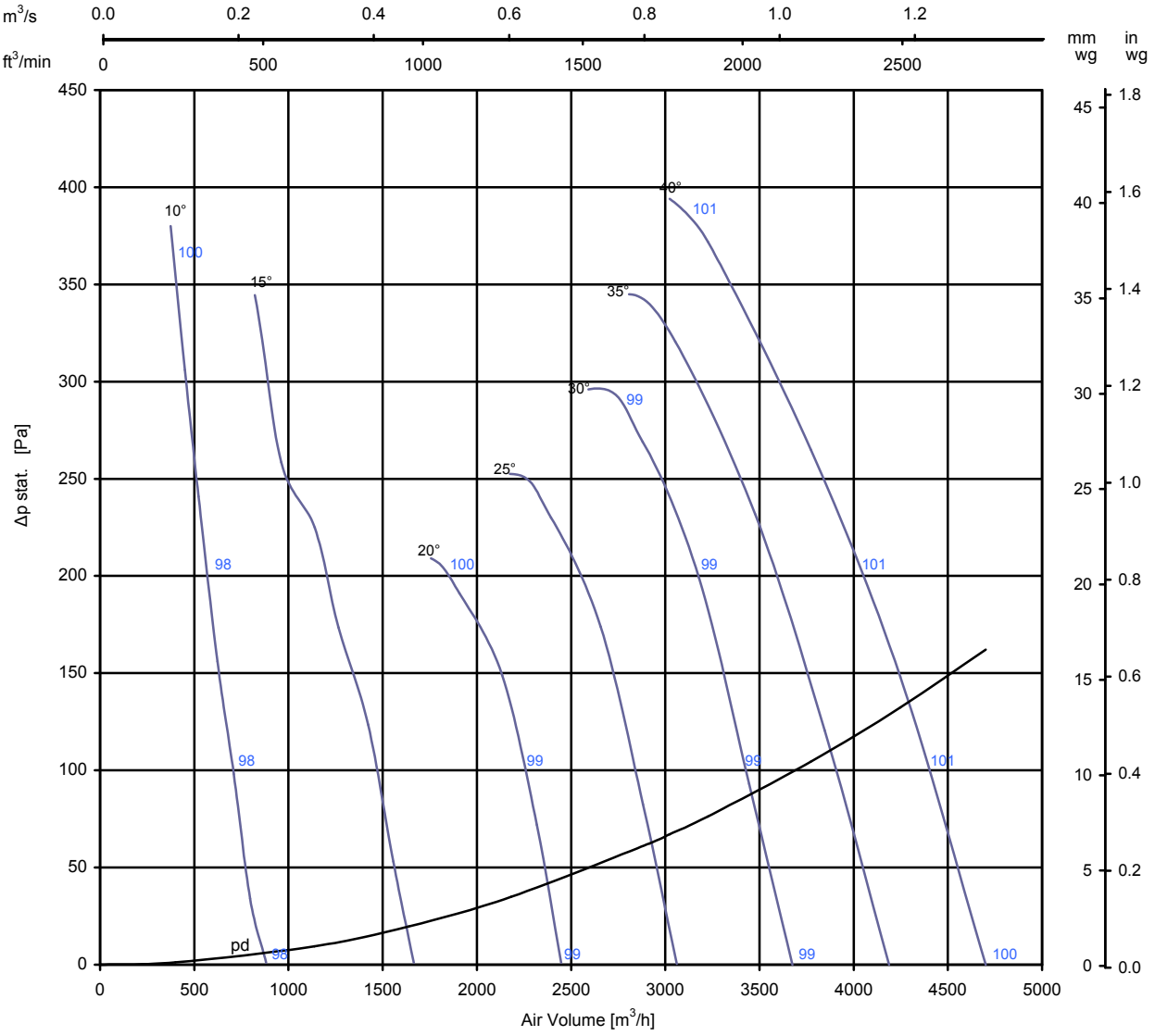


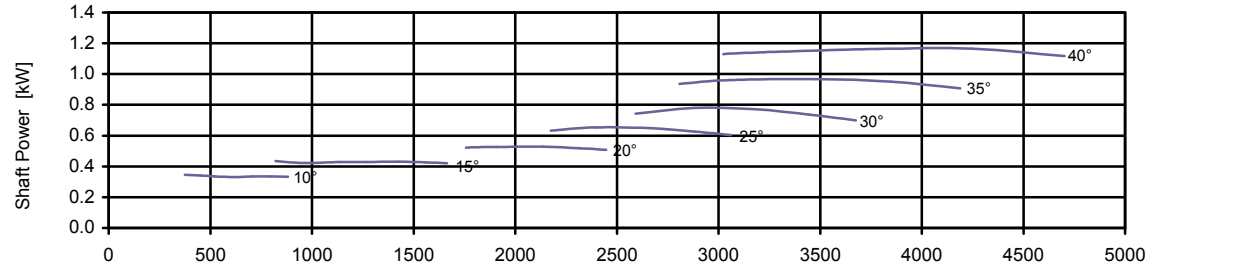
Systemair

Matthews & Yates Division

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

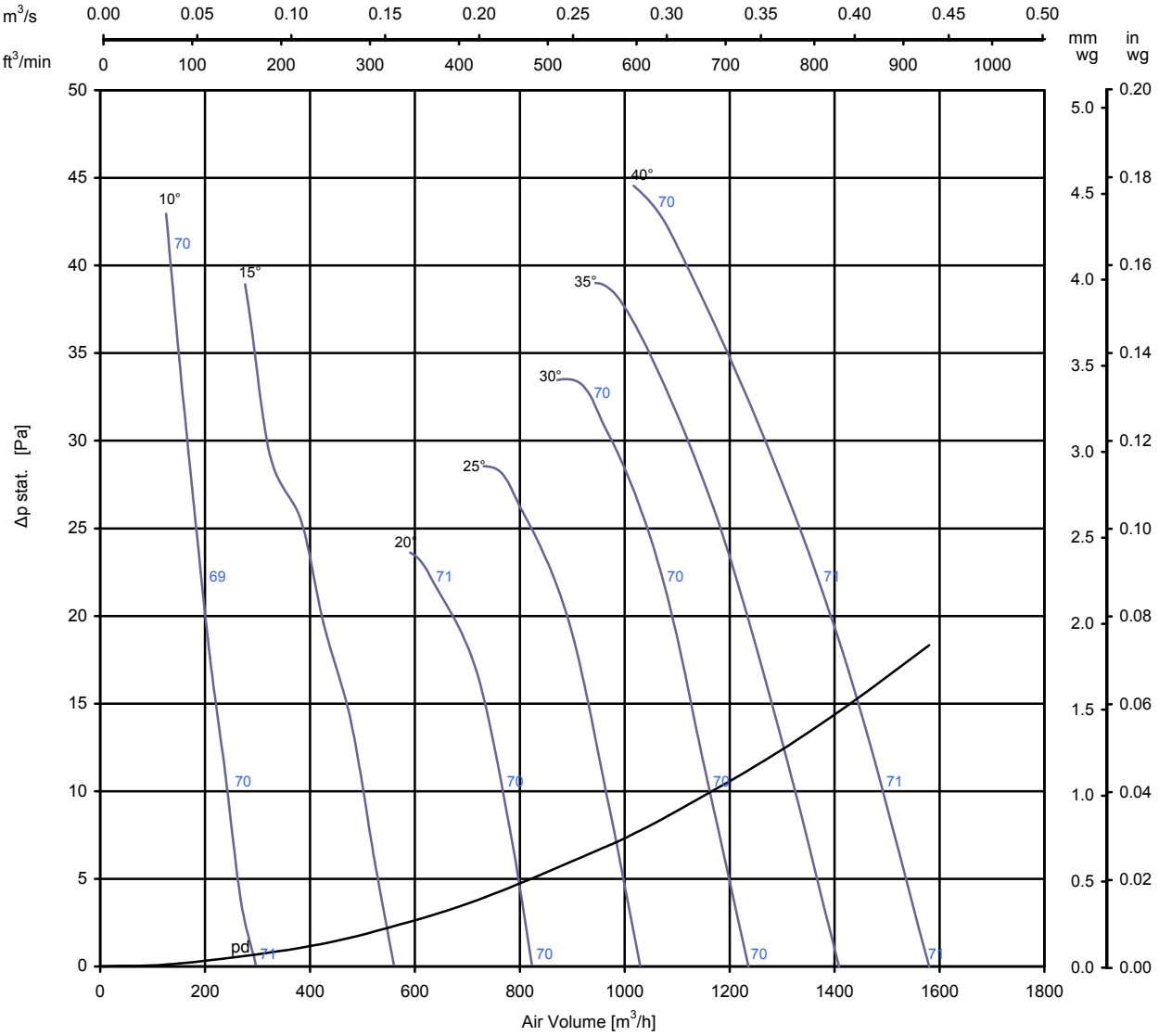
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown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

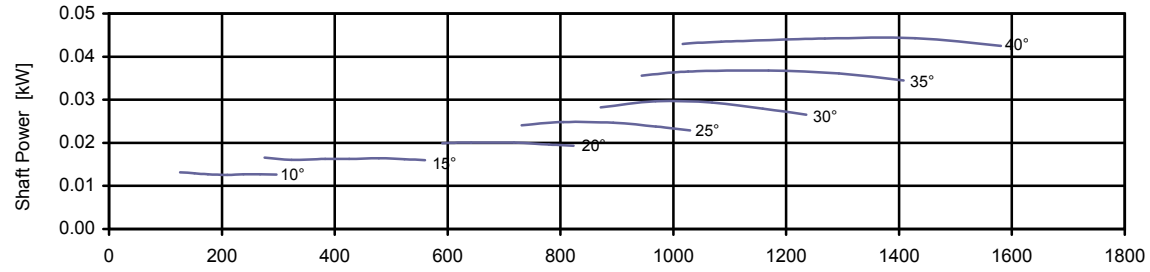
Systemair

Matthews & Yates Division

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/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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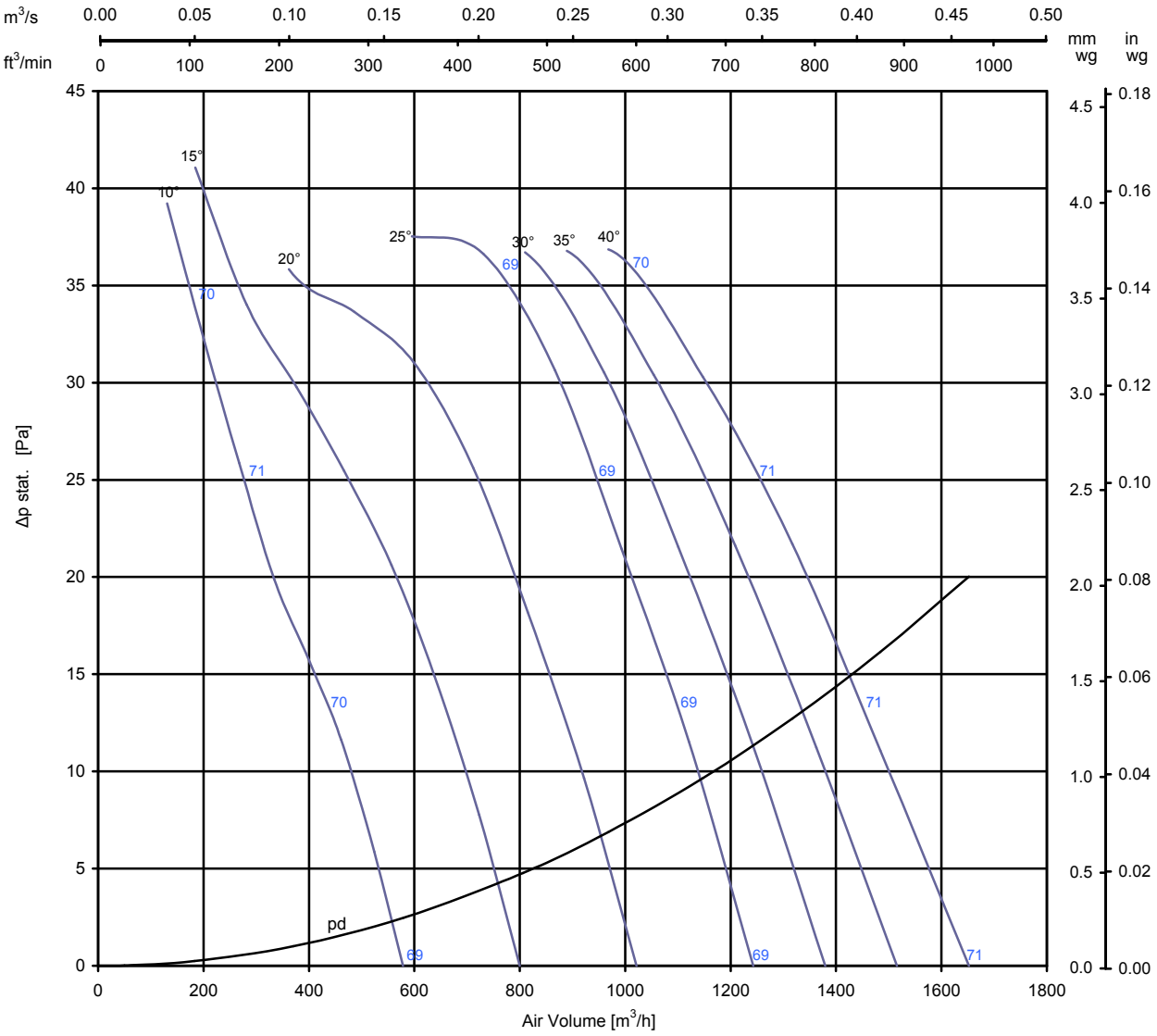
Systemair

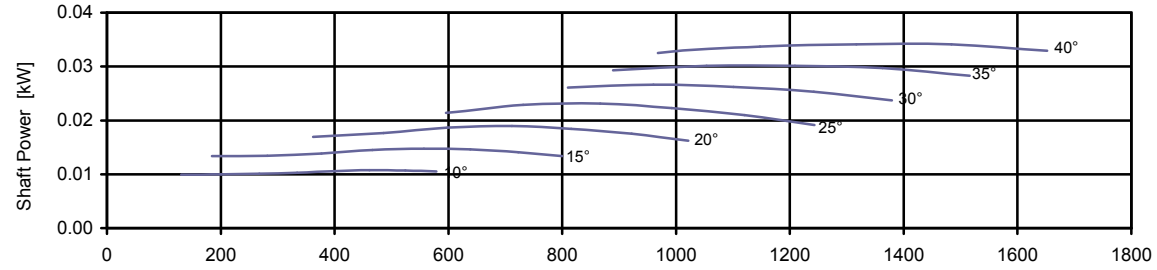
Matthews & Yates Division

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

V

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	-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

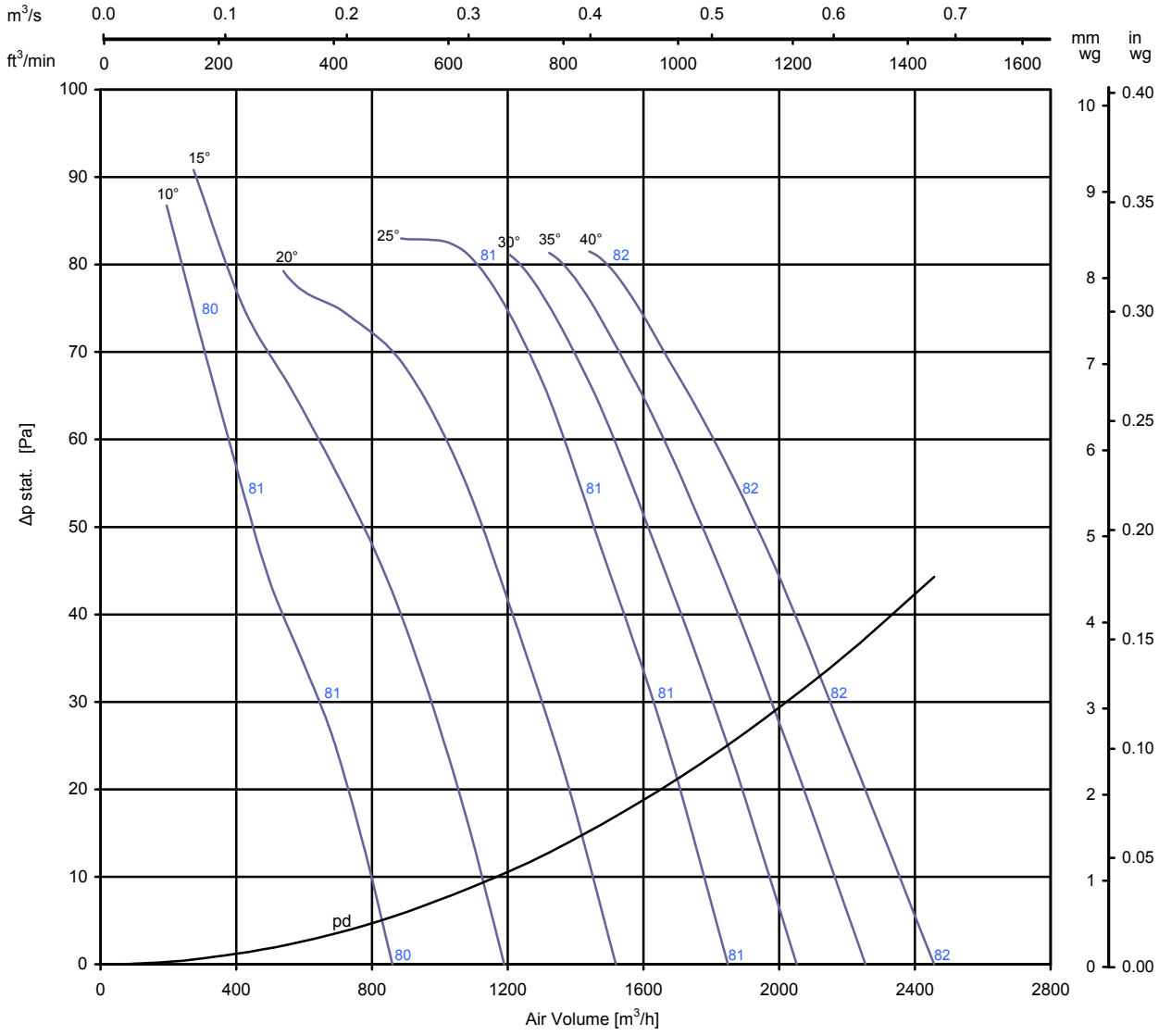
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

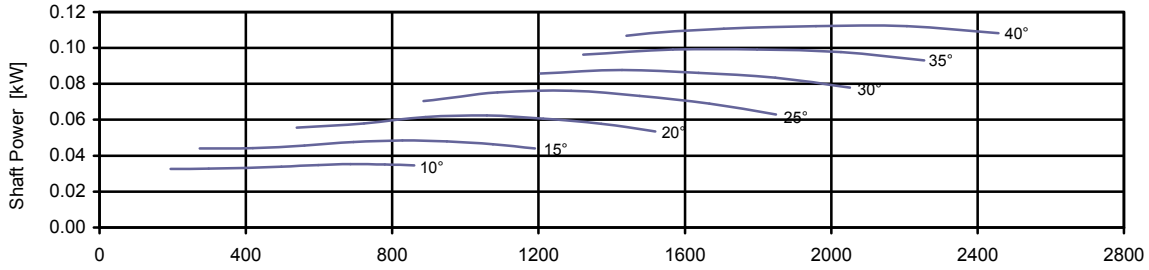
Systemair

Matthews & Yates Division

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/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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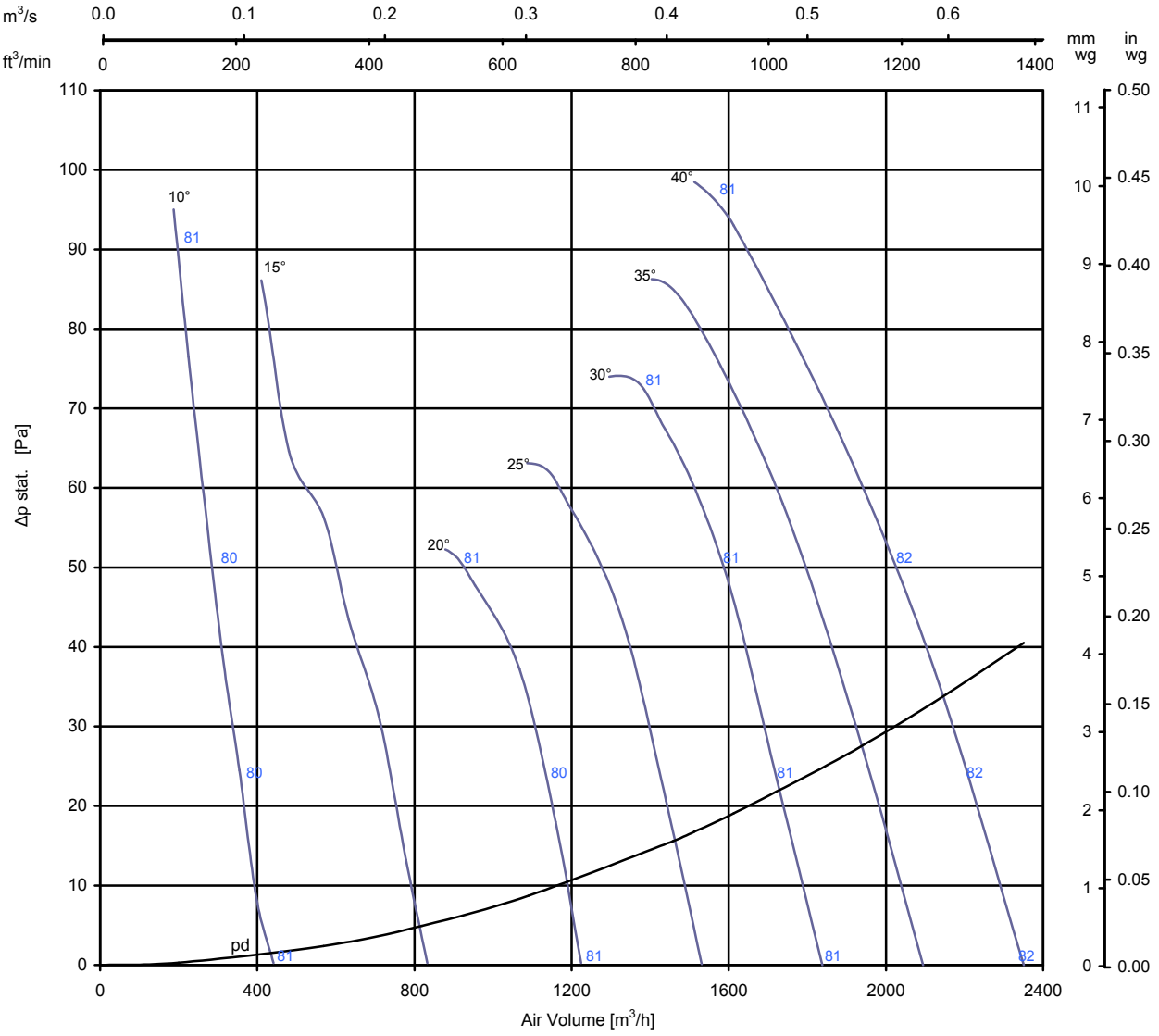
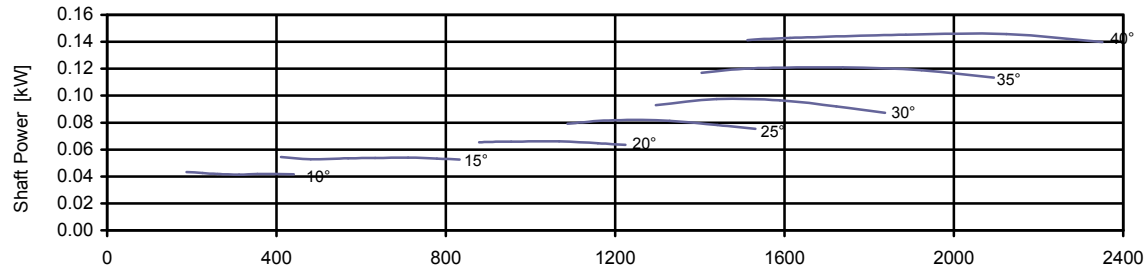
Systemair

Matthews & Yates Division

AXC(A) 315-10-4, 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°	<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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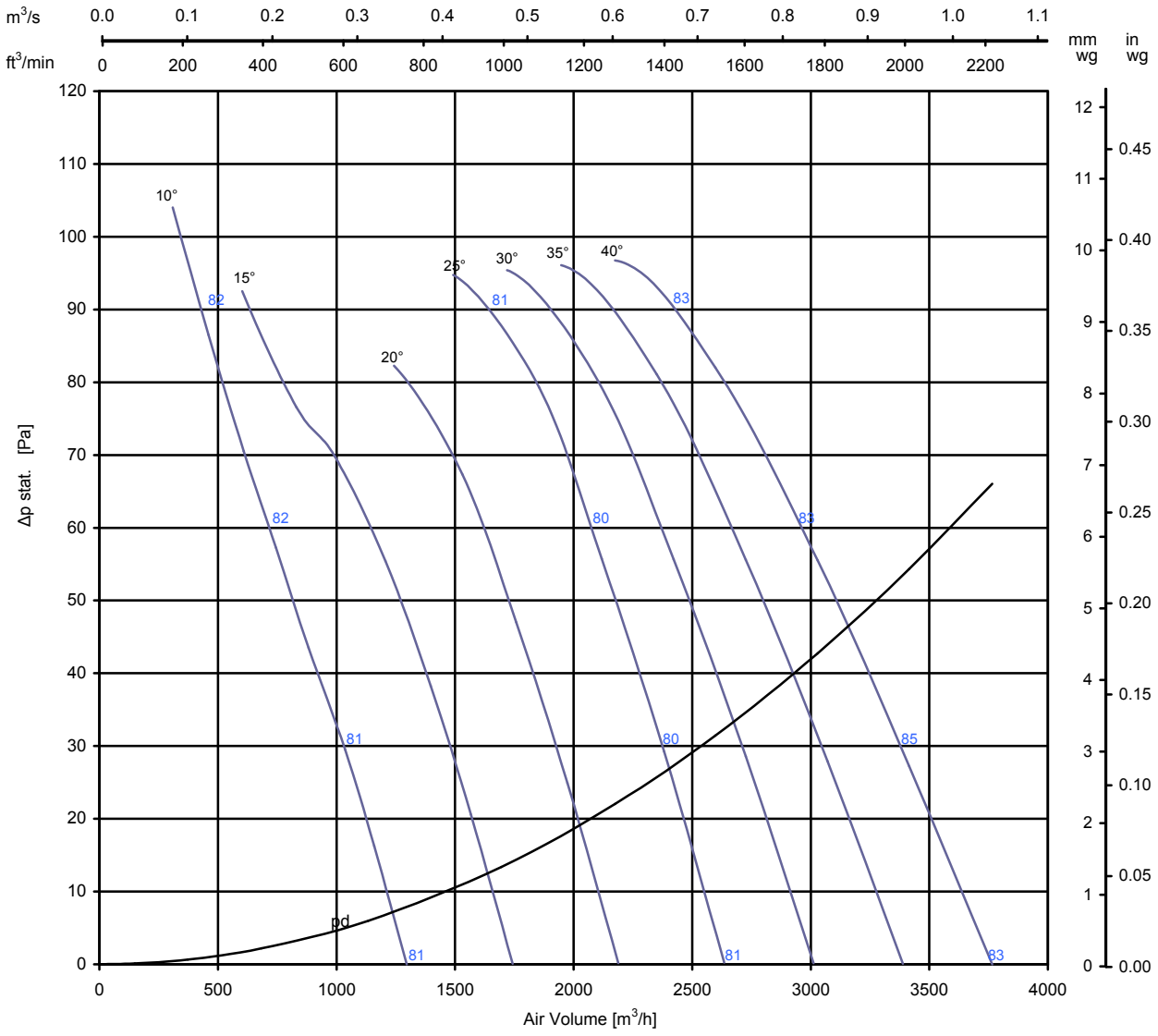
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

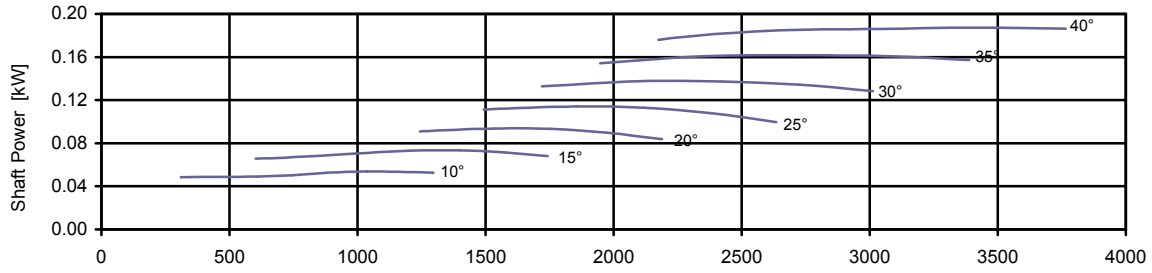
Systemair

Matthews & Yates Division

AXC(A) 355-5-4, 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°	<50	-4	-8	-7	-6	-12	-17	-23	-29
	<90	-4	-3	-10	-8	-15	-21	-26	-30
25°	<50	-4	-6	-8	-8	-14	-16	-21	-25
	<90	-4	-4	-7	-10	-15	-17	-21	-25
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

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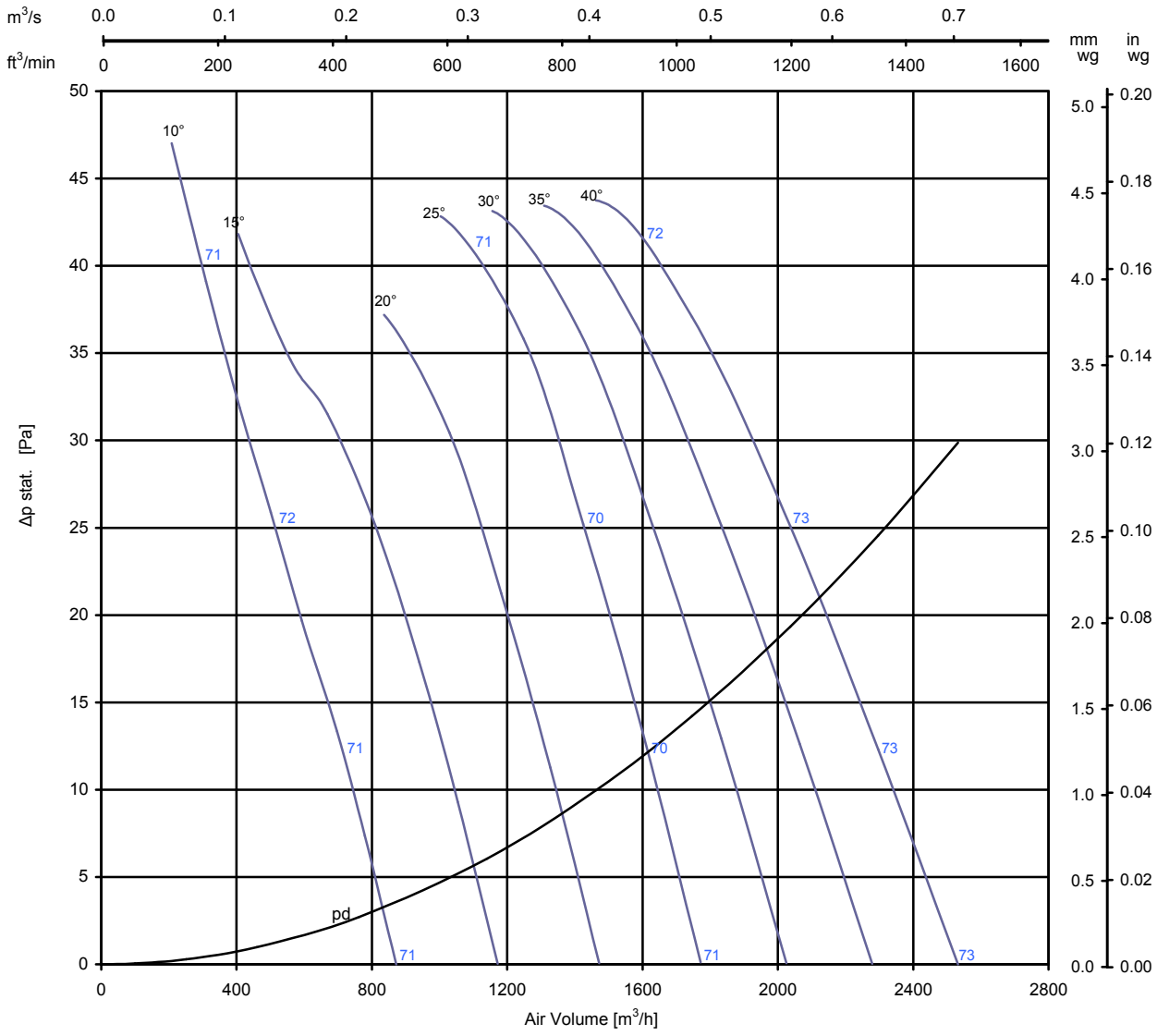
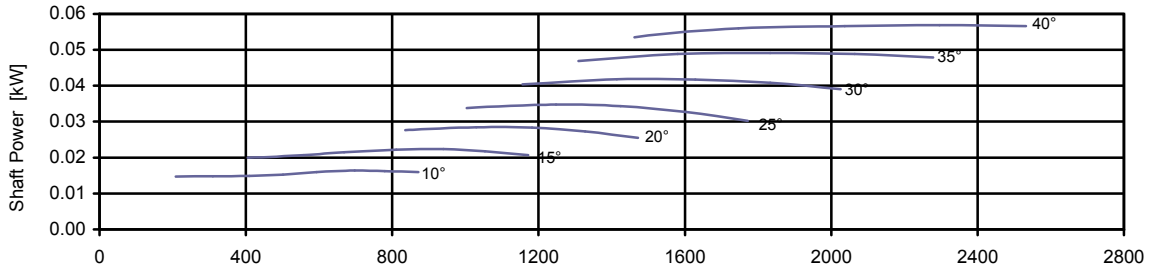
Systemair

Matthews & Yates Division

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

Axial Fan
Hub : 150mm





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Inlet Levels									
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10°	<20	-6	-6	-5	-8	-13	-19	-25	-31
	<40	-2	-6	-6	-9	-16	-22	-26	-30
25°	<20	-4	-5	-7	-10	-14	-18	-22	-26
	<40	-3	-5	-8	-11	-15	-18	-22	-26
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

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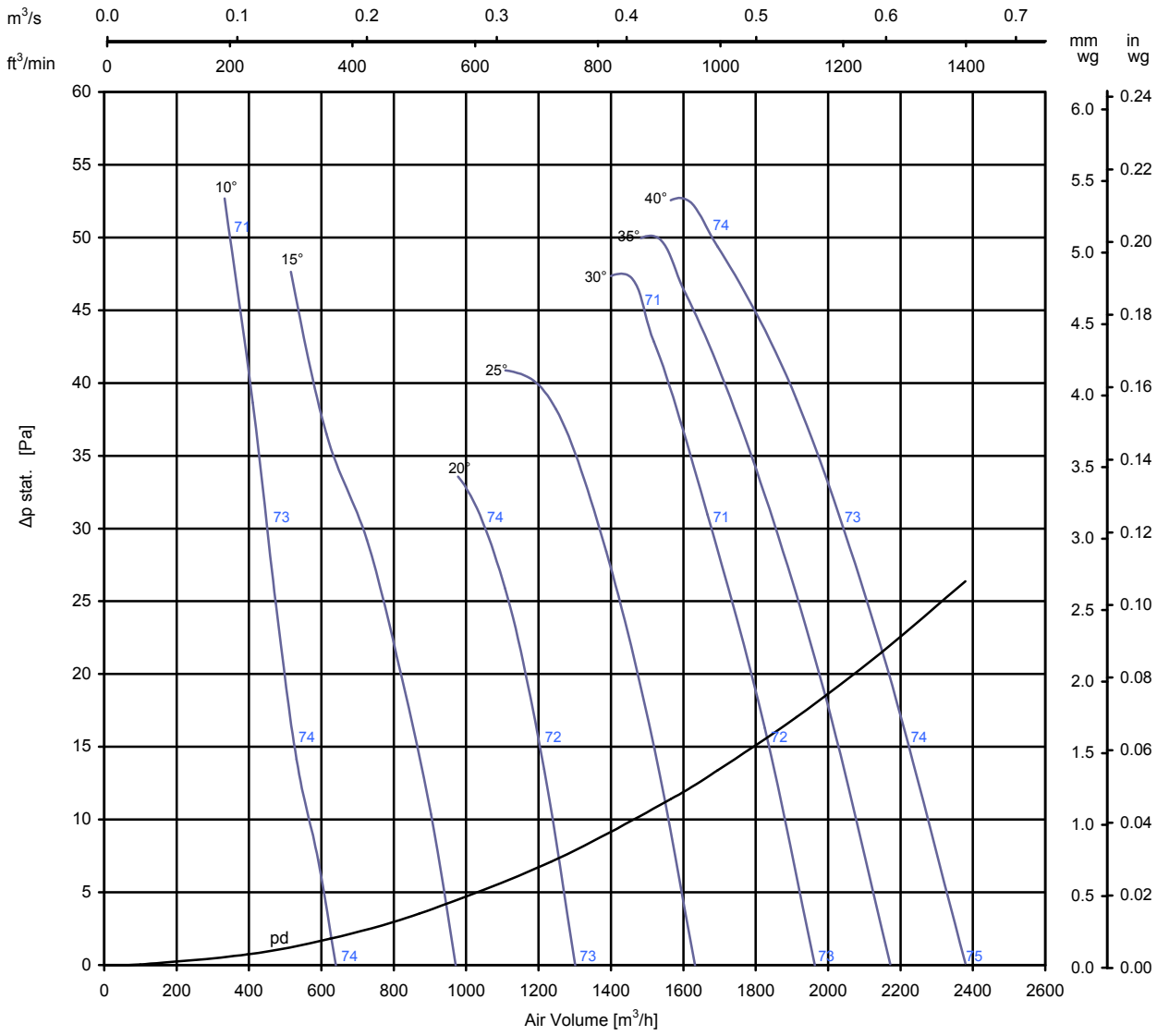
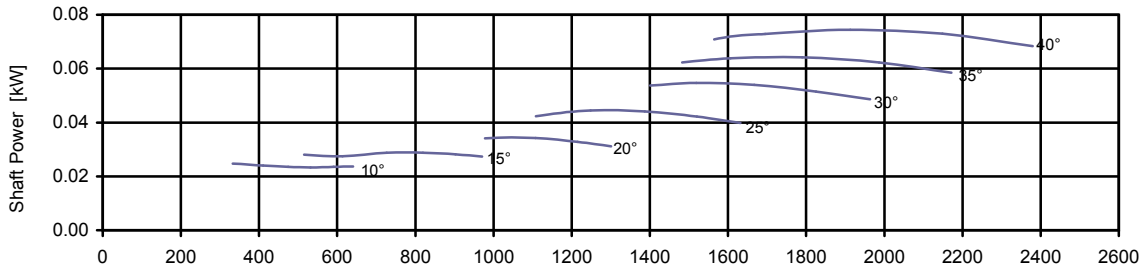
Systemair

Matthews & Yates Division

AXC(A) 355-10-6, 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°	<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).
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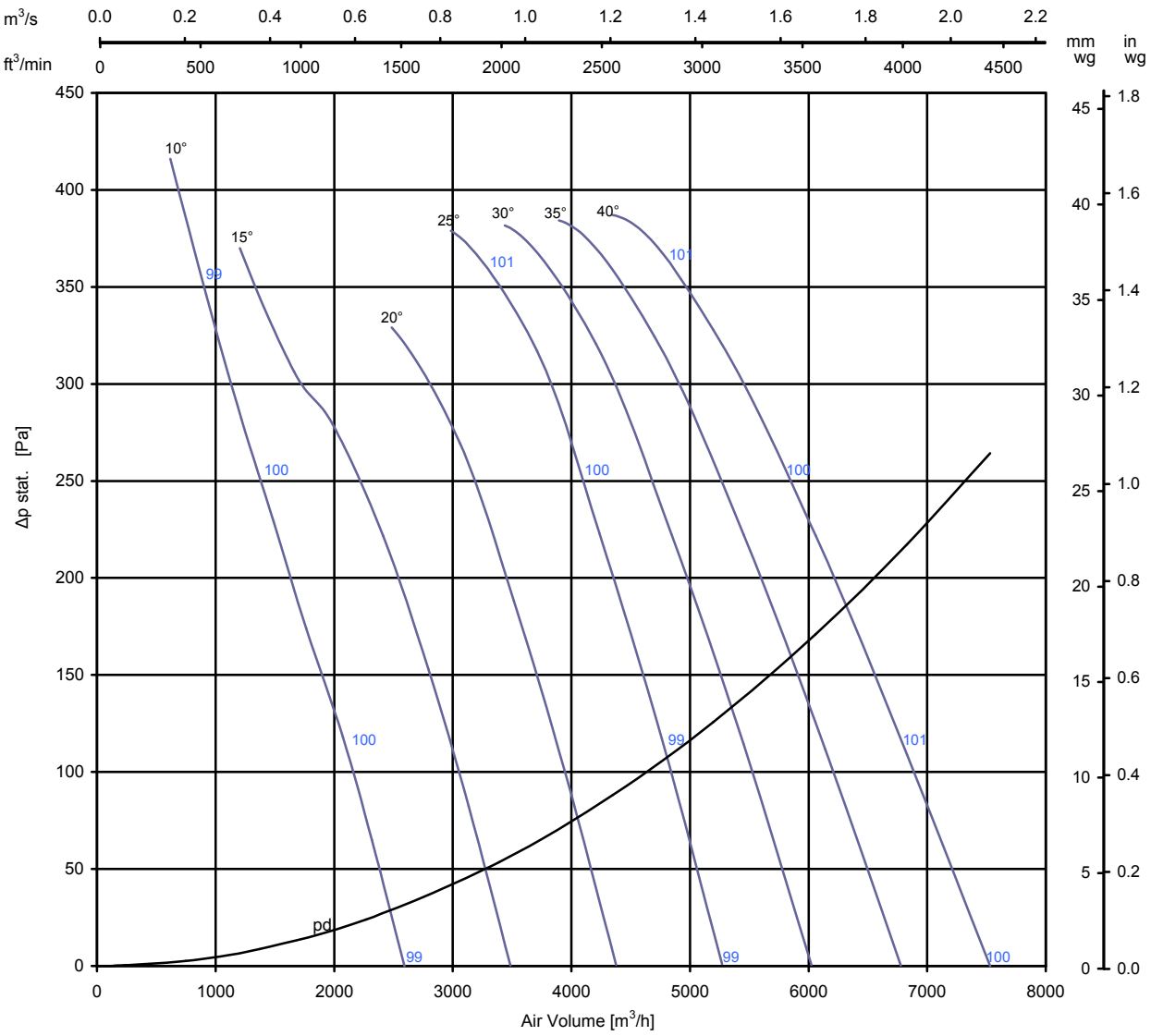
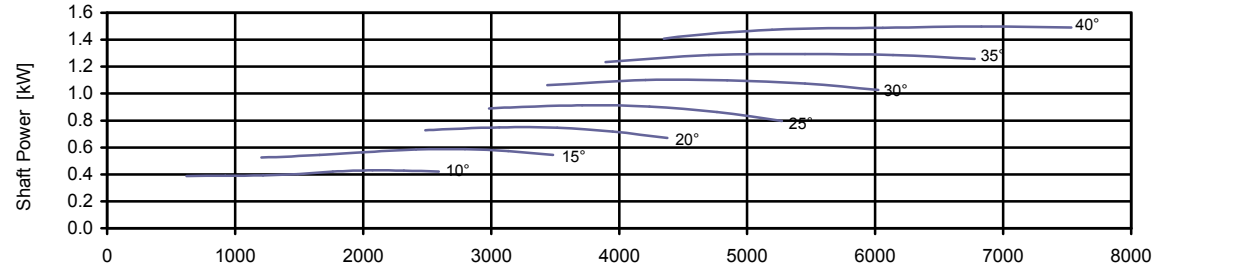
  Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

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	-1	-7	-10	-13	-12	-17	-20	-26
	<360	-1	-9	-10	-13	-16	-20	-23	-27
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/m³, 20°C, 1013hPa

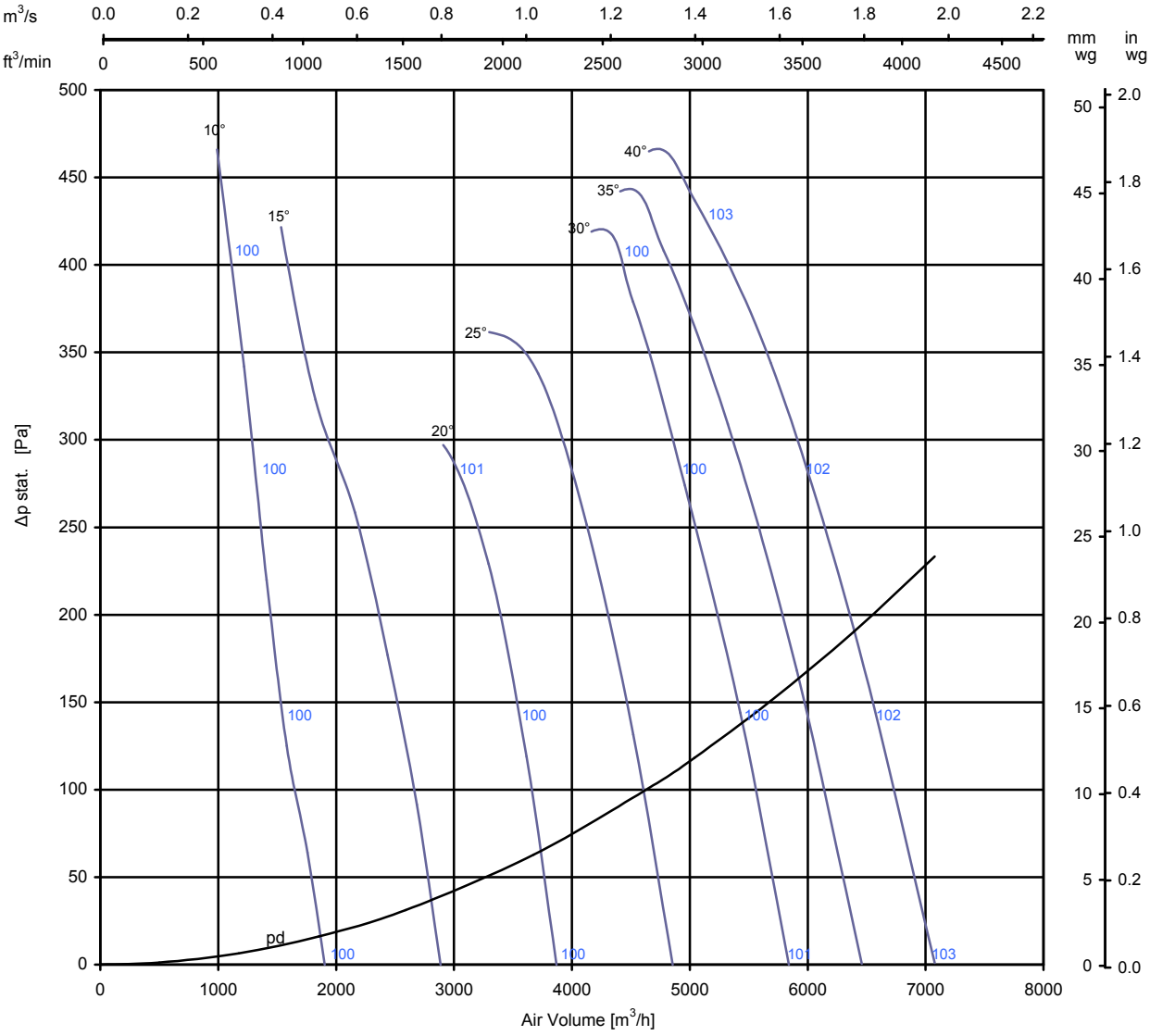
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

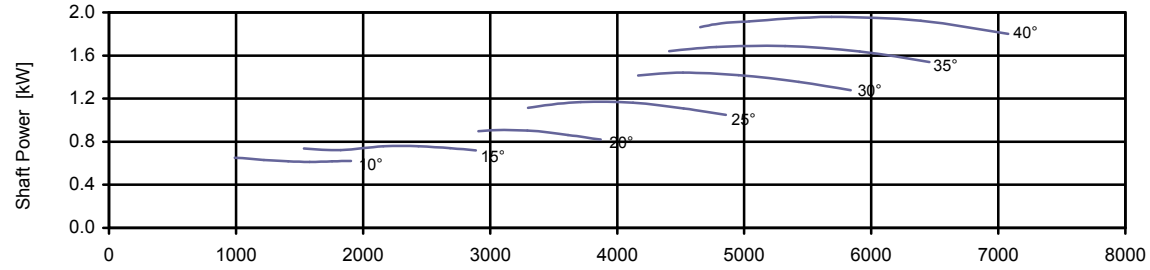
Systemair

Matthews & Yates Division

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.

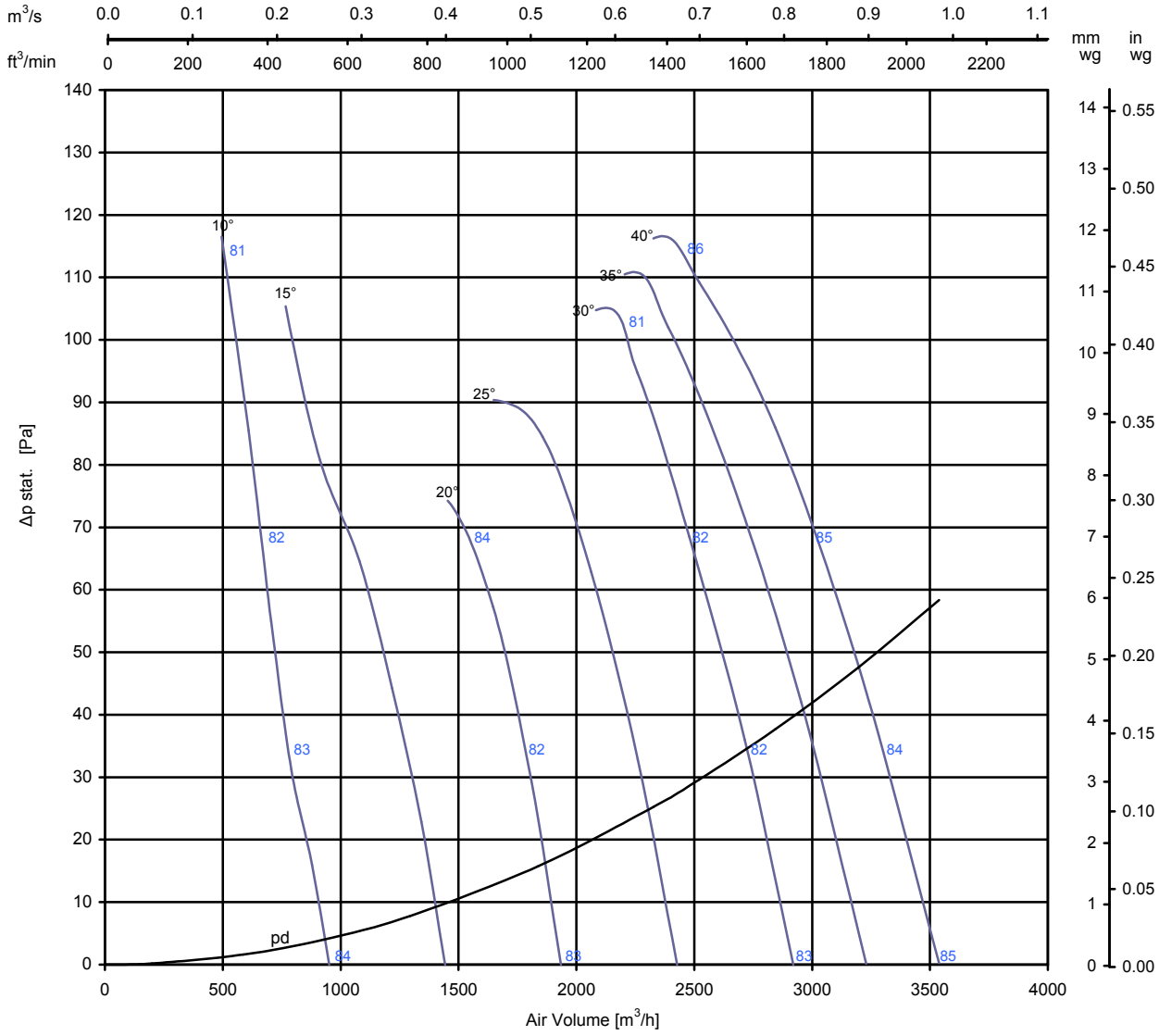
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<200	-3	-8	-8	-7	-11	-15	-20	-26
	<450	-3	-8	-8	-8	-12	-17	-21	-28
20°	<200	-3	-6	-11	-8	-11	-15	-18	-24
	<290	-3	-4	-7	-8	-13	-17	-20	-26
30°	<200	-2	-6	-14	-11	-11	-15	-19	-25
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

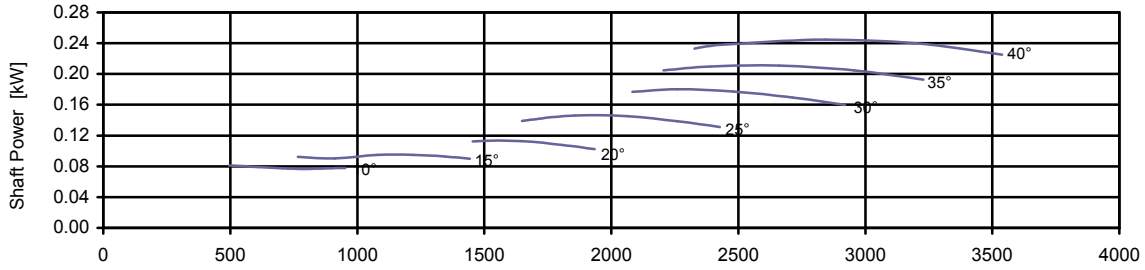
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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.

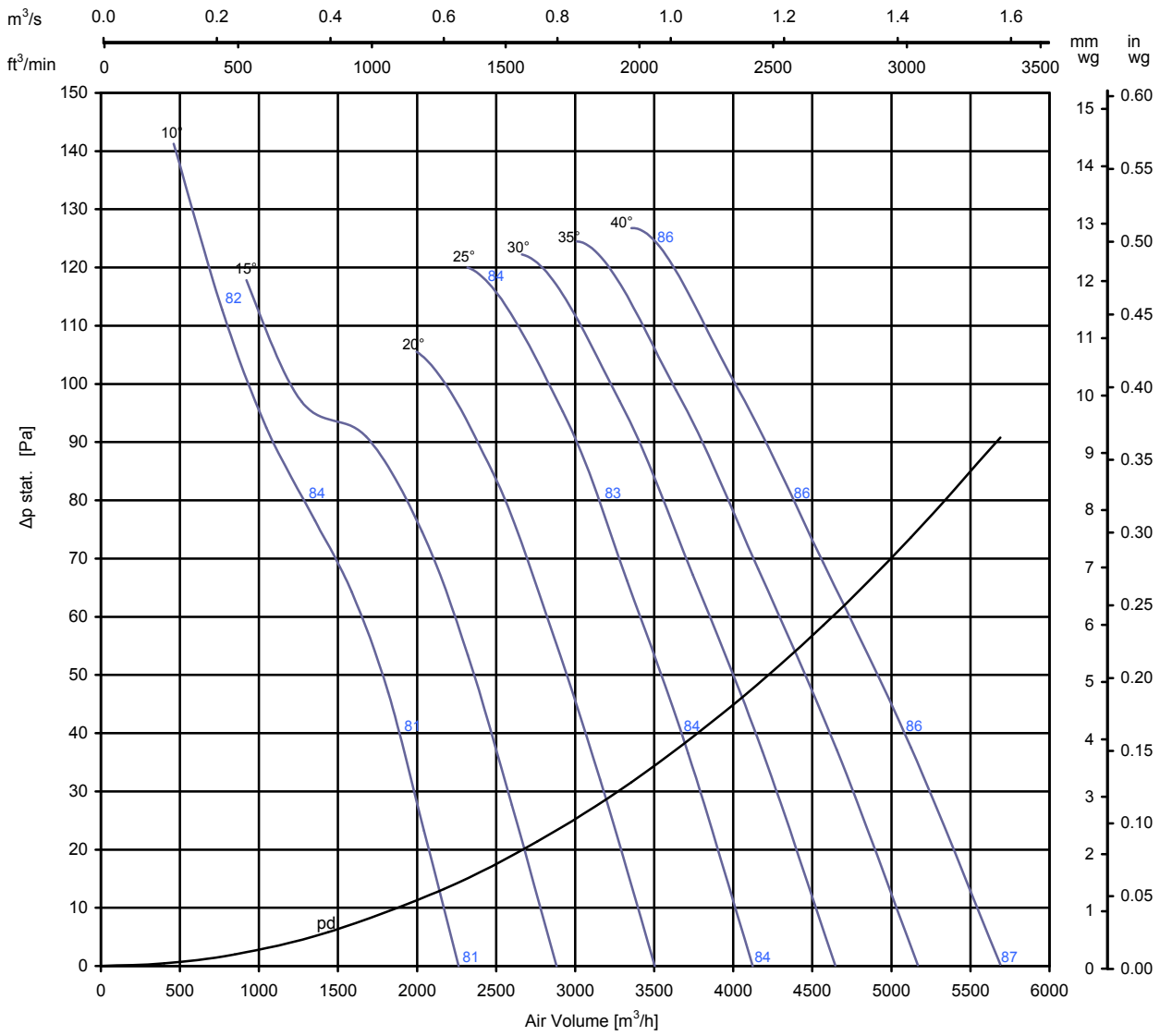
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-6	-5	-5	-9	-13	-18	-24	-30
	<110	-4	-4	-7	-10	-15	-18	-24	-30
20°	<50	-3	-9	-6	-9	-13	-16	-22	-28
	<70	-3	-6	-6	-10	-14	-17	-23	-29
30°	<50	-3	-10	-8	-7	-12	-15	-21	-27
	<100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

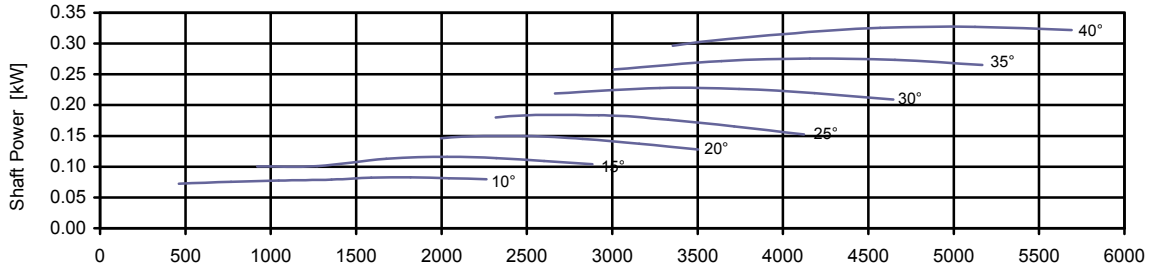
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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.

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	-3	-2	-13	-10	-14	-17	-21	-25
	<120	-3	-5	-10	-11	-15	-18	-23	-27
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.

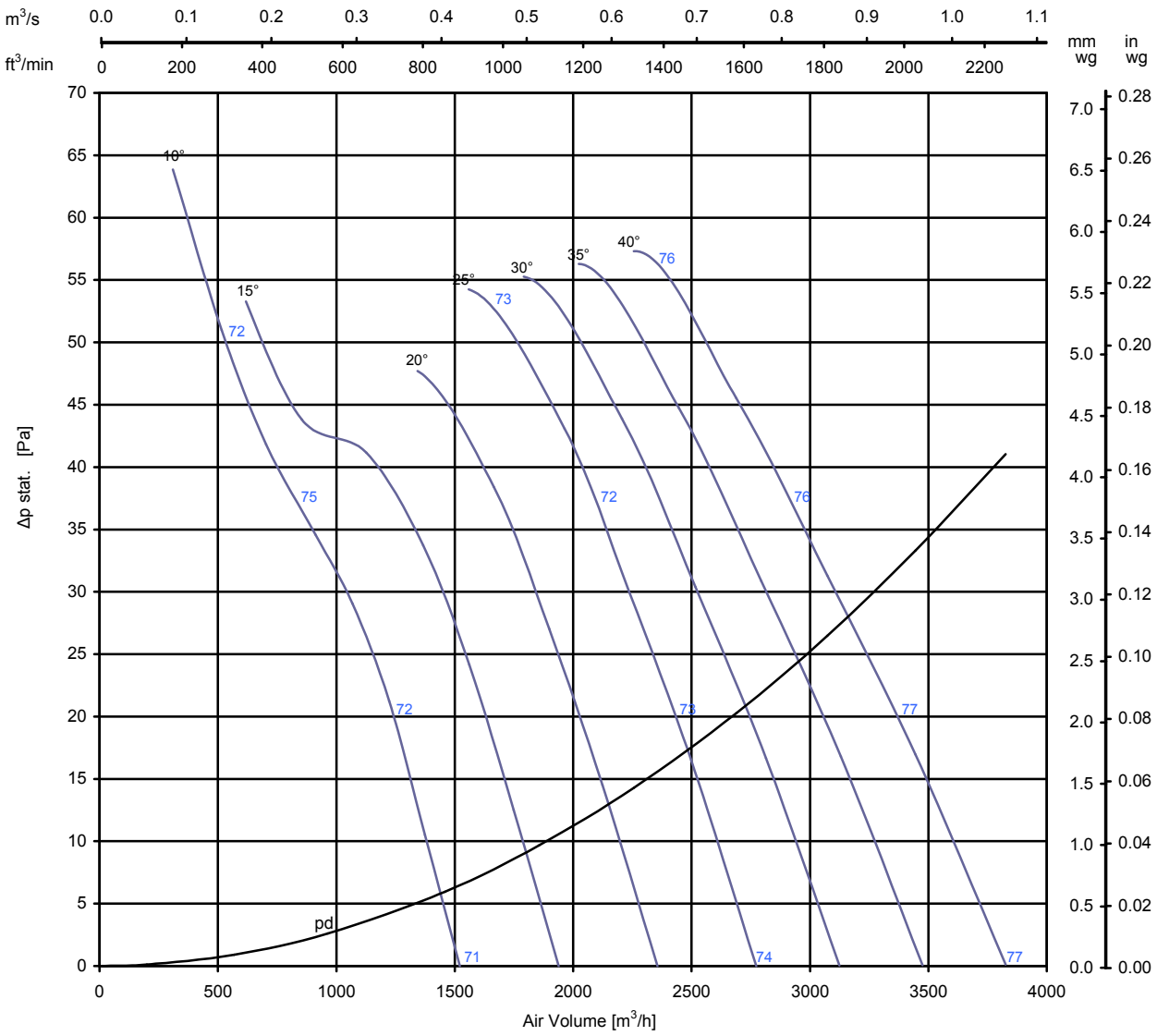
Systemair

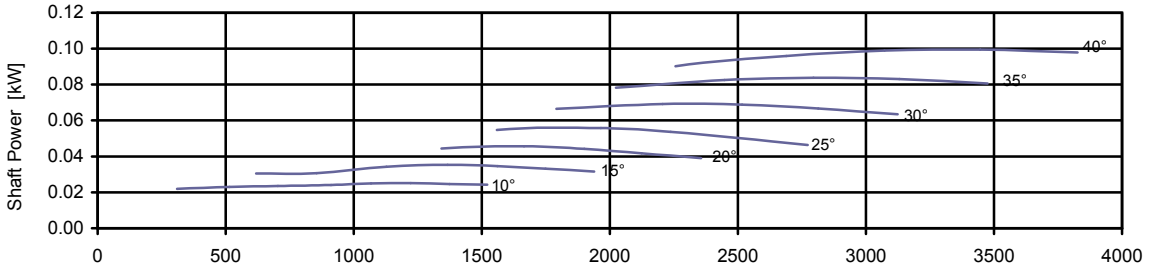
Matthews & Yates Division

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

V

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	-7	-10	-11	-14	-17	-21	-25
	<50	-2	-6	-8	-11	-15	-18	-23	-27
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

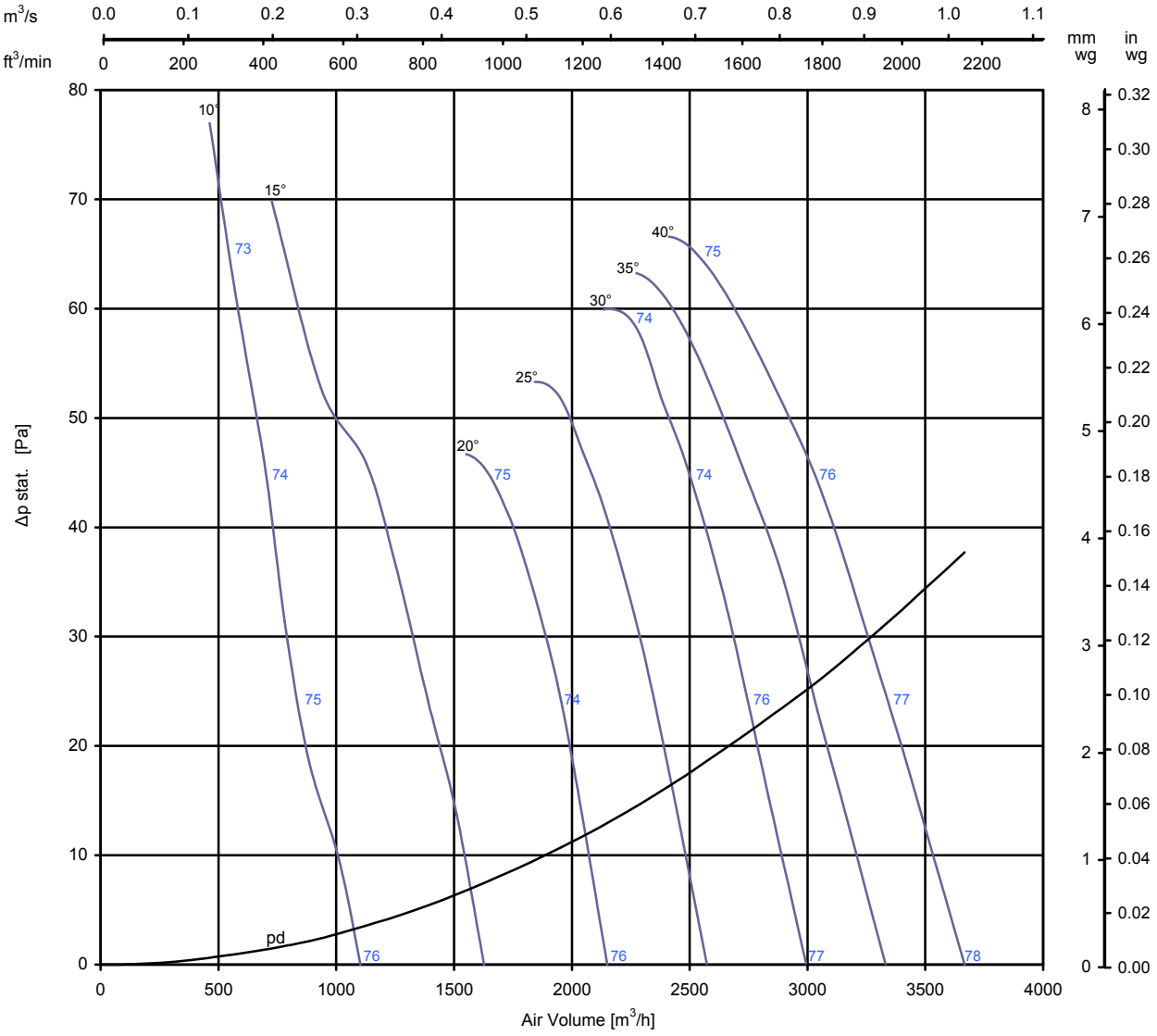
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown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

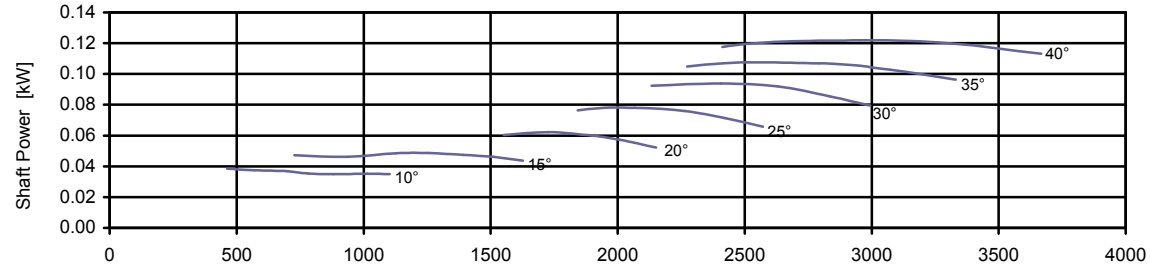
Systemair

Matthews & Yates Division

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

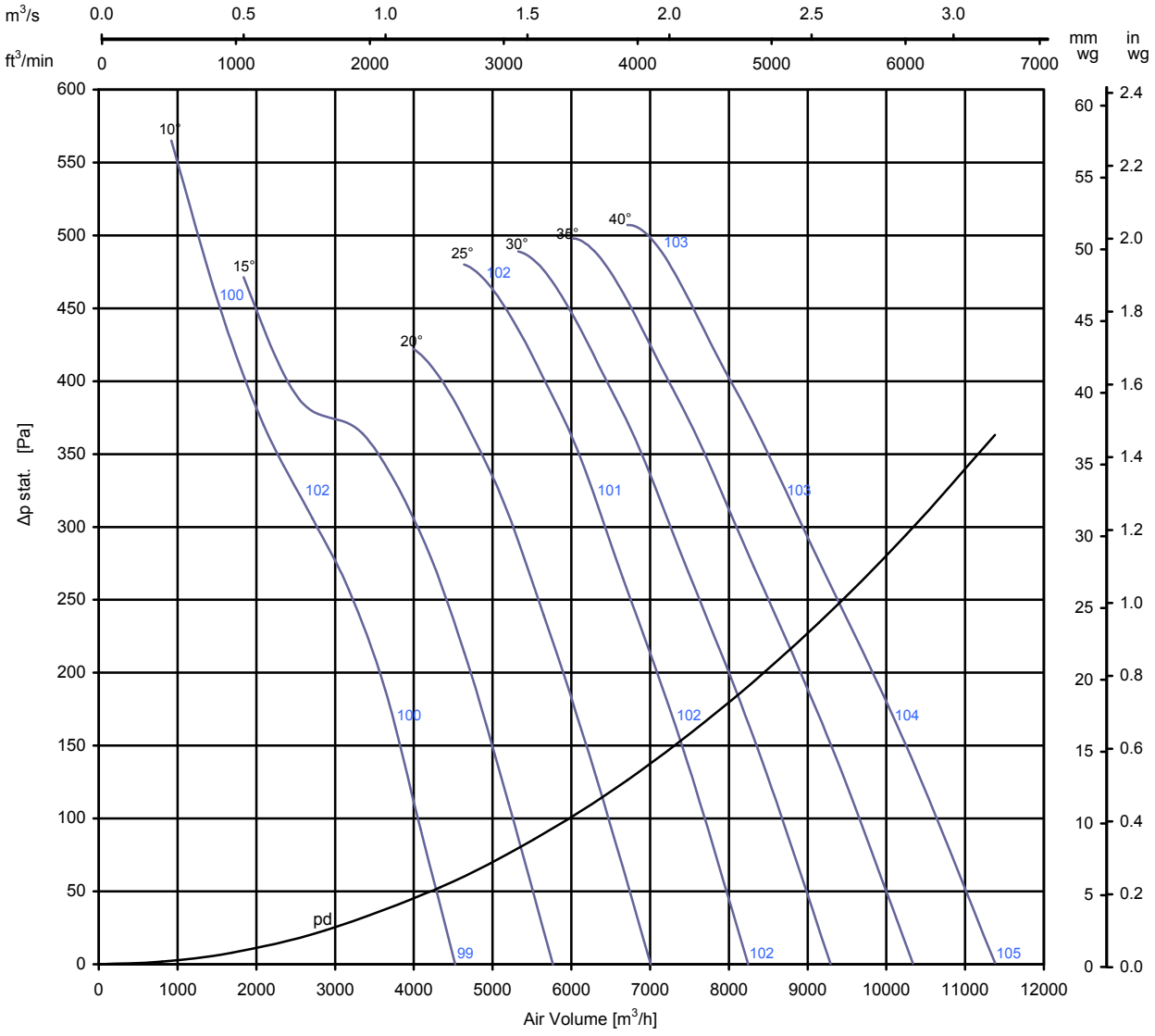
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown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

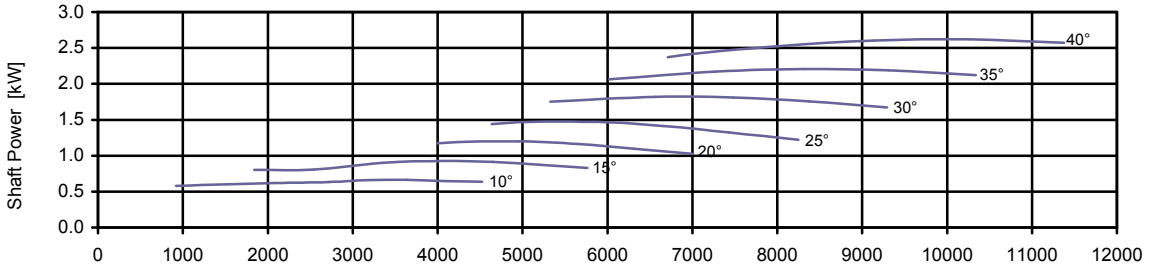
Systemair

Matthews & Yates Division

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	-3	-6	-5	-15	-13	-16	-20	-24
	<450	-3	-5	-8	-12	-13	-17	-21	-25
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/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.

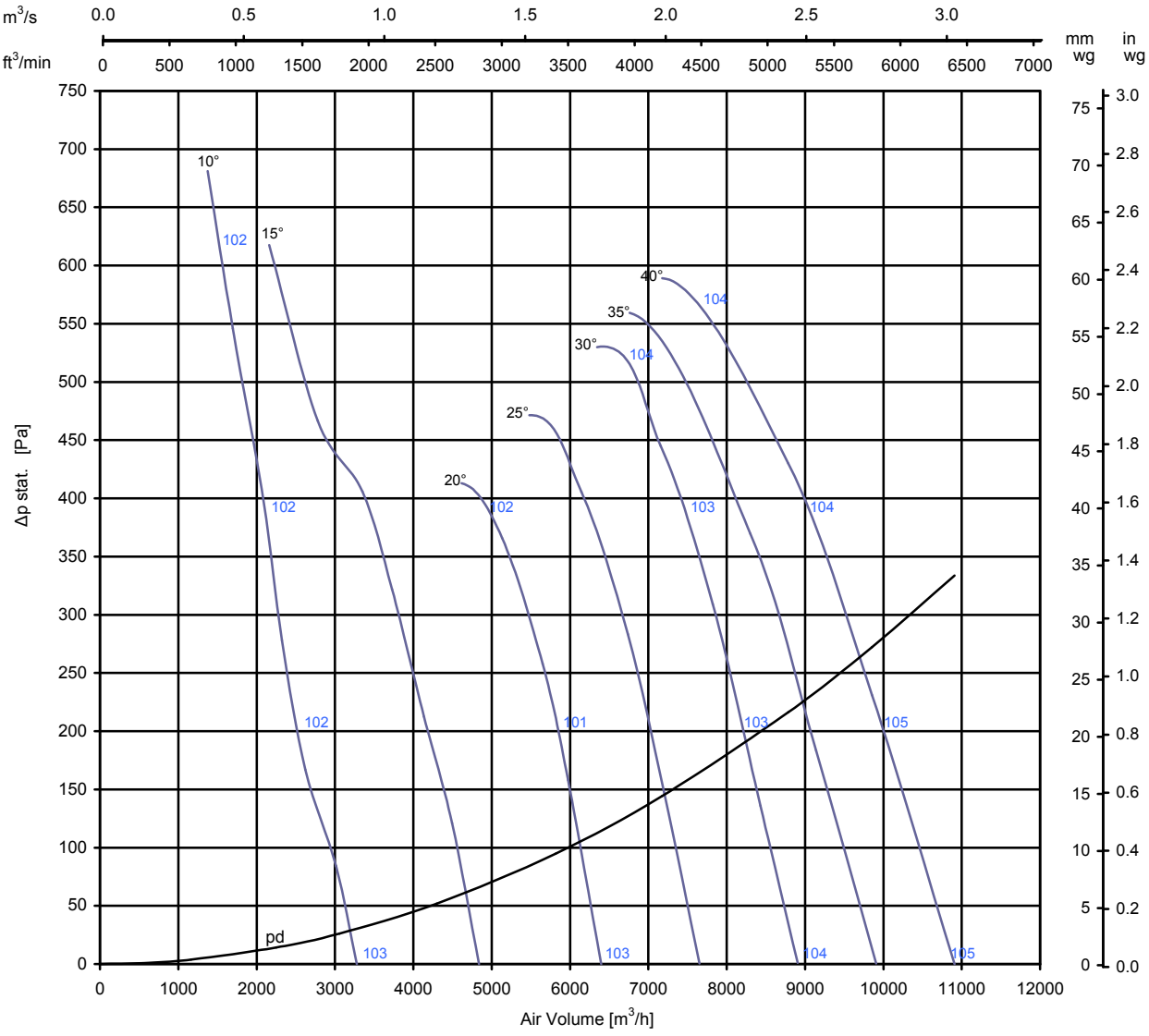
Systemair

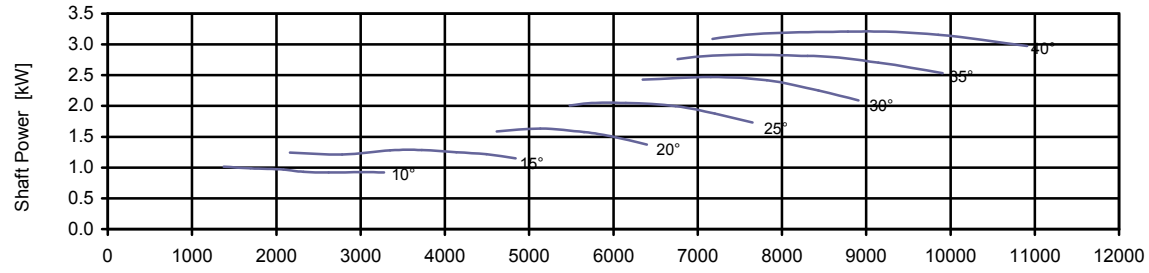
Matthews & Yates Division

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

V

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.

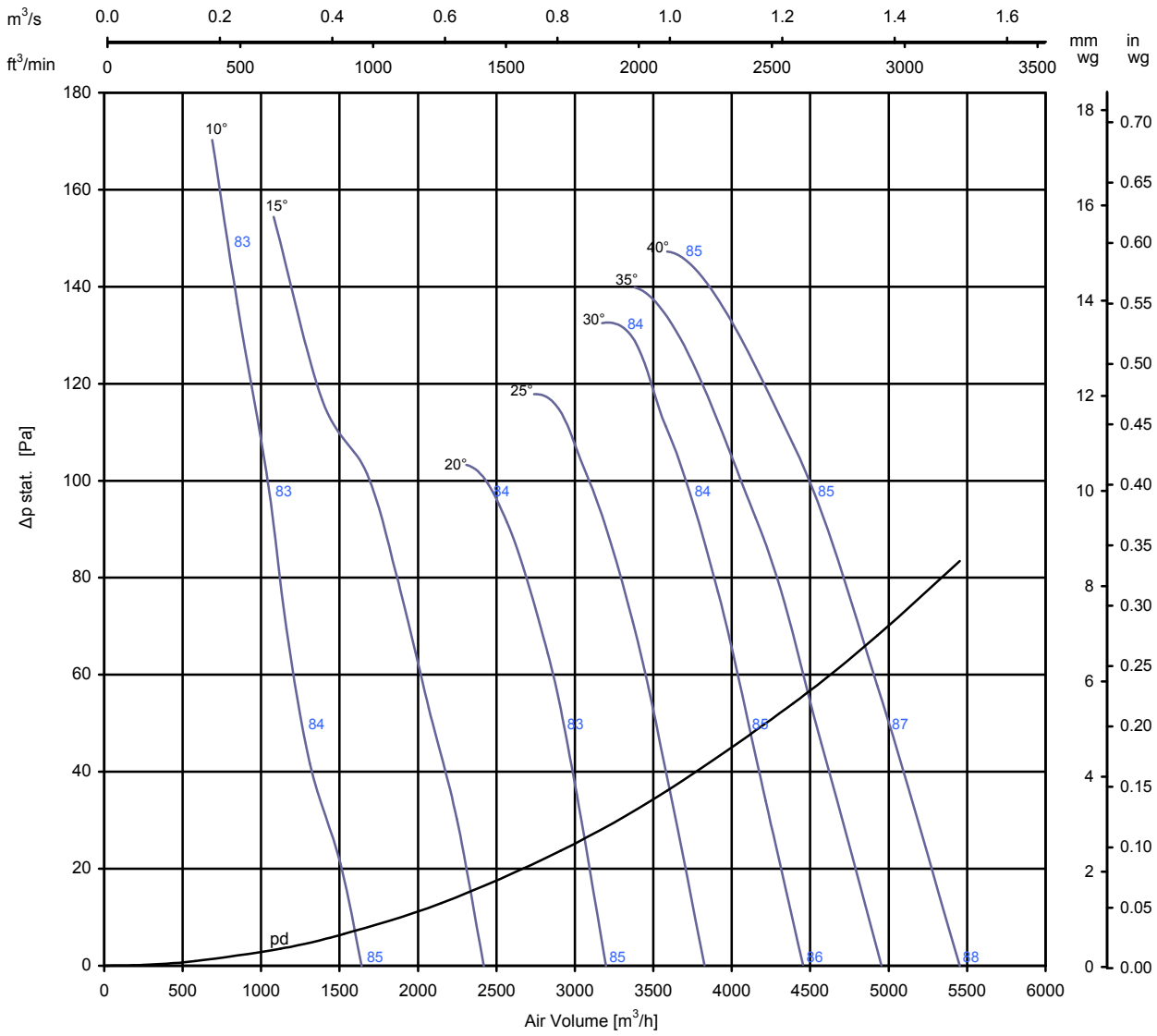
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<250	-3	-8	-9	-8	-10	-13	-18	-24
	<650	-3	-9	-8	-10	-13	-16	-21	-26
20°	<250	-3	-9	-13	-8	-7	-14	-16	-22
	<400	-4	-7	-9	-9	-9	-14	-18	-23
30°	<250	-3	-12	-13	-8	-6	-14	-18	-23
	<500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

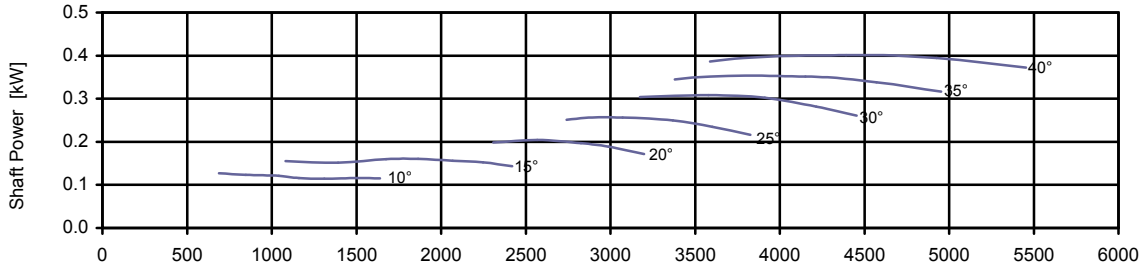
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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) 400-10-4, 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.

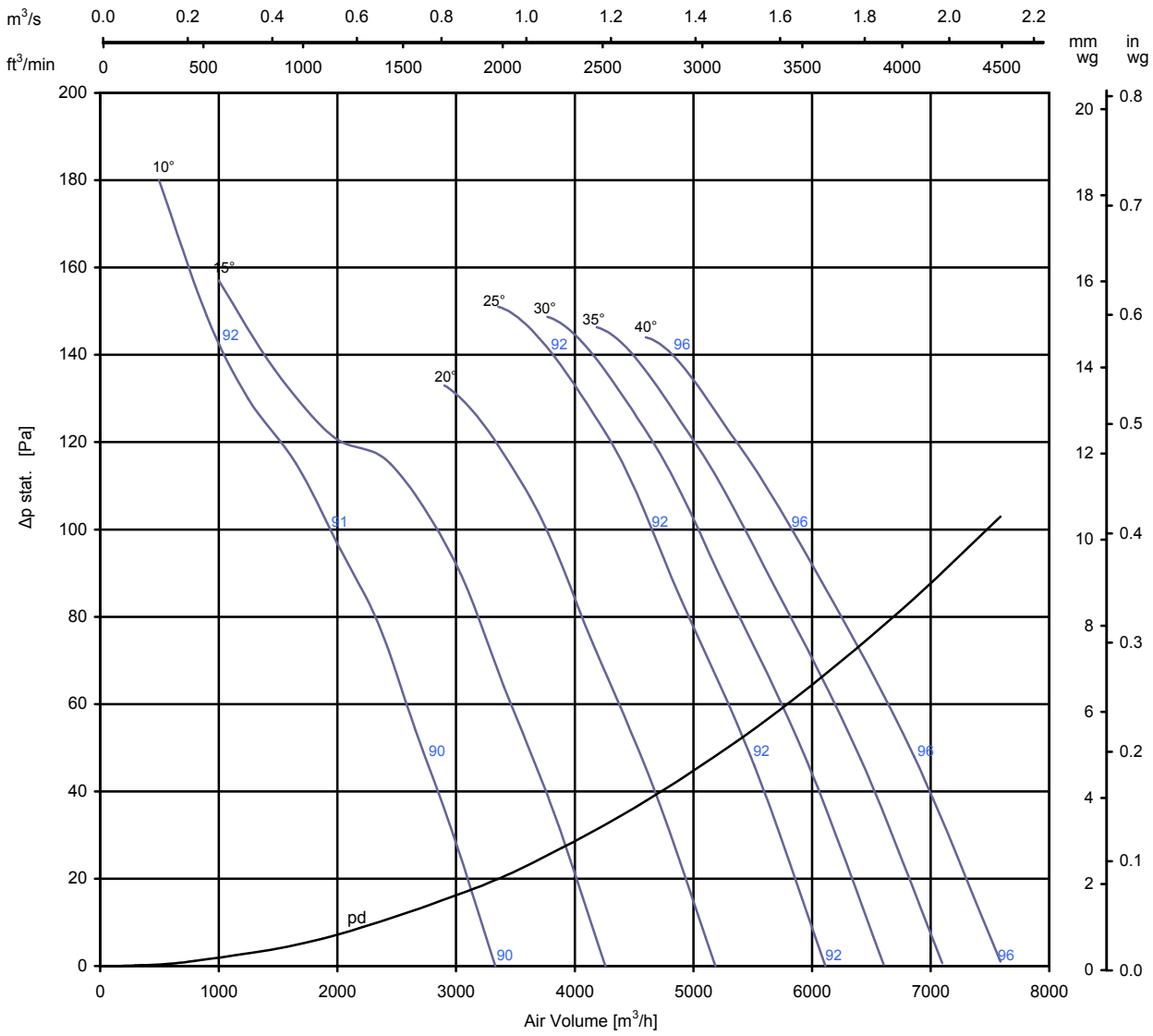
Systemair

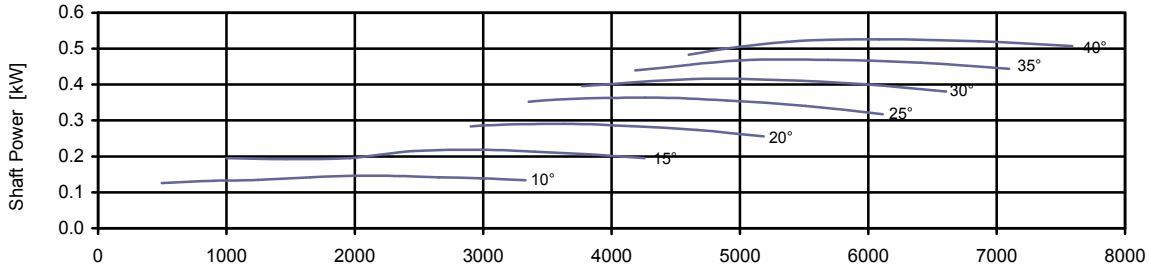
Matthews & Yates Division

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

V

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.

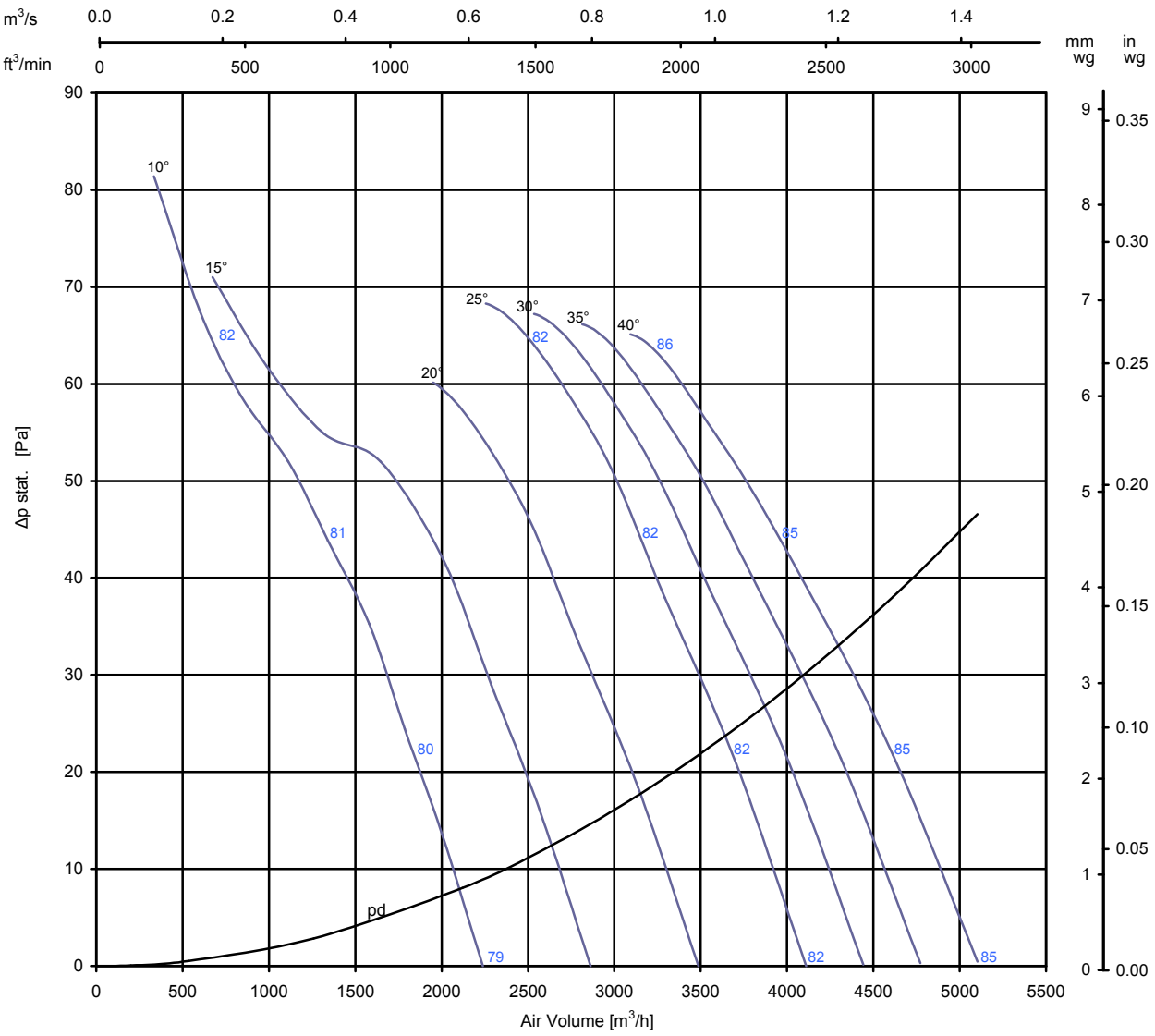
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<80	-2	-5	-9	-10	-14	-19	-24	-30
	<140	-3	-6	-6	-10	-14	-20	-25	-31
25°	<80	-4	-3	-8	-17	-18	-21	-25	-32
	<150	-4	-3	-8	-18	-19	-22	-26	-33
40°	<80	-3	-5	-8	-18	-21	-25	-29	-34
	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

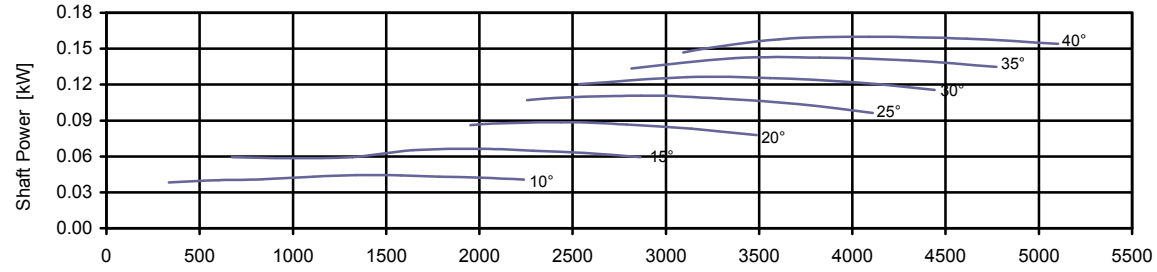
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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) 450-5-6, 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.

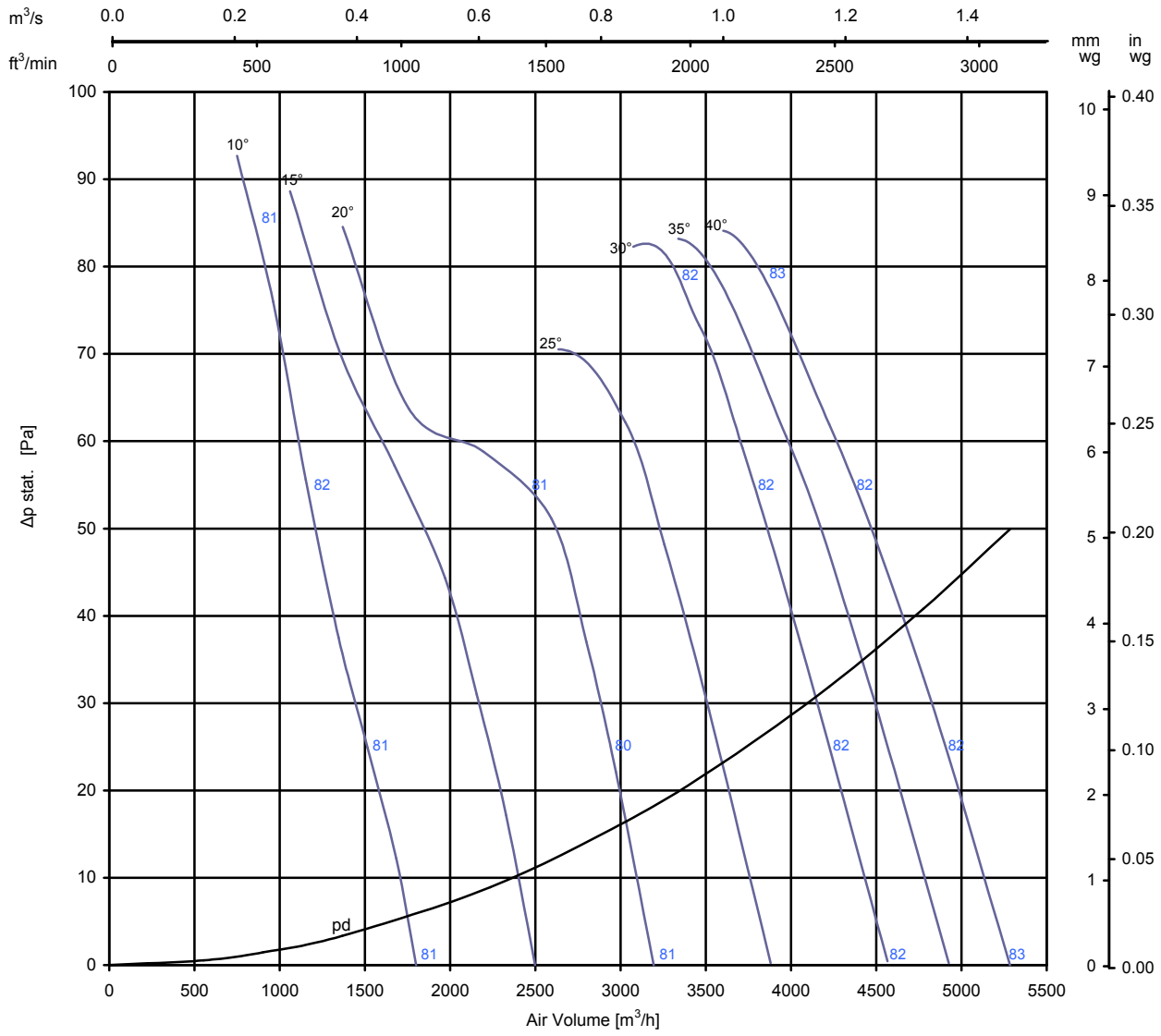
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<35	-2	-6	-8	-10	-15	-20	-25	-31
	<60	-3	-4	-8	-10	-16	-21	-27	-33
25°	<35	-2	-5	-12	-16	-19	-22	-28	-35
	<65	-2	-5	-13	-17	-20	-23	-29	-36
40°	<35	-2	-5	-12	-18	-21	-25	-30	-35
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

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.

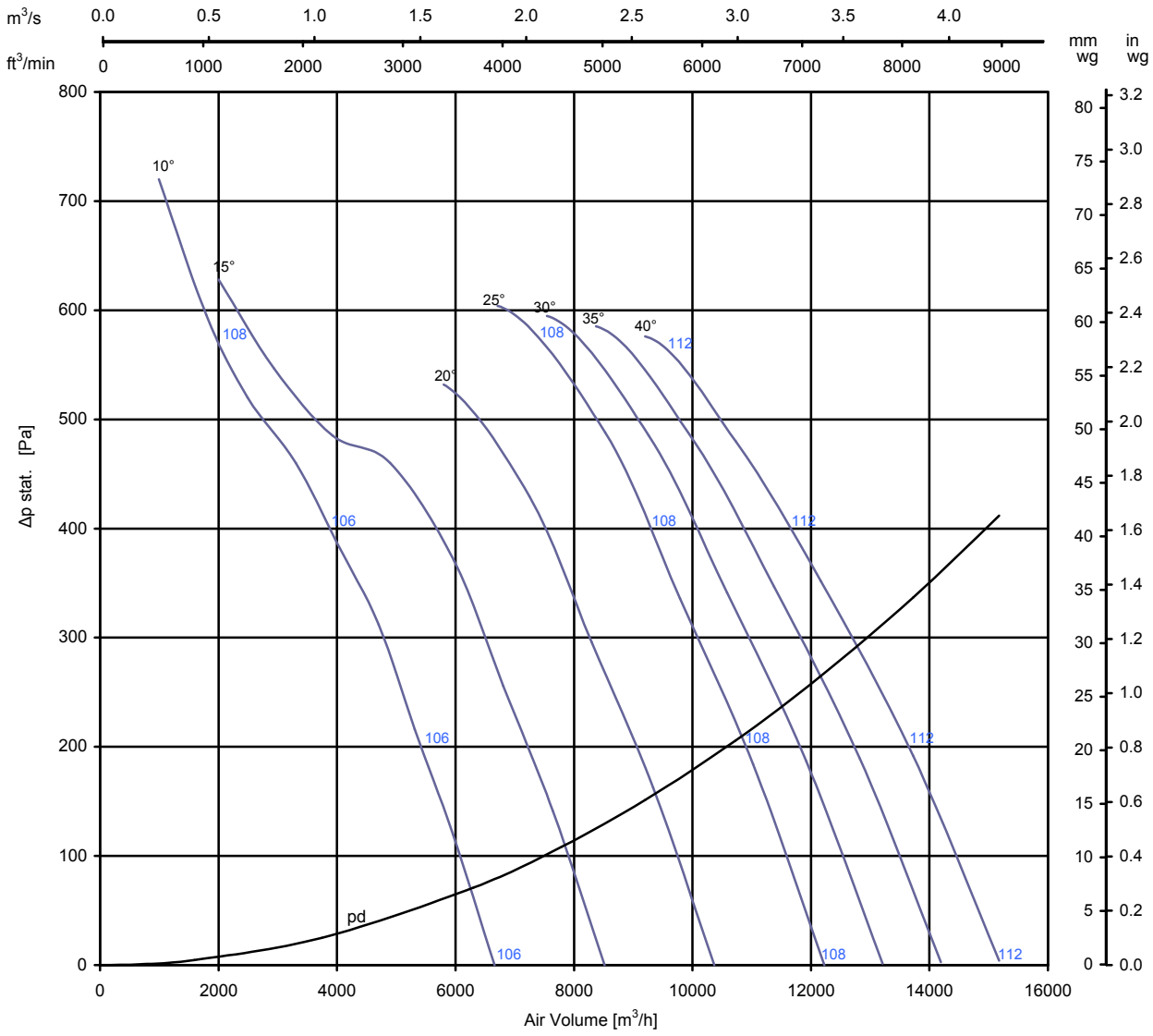
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<35	-3	-5	-8	-10	-13	-18	-25	-32
	<90	-3	-4	-9	-13	-17	-21	-26	-33
20°	<35	-4	-5	-8	-12	-13	-18	-24	-30
	<55	-4	-5	-8	-12	-14	-19	-24	-30
30°	<35	-5	-3	-7	-11	-14	-19	-26	-33
	<80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

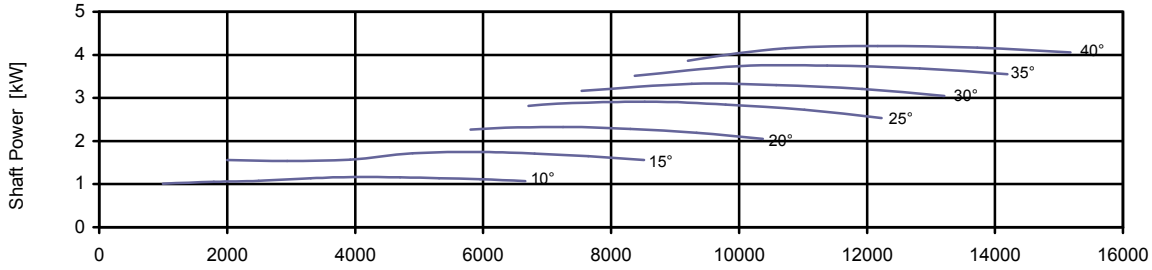
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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) 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/m³, 20°C, 1013hPa

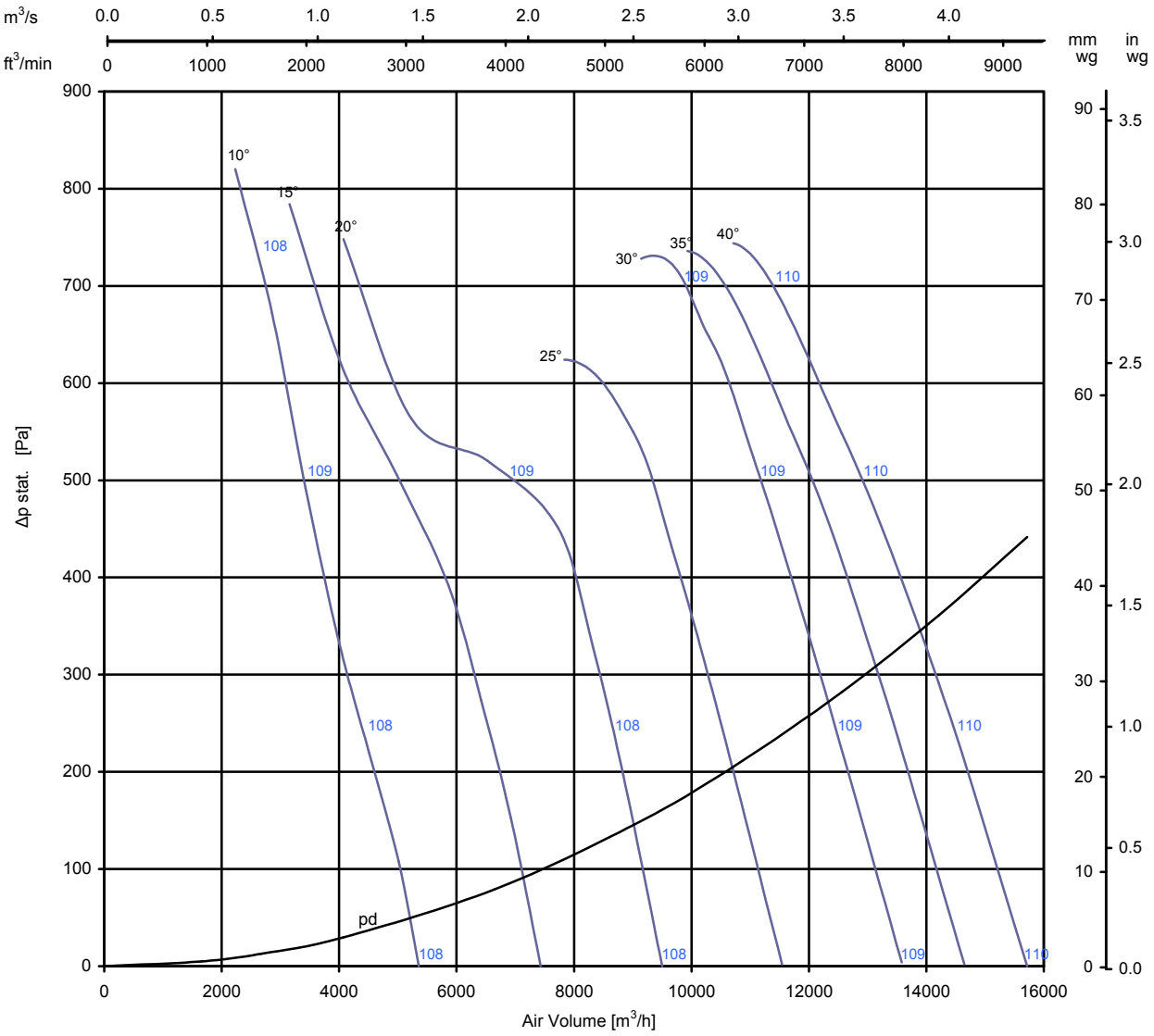
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

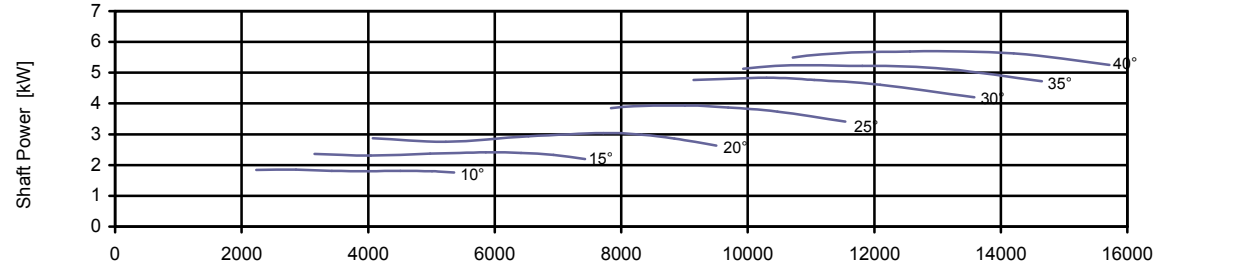
Systemair

Matthews & Yates Division

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.

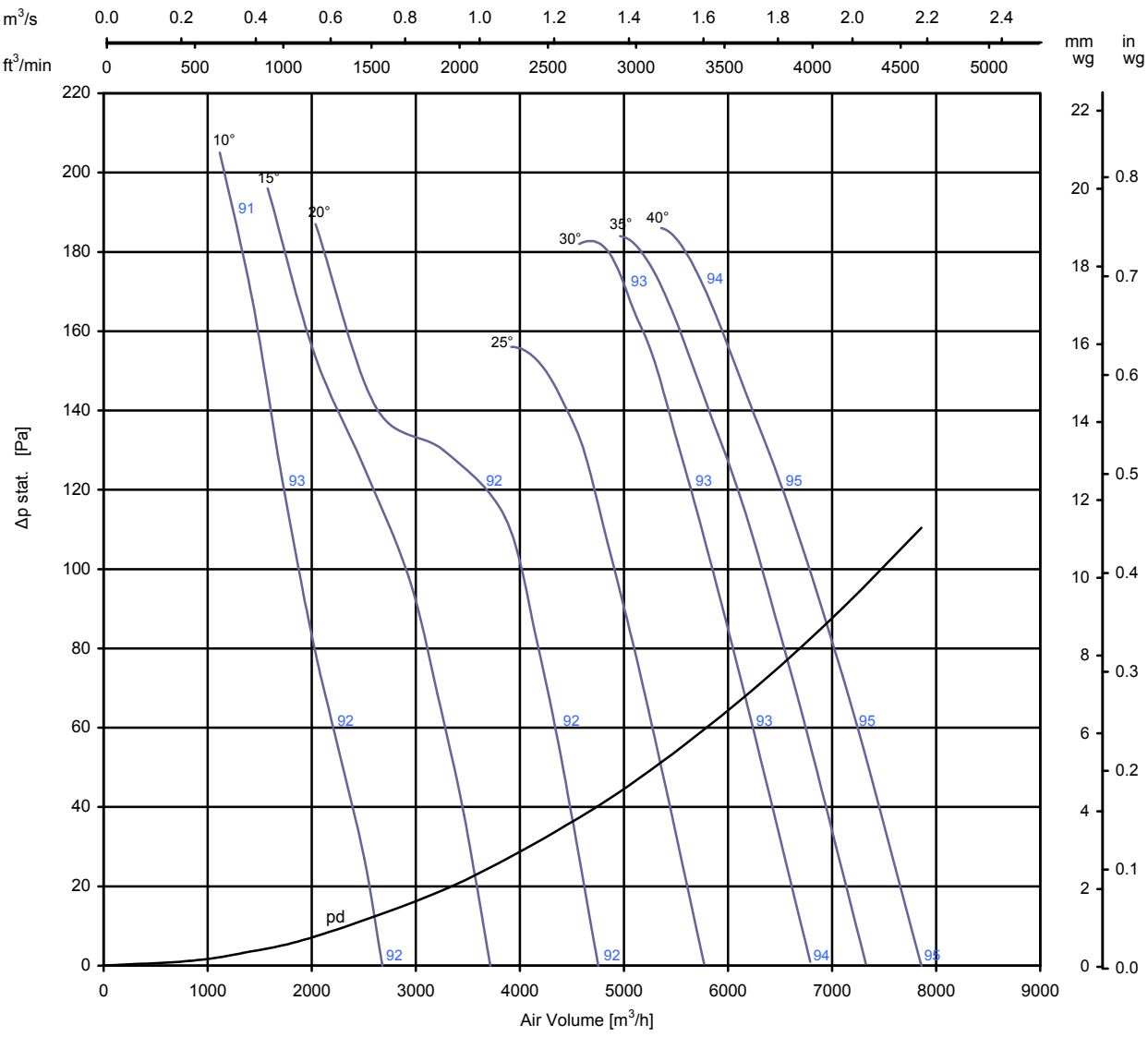
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<300	-6	-3	-10	-8	-12	-15	-18	-25
	<800	-7	-4	-8	-6	-15	-18	-22	-28
20°	<300	-6	-3	-11	-8	15	-16	-18	-24
	<450	-7	-4	-10	-7	-16	-16	-20	-25
30°	<300	-7	-4	-11	-3	-14	-15	-19	-25
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

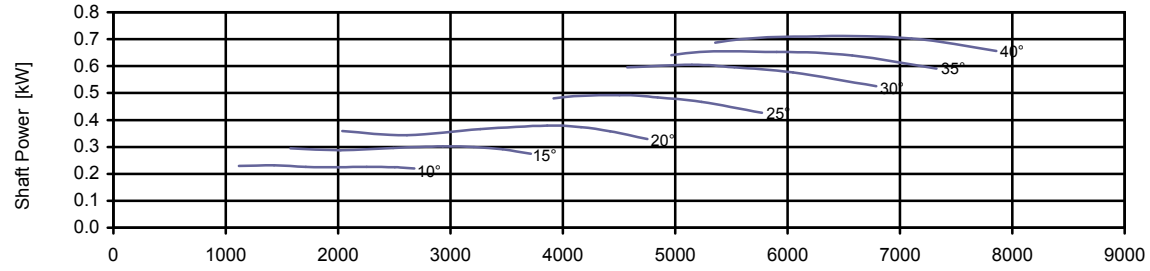
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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/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.

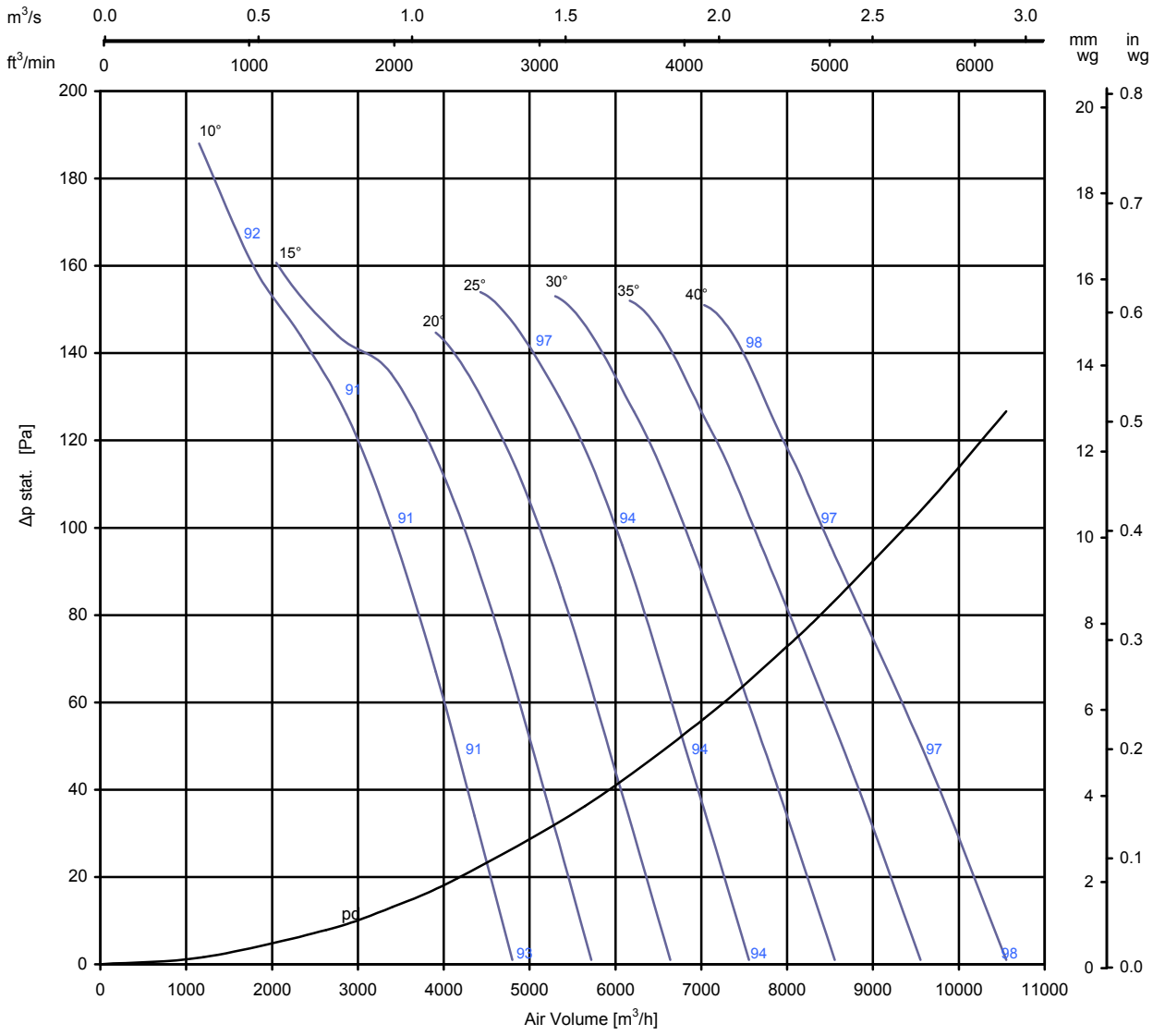
Systemair

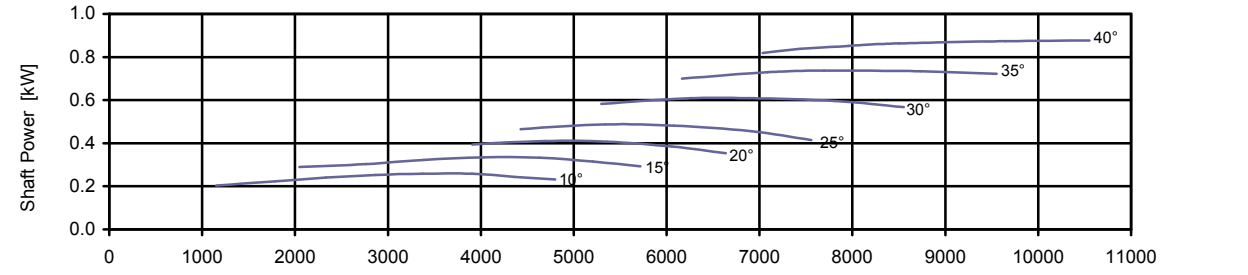
Matthews & Yates Division

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

V

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.

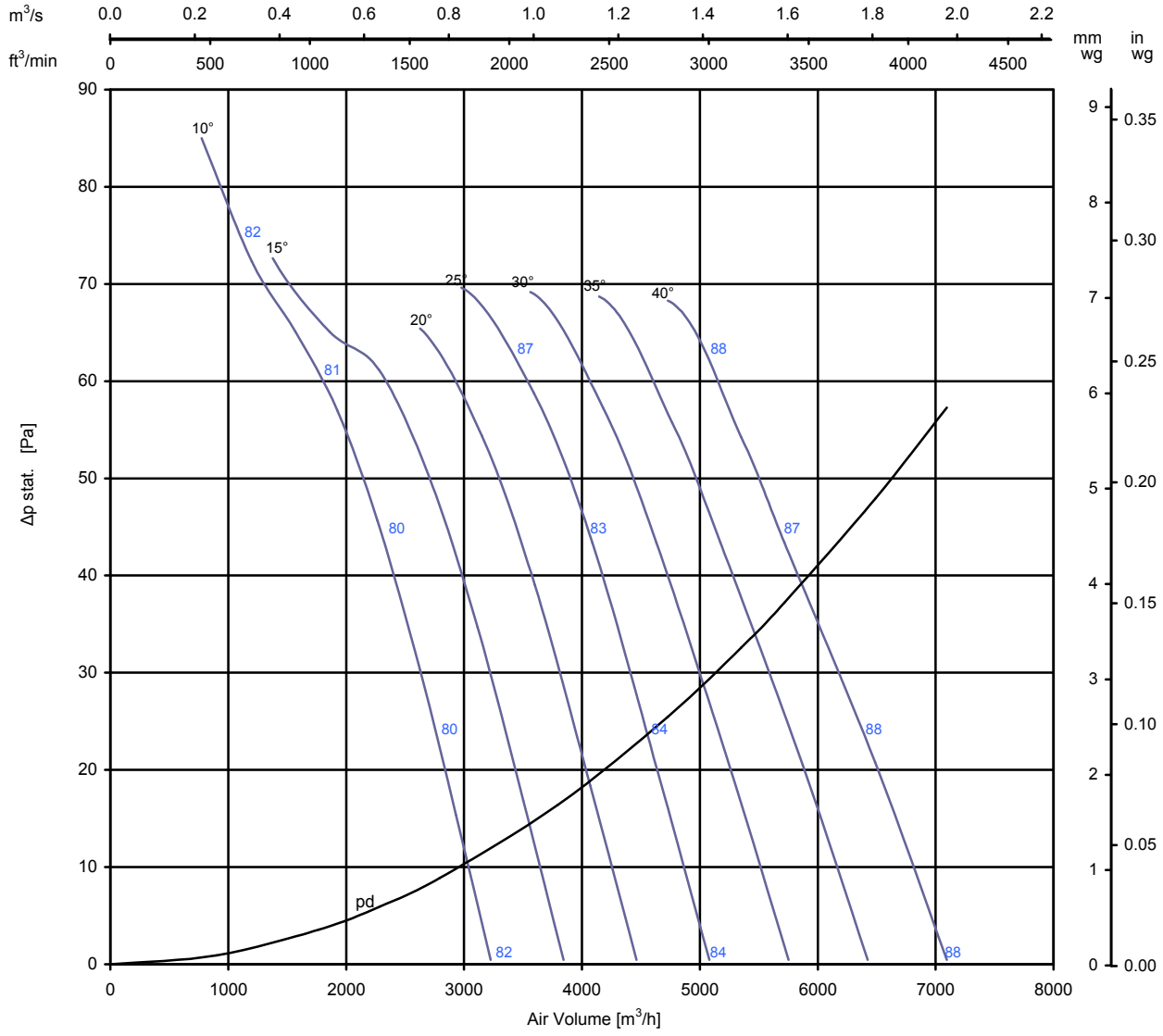
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<100	-2	-4	-10	-10	-14	-19	-24	-31
	<160	-3	-5	-7	-8	-13	-20	-26	-33
25°	<100	-6	-2	-9	-16	-19	-22	-26	-32
	<130	-6	-2	-10	-16	-18	-22	-25	-31
40°	<100	-7	-2	-7	-16	-19	-23	-27	-33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

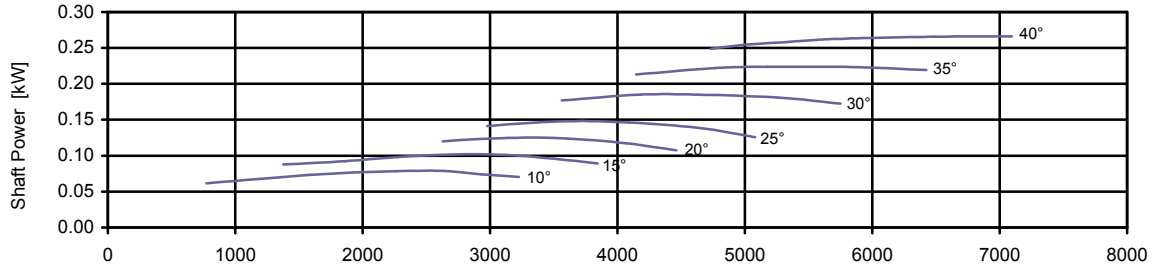
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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 specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

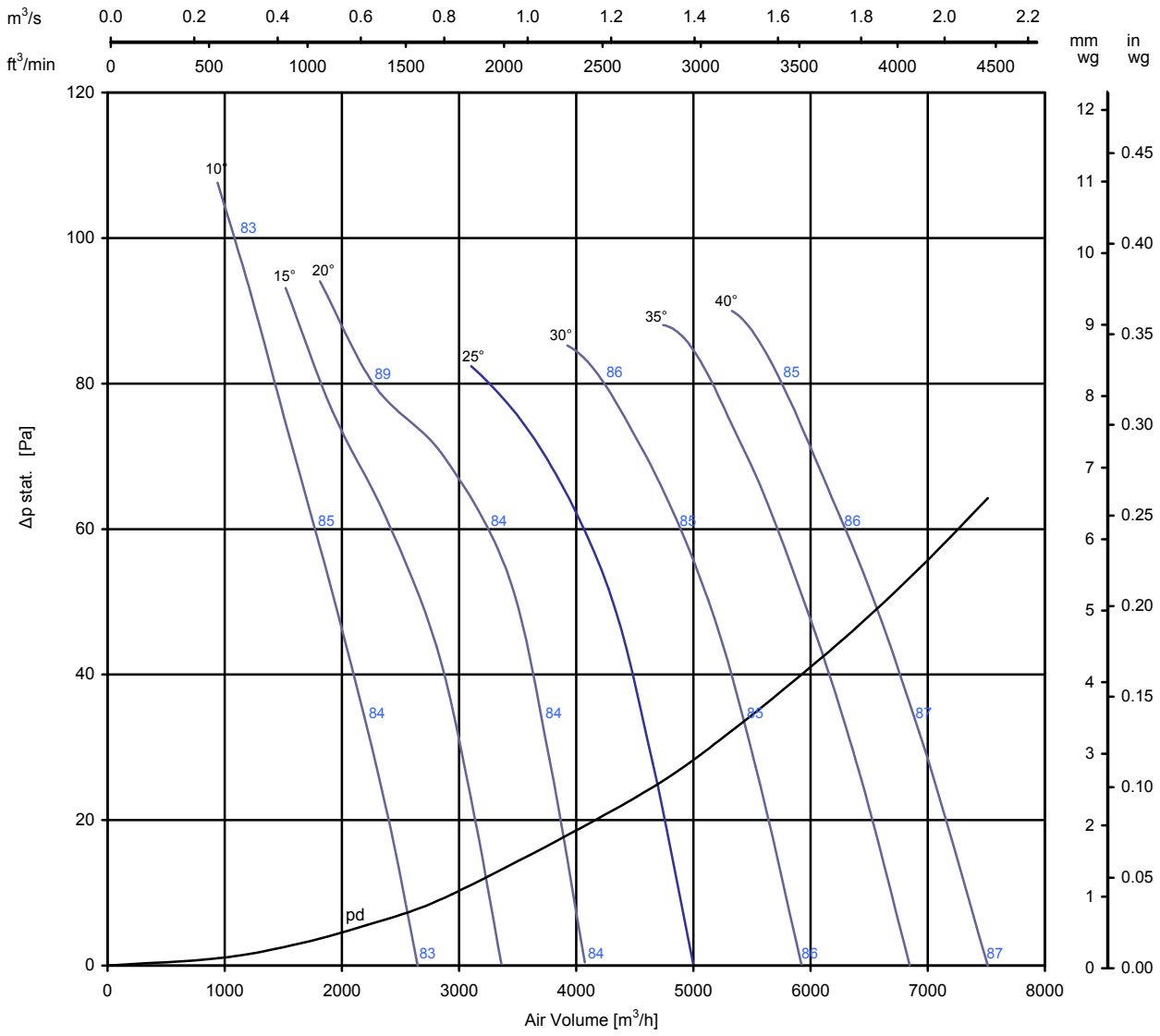
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<45	-2	-6	-10	-10	-16	-21	-27	-34
	<70	-3	-5	-8	-9	-15	-22	-28	-35
25°	<45	-2	-5	-12	-16	-20	-23	-28	-34
	<60	-2	-5	-12	-16	-19	-22	-27	-33
40°	<45	-3	-4	-11	-16	-20	-24	-29	-35
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

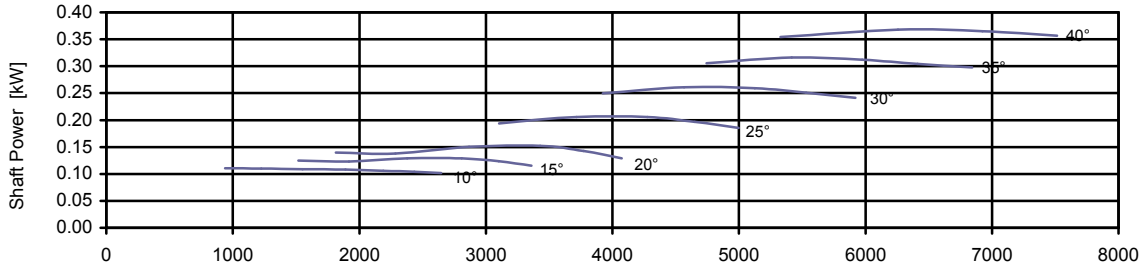
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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.

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.

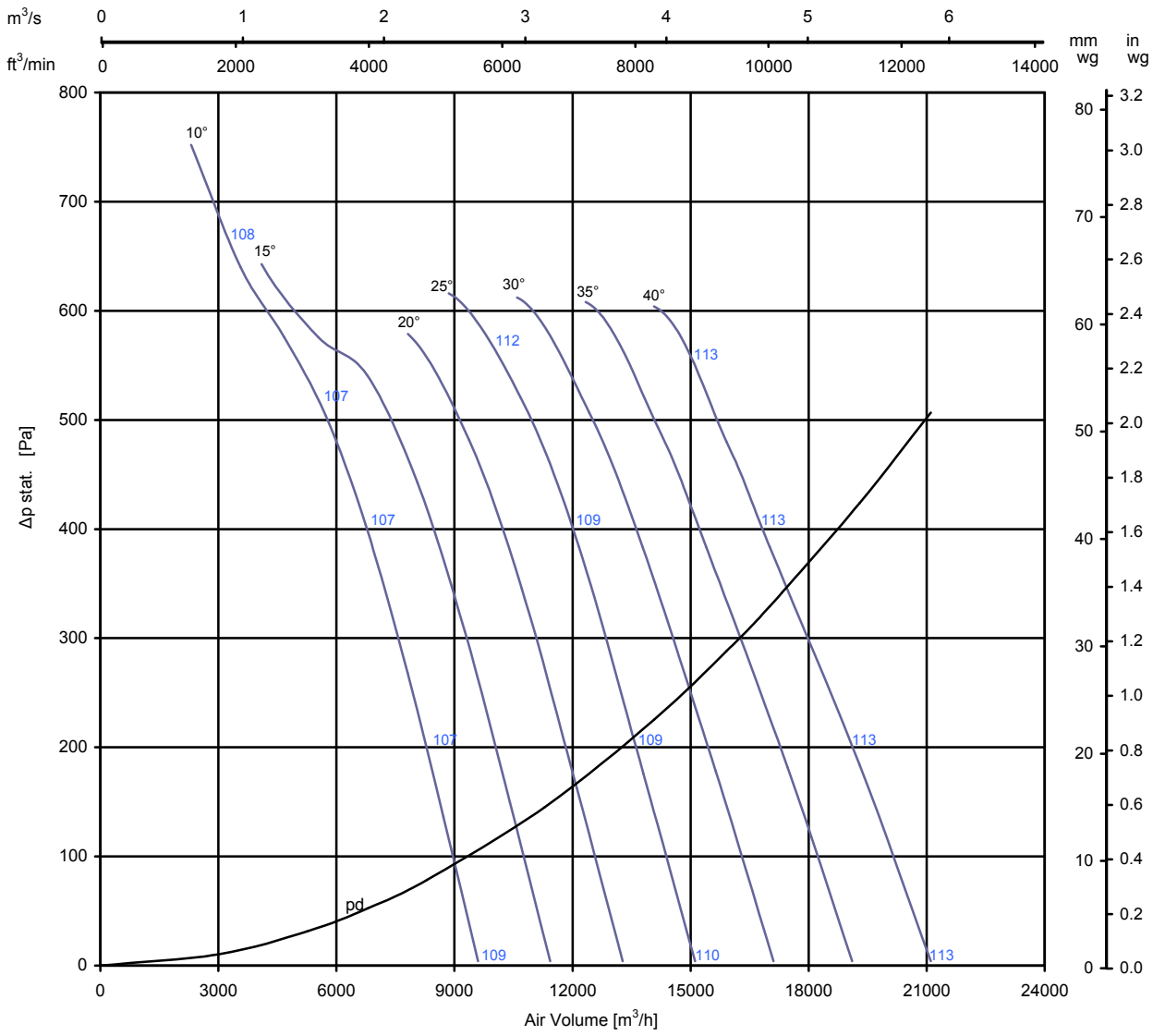
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-5	-5	-7	-9	-12	-16	-22	-30
	<100	-3	-4	-8	-13	-15	-20	-26	-32
20°	<50	-4	-5	-8	-12	-13	-16	-22	-28
	<90	-2	-5	-8	-13	-15	-19	-24	-30
30°	<50	-5	-4	-7	-12	-15	-18	-24	-29
	<80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

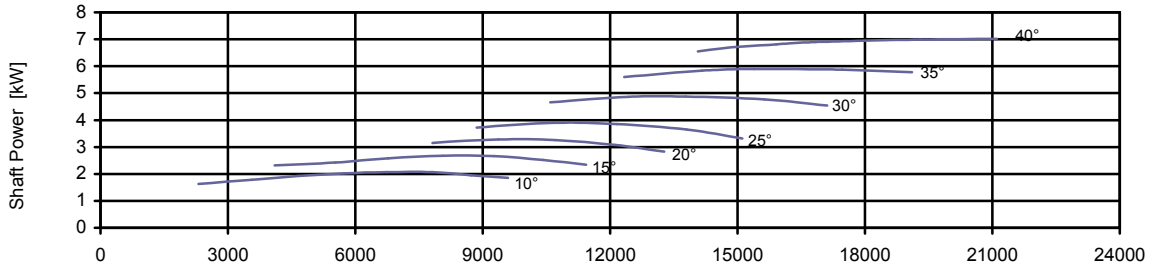
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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) 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.

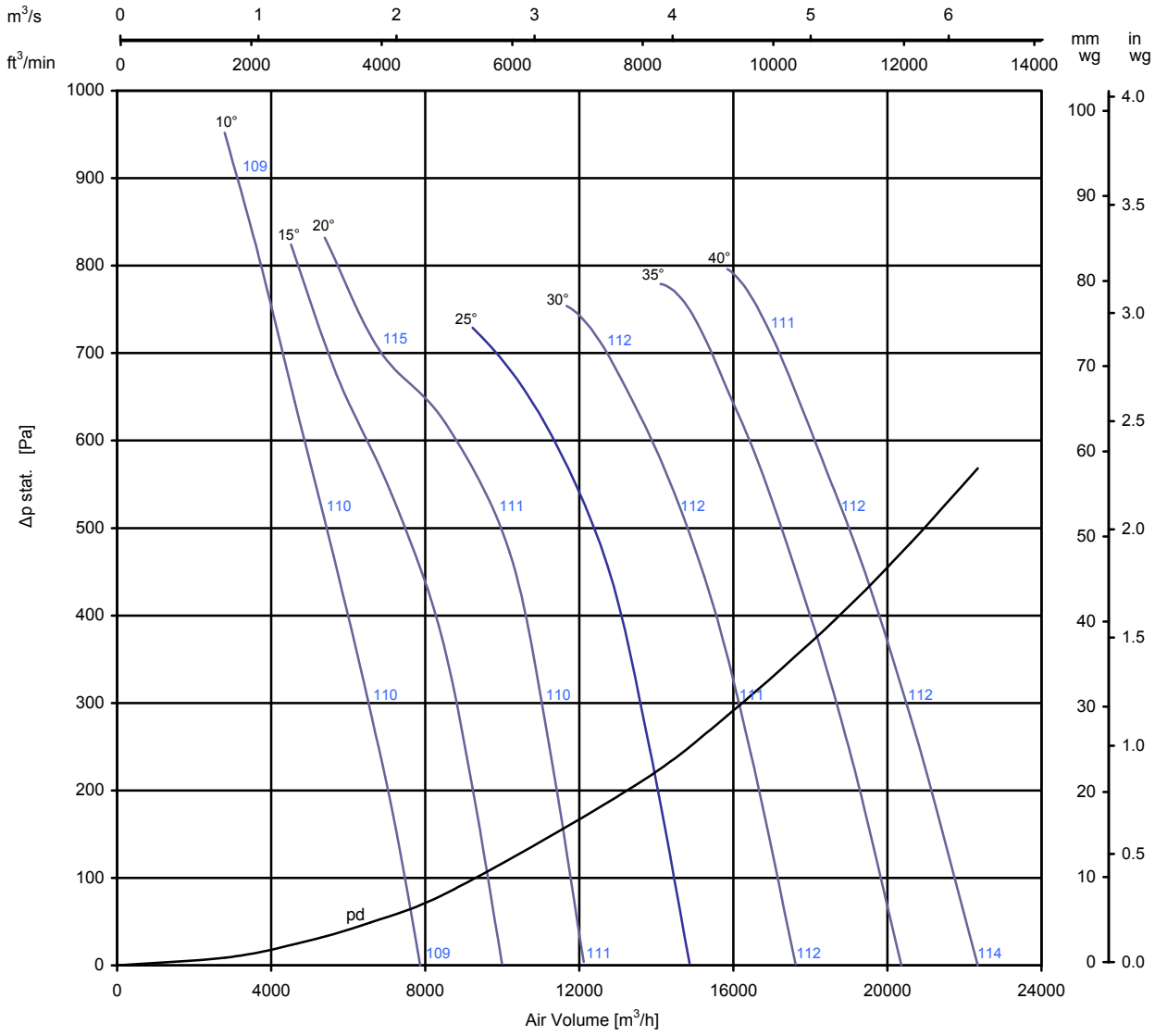
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-6	-3	-5	-11	-11	-15	-20	-25
	<620	-7	-4	-6	-8	-9	-14	-21	-27
25°	<400	-10	-7	-2	-10	-17	-20	-23	-26
	<520	-10	-7	-2	-10	-17	-19	-23	-26
40°	<400	-10	-7	-3	-7	-16	-19	-23	-27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

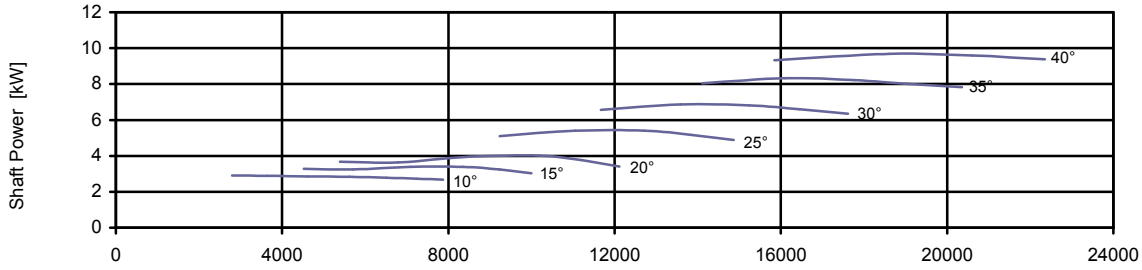
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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.

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.

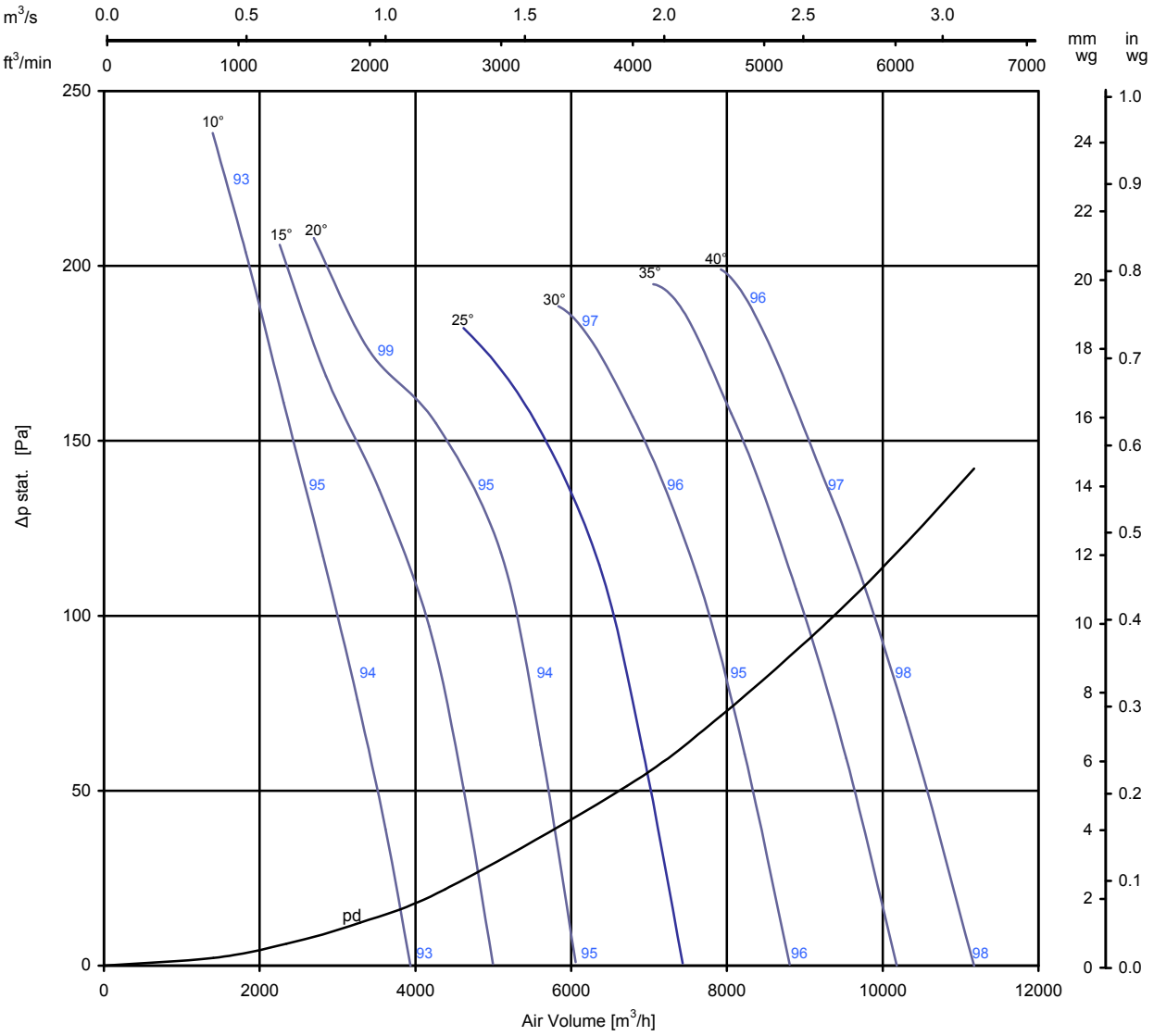
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<500	-7	-4	-8	-7	-10	-13	-15	-20
	<930	-7	-4	-7	-6	-12	-16	-20	-25
20°	<500	-7	-4	-10	-7	-14	-16	-17	-22
	<700	-7	-4	-4	-7	-15	-17	-19	-24
30°	<500	-7	-4	-10	-5	-13	-16	-19	-23
	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

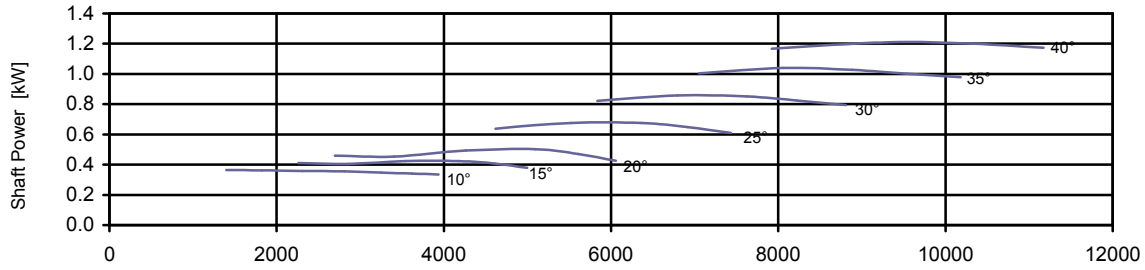
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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.

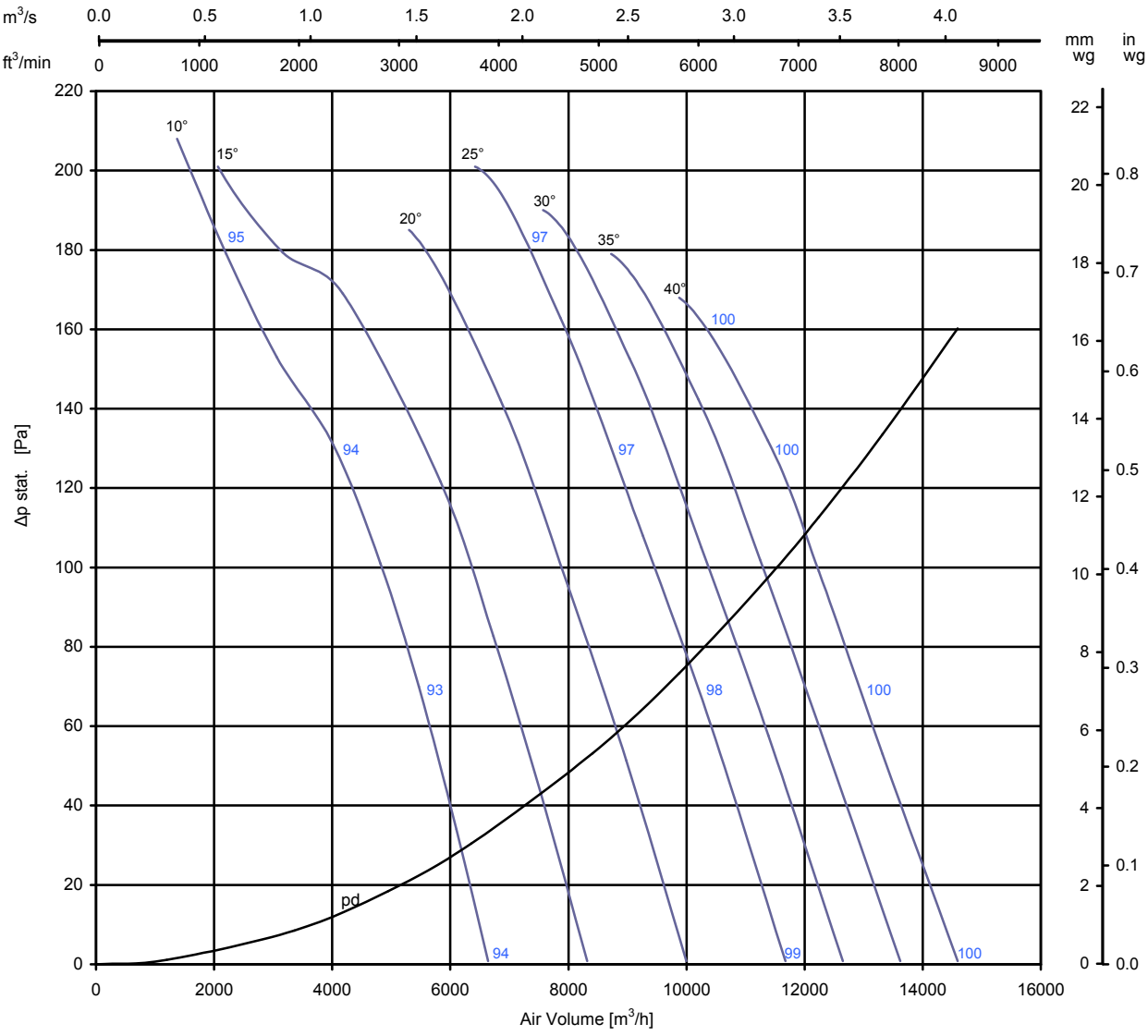
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<120	-3	-7	-6	-9	-12	-14	-19	-27
	<230	-3	-6	-5	-11	-15	-19	-24	-30
20°	<120	-3	-9	-6	-13	-15	-16	-21	-27
	<200	-3	-3	-6	-14	-16	-18	-22	-28
30°	<120	-4	-9	-4	-12	-15	-18	-22	-28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

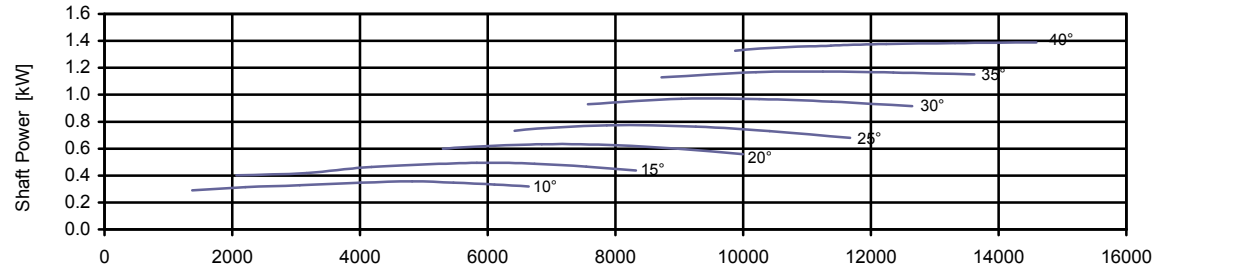
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- 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) 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.

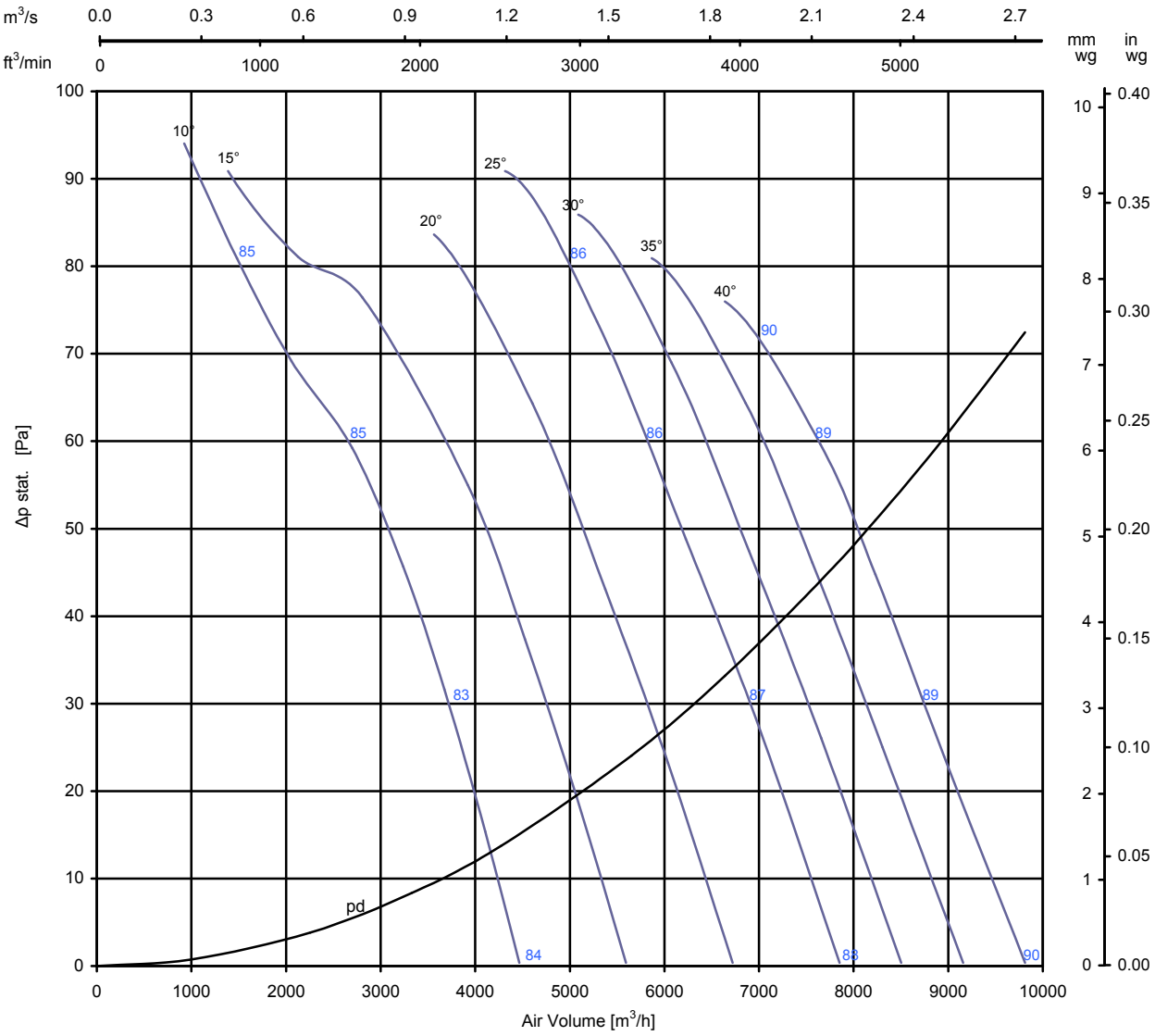
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<100	-5	-2	-10	-10	-13	-17	-21	-29
	<180	-7	-2	-7	-9	-12	-18	-25	-31
25°	<100	-7	-1	-12	-15	-20	-24	-29	-34
	<180	-7	-1	-13	-15	-19	-23	-27	-32
40°	<100	-8	-1	-10	-13	-18	-23	-29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

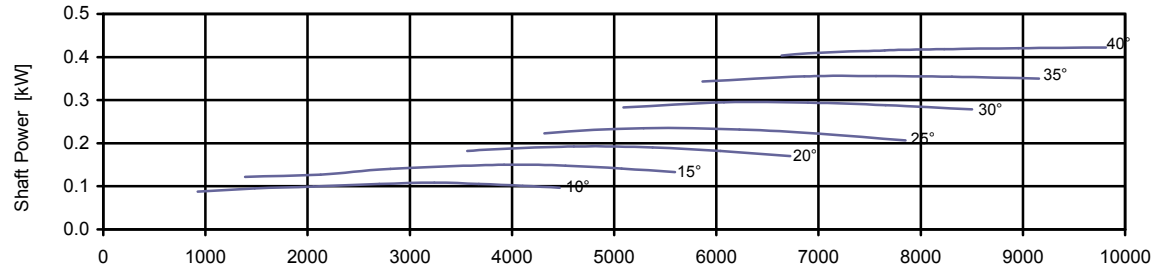
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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.

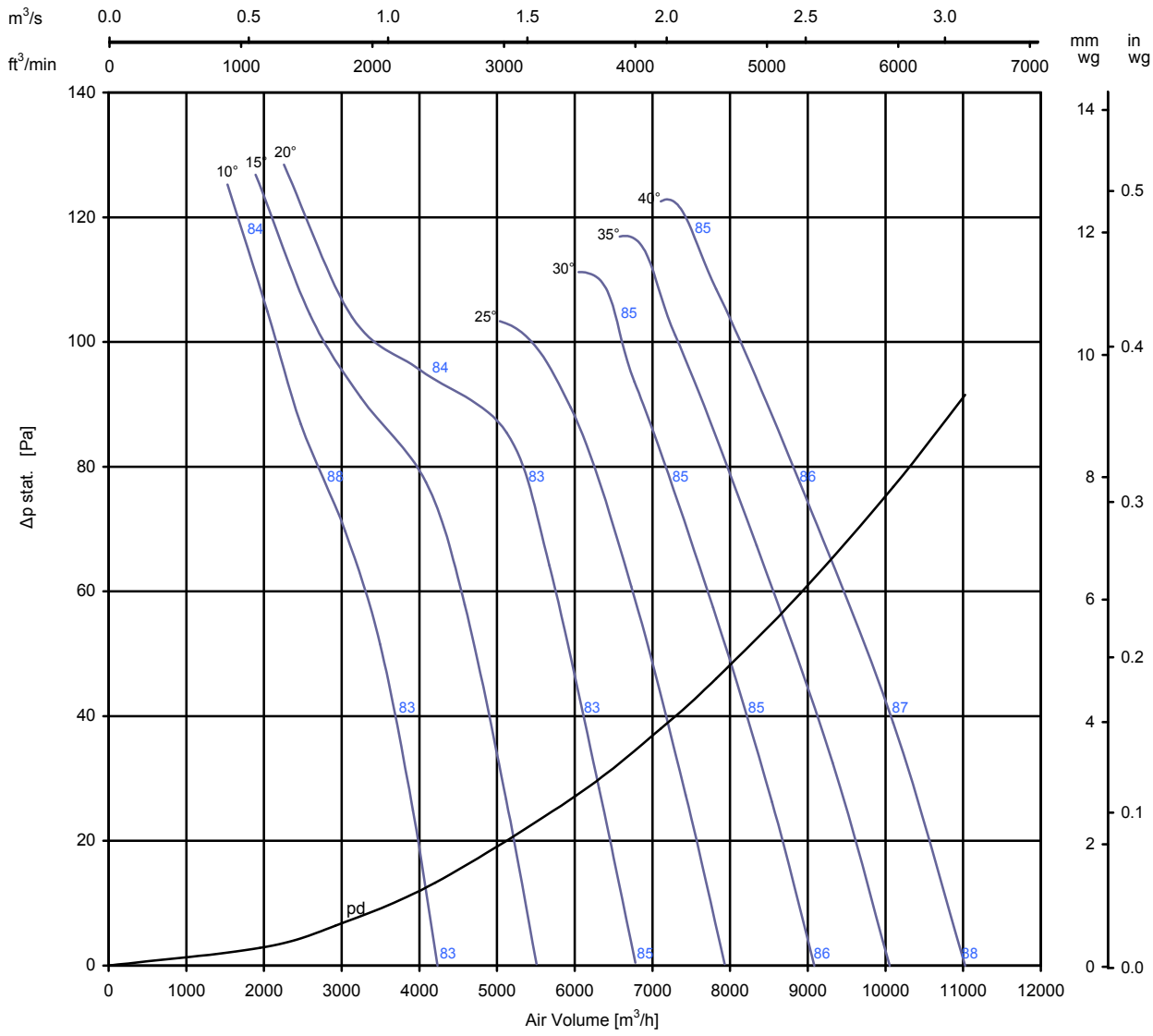
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<40	-3	-6	-9	-11	-14	-19	-26	-34
	<80	-3	-4	-8	-10	-15	-20	-27	-35
25°	<40	-2	-6	-12	-16	-20	-25	-30	-35
	<80	-2	-7	-12	-15	-19	-23	-28	-32
40°	<40	-2	-5	-10	-14	-19	-25	-30	-34
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

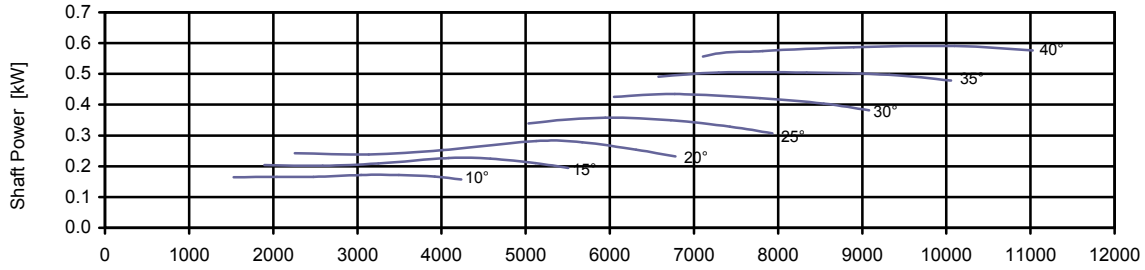
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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.

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.

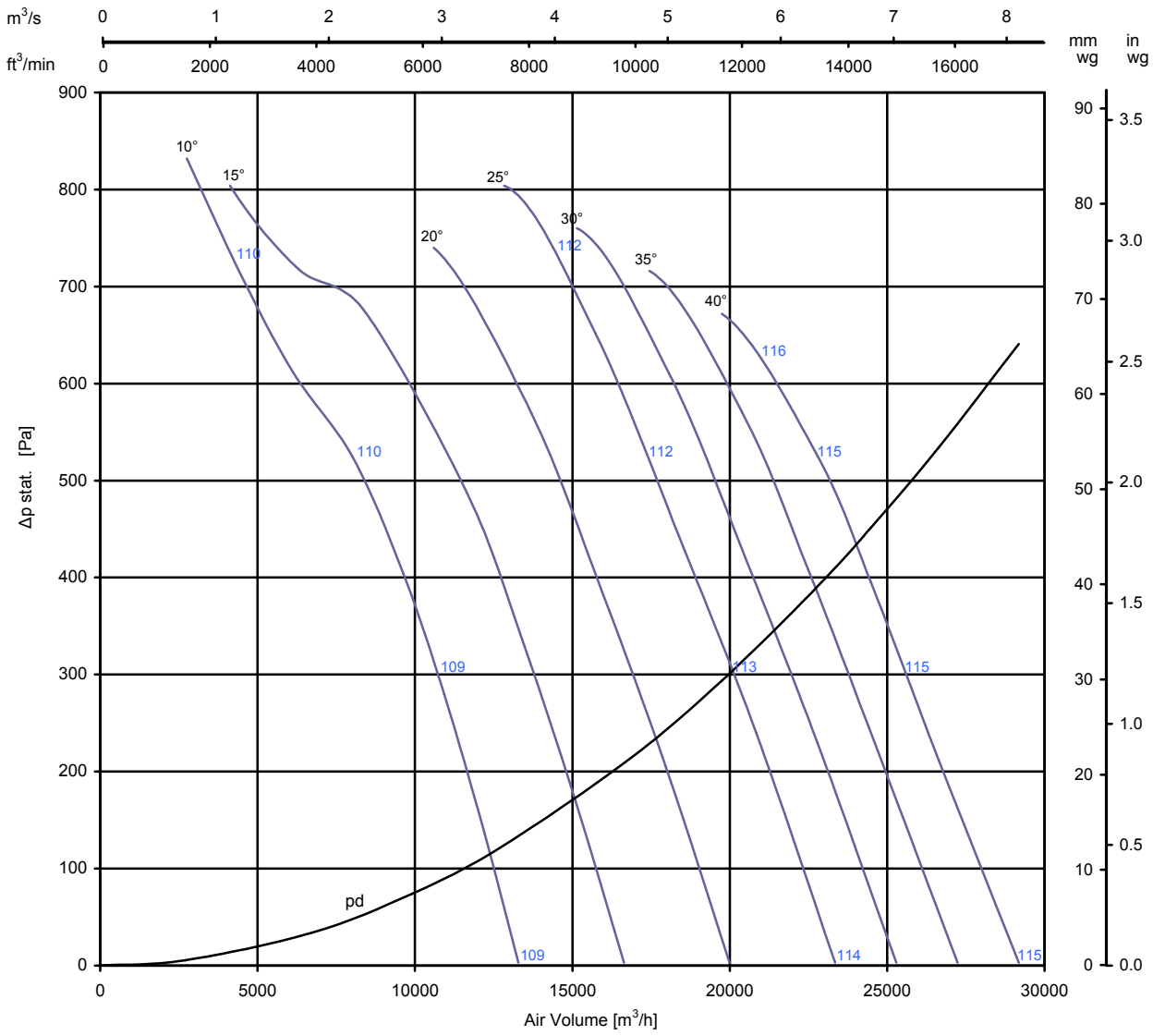
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<70	-7	-6	-5	-6	-9	-15	-21	-29
	<120	-4	-3	-6	-10	-14	-20	-26	-33
20°	<70	-7	-4	-6	-9	-12	-16	-21	-26
	<100	-7	-4	-5	-9	-13	-16	-21	-27
30°	<70	-6	-4	-6	-10	-13	-18	-23	-29
	<110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

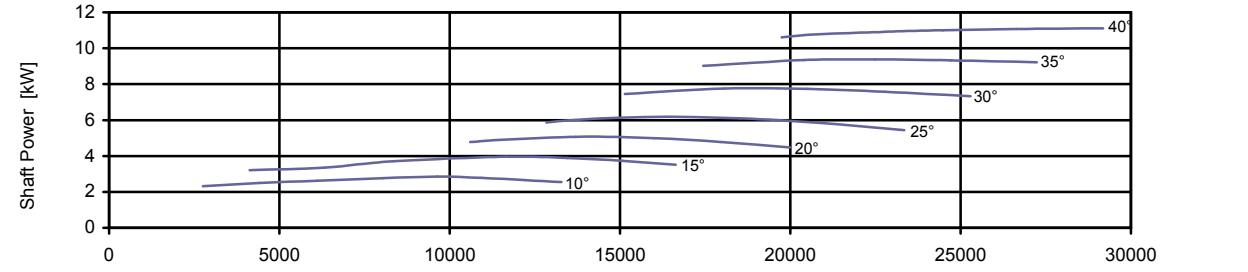
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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

V
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.

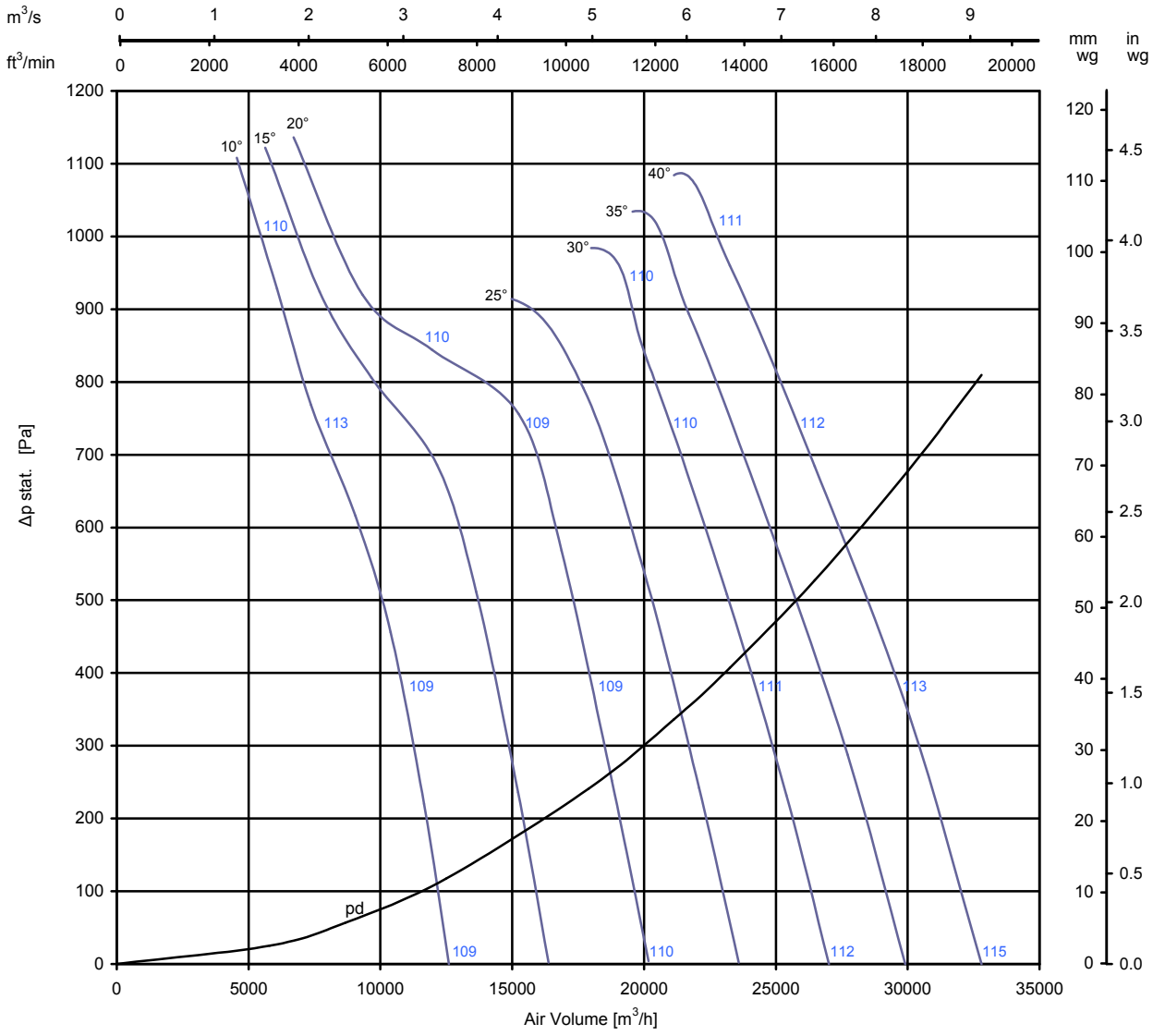
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-8	-5	-3	-10	-11	-14	-18	-21
	<720	-11	-8	-2	-8	-10	-13	-19	-24
25°	<400	-10	-7	-2	-12	-15	-20	-24	-29
	<720	-10	-7	-2	-14	-15	-19	-23	-27
40°	<400	-11	-8	-2	-10	-13	-18	-23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

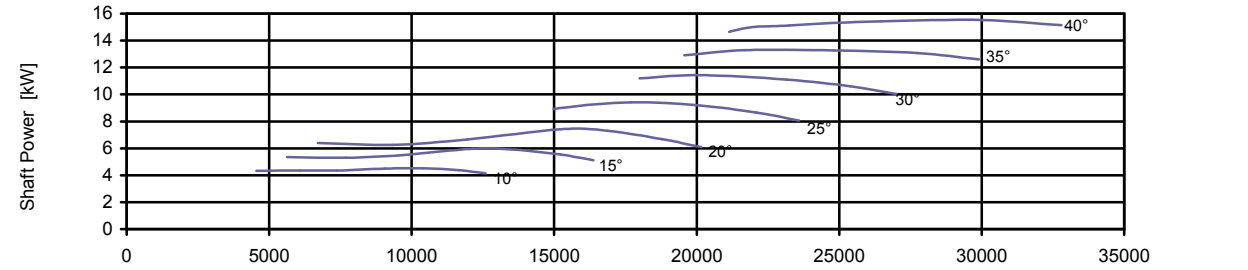
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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) 560-10-2, 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.

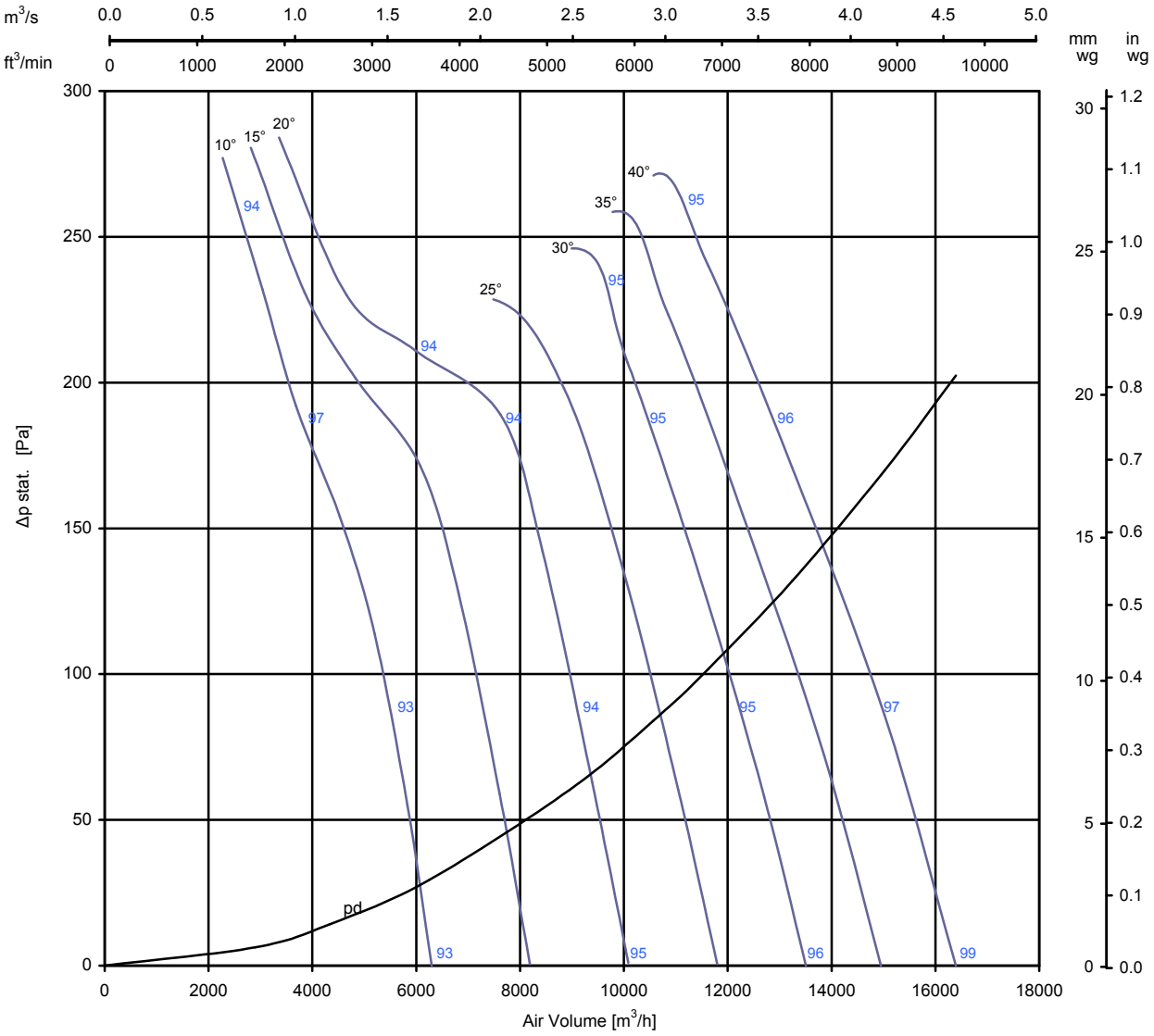
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<600	-9	-6	-10	-6	-7	-9	-13	-19
	<1100	-8	-5	-7	-4	-10	-13	-18	-24
20°	<600	-9	-6	-11	-4	-10	-12	-16	-19
	<800	-9	-6	-12	-4	-10	-13	-16	-20
30°	<600	-9	-6	-11	-3	-11	-13	-18	-22
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

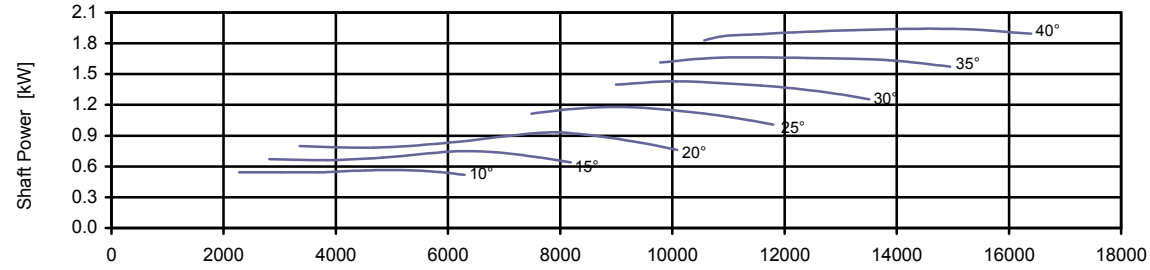
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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.

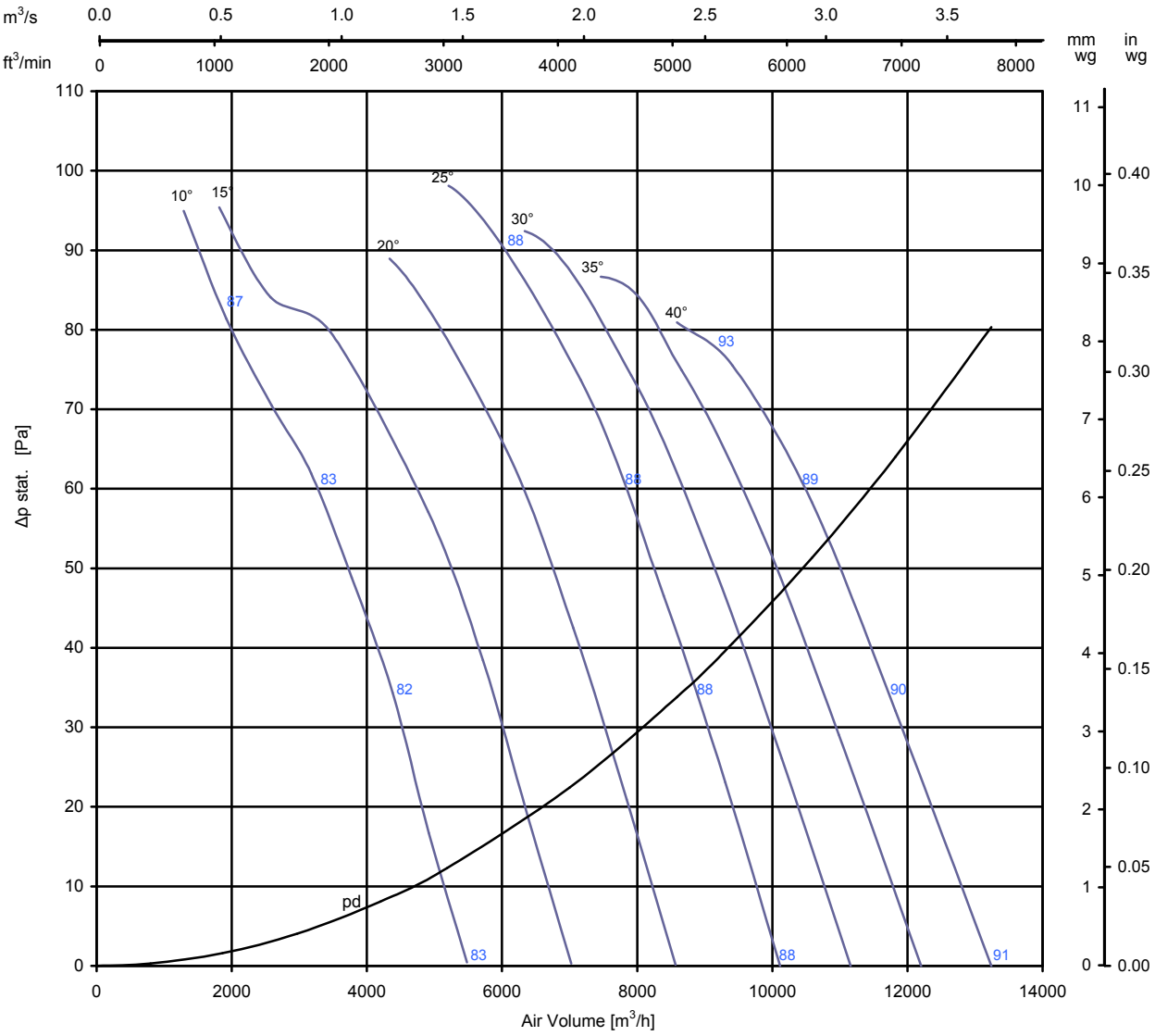
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<150	-5	-10	-6	6	-8	-12	-18	-26
	<270	-5	-5	-3	-9	-12	-16	-23	-31
20°	<150	-5	-11	-3	-10	-12	-16	-19	-25
	<200	-5	-11	-3	-10	-13	-16	-20	-25
30°	<150	-5	-10	-3	-10	-12	-17	-21	-27
	<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/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) 630-5-6, 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.

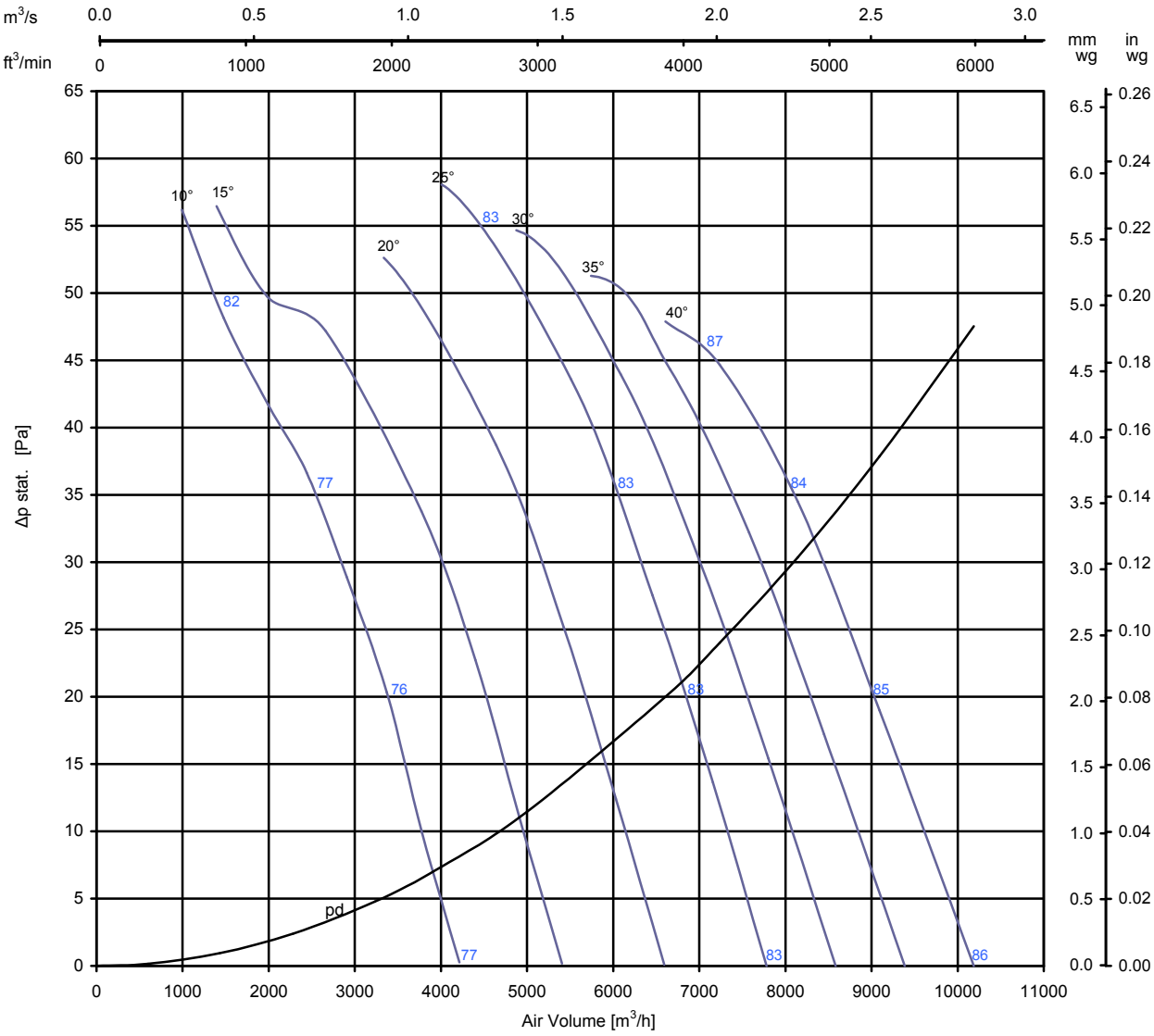
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-3	-7	-9	-9	-10	-15	-21	-29
	<80	-3	-4	-7	-7	-11	-16	-23	-31
25°	<50	-2	-6	-12	-14	-18	-22	-27	-32
	<90	-1	-7	-9	-10	-15	-20	-25	-31
40°	<50	-2	-6	-11	-14	-18	-23	-28	-33
	<75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

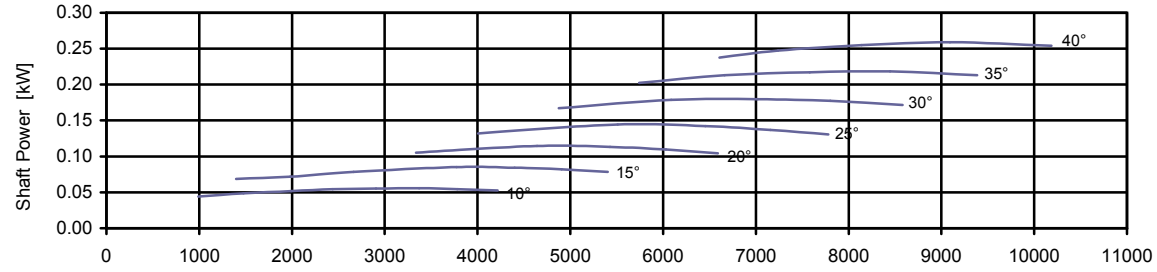
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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.

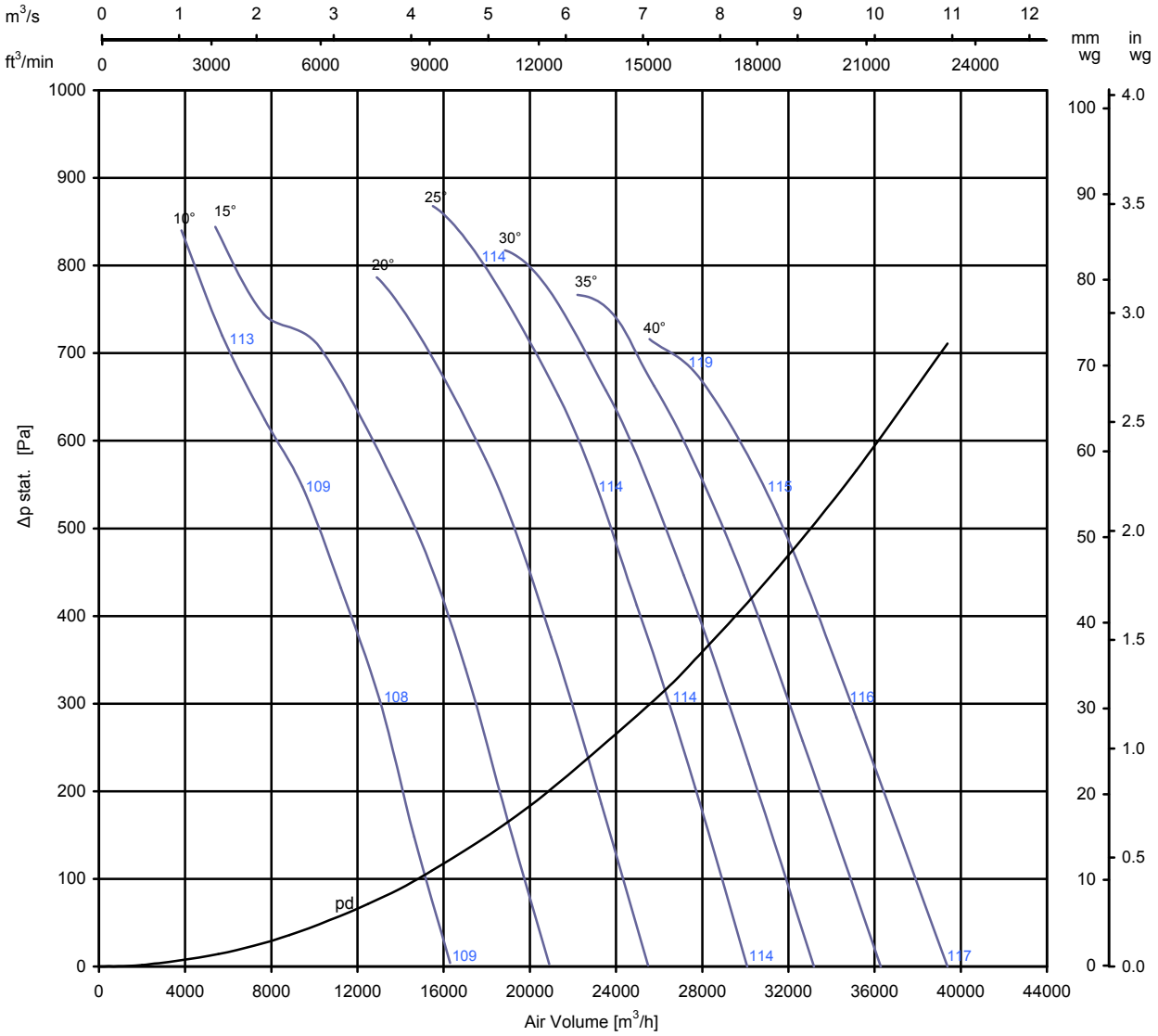
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<30	-2	-9	-6	-7	-10	-16	-24	-32
	<50	-1	-7	-5	-7	-11	-17	-27	-35
25°	<30	-1	-11	-13	-16	-20	-24	-30	-35
	<55	1	-12	-9	-12	-17	-22	-28	-34
40°	<30	-1	-10	-13	-16	-21	-24	-29	-35
	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

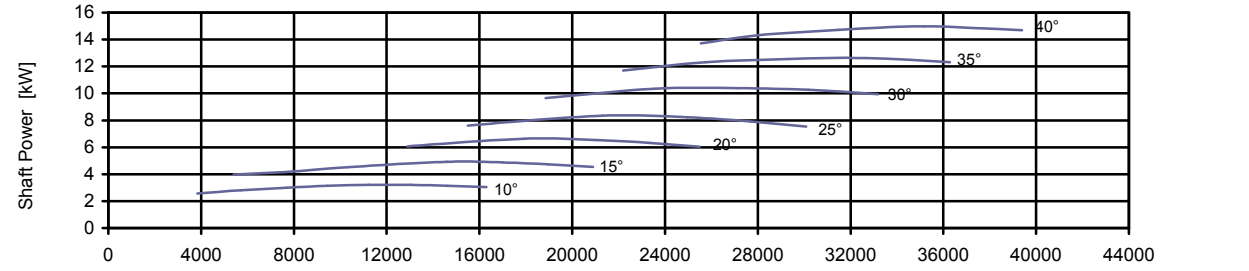
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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) 630-5-2, 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 specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

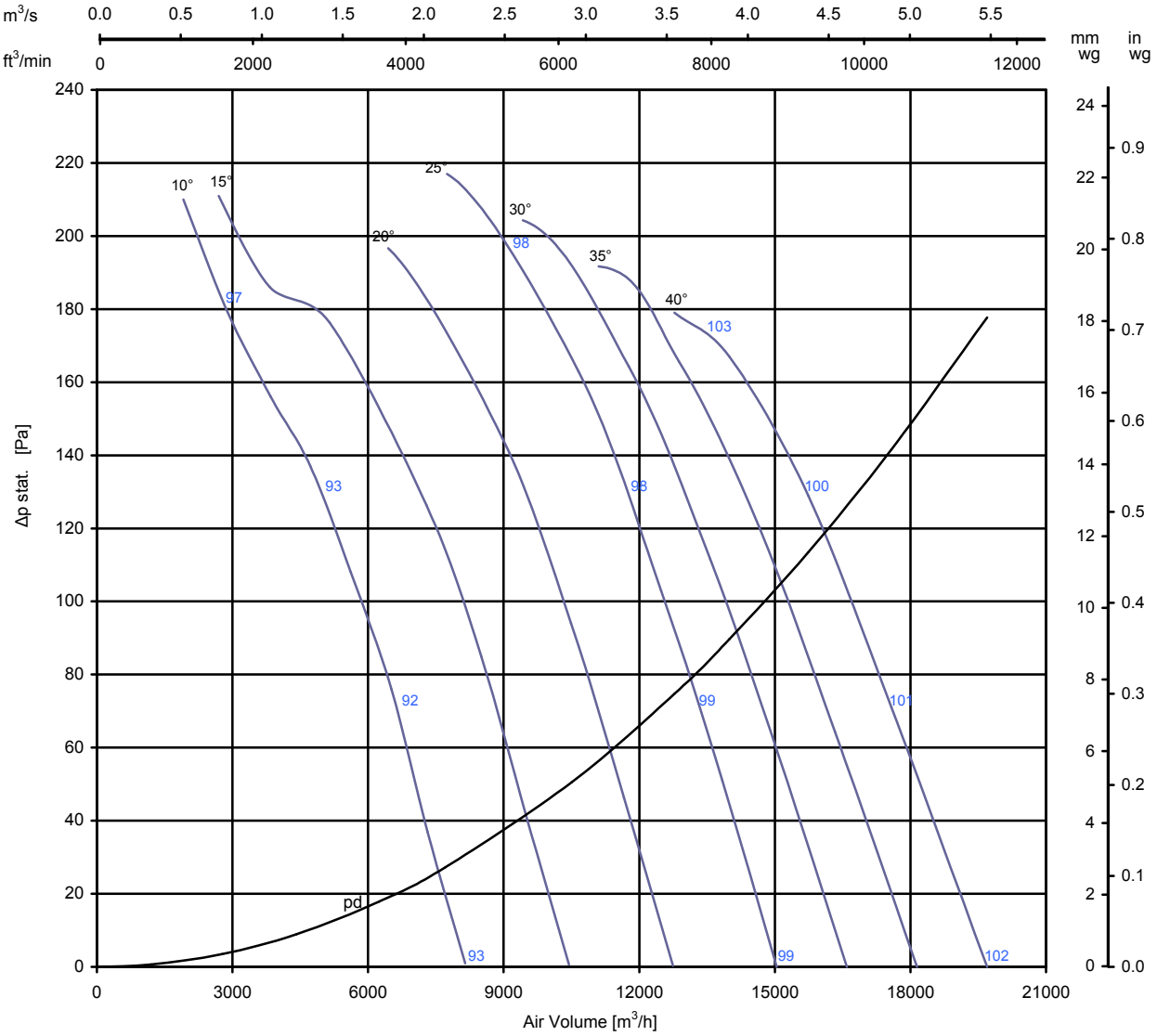
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-9	-6	-6	-12	-10	-11	-13	-19
	<700	-9	-6	-3	-8	-7	-10	-14	-21
25°	<400	-10	-7	-2	-13	-14	-18	-21	-26
	<800	-11	-8	-2	-14	-10	-15	-20	-24
40°	<400	-10	-7	-2	-12	-14	-18	-22	-27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

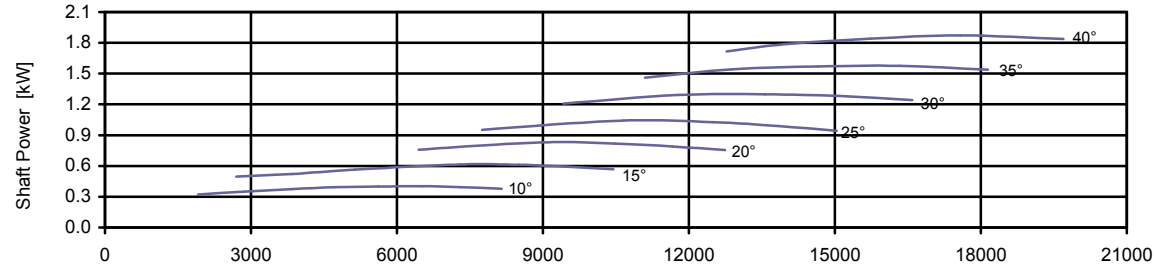
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- 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.

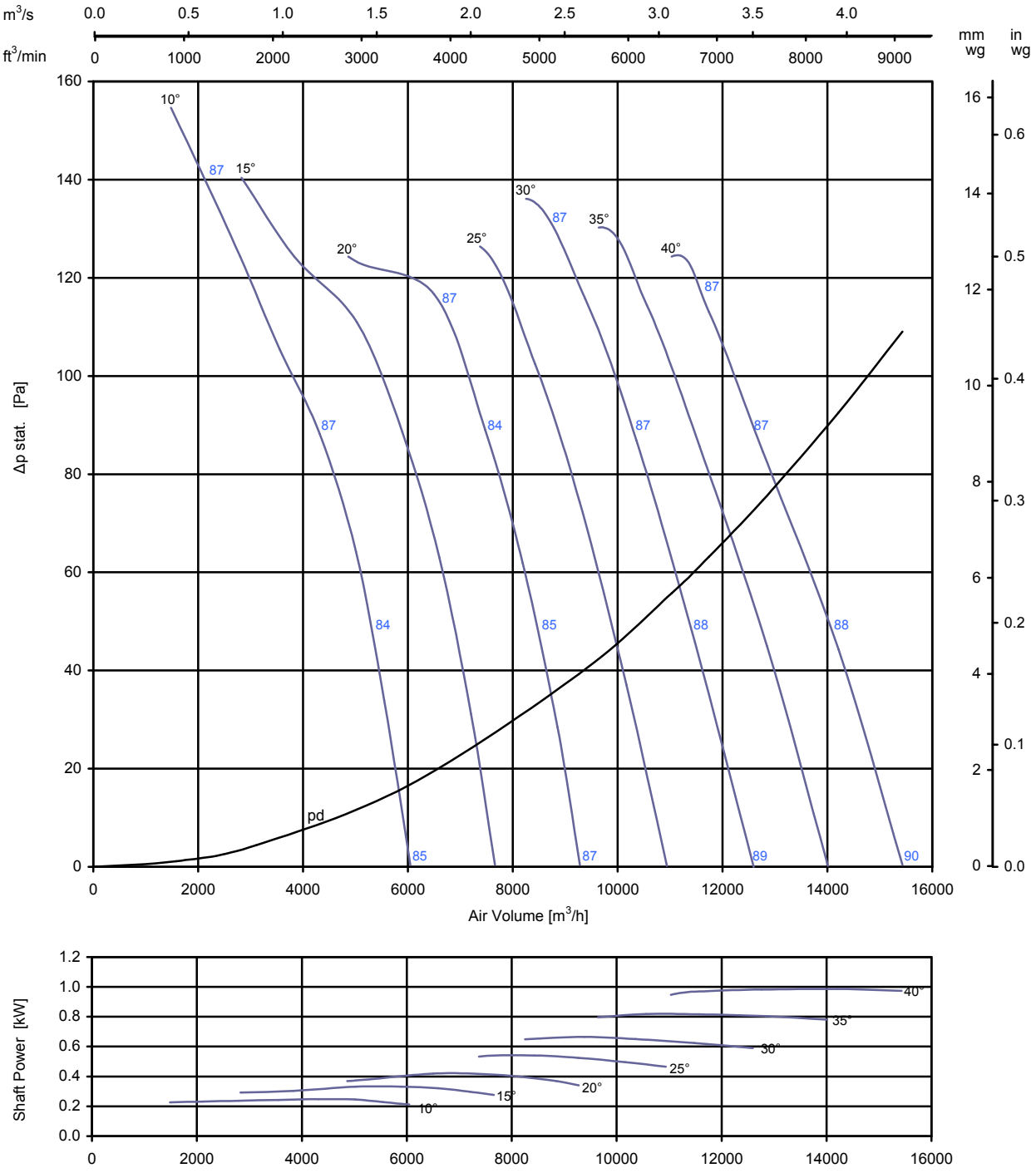
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<120	-5	-3	-11	-7	-9	-12	-18	-26
	<200	-5	-2	-8	-6	-9	-14	-20	-28
25°	<120	-7	-1	-13	-14	-18	-21	-26	-31
	<200	-7	-1	-13	-9	-13	-18	-23	-29
40°	<120	-7	-2	-12	-14	-18	-22	-26	-31
	<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) 630-10-6, 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

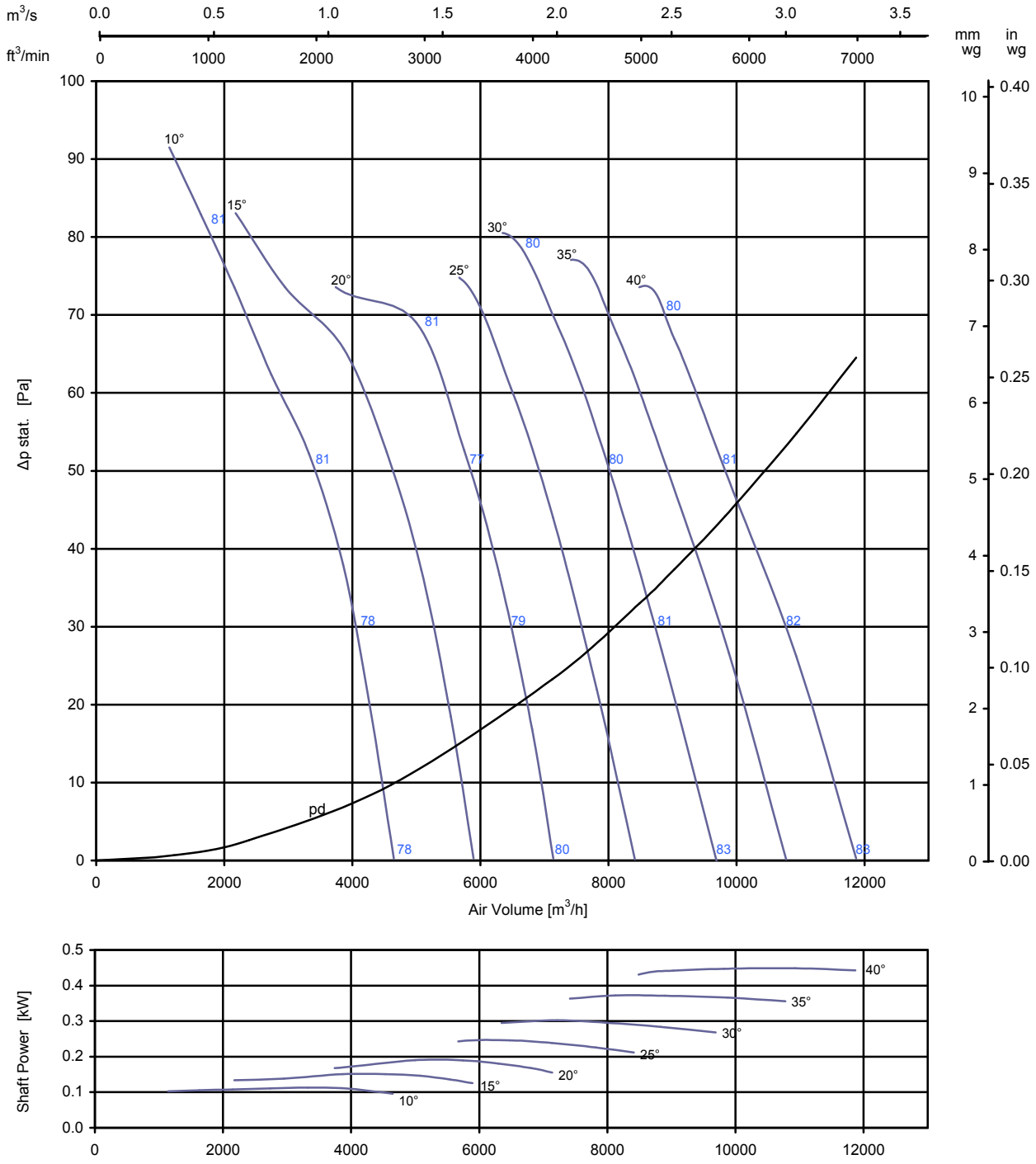
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

Systemair

Matthews & Yates Division

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 specificially under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

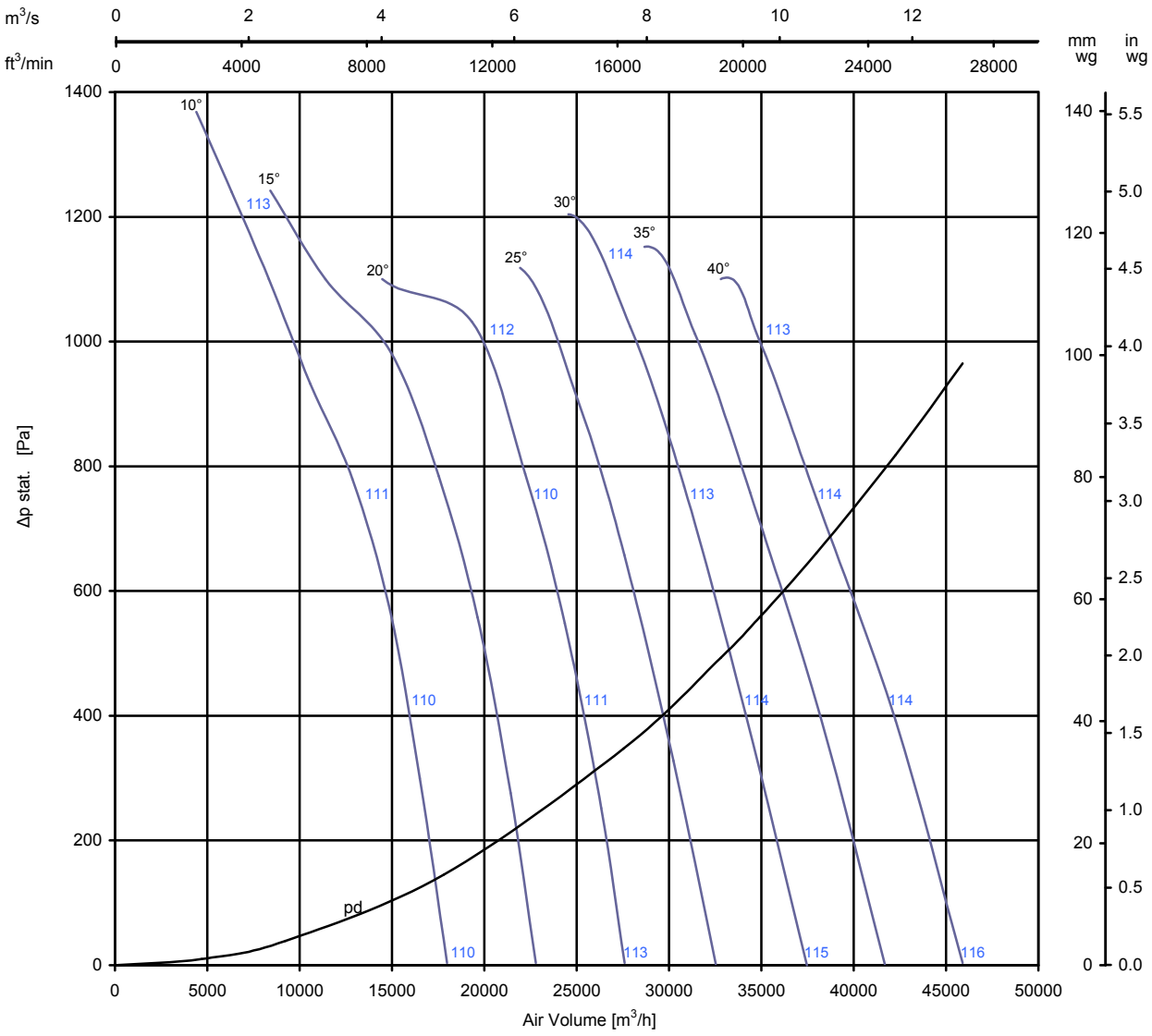
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<40	-8	-7	-7	-5	-7	-12	-20	-28
	<80	-7	-3	-3	-7	-13	-19	-27	-33
20°	<40	-7	-4	-6	-9	-11	-14	-22	-28
	<70	-7	-5	-5	-7	-11	-14	-21	-28
30°	<50	-6	-4	-7	-10	-14	-18	-23	-28
	<80	-6	-6	-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) 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 specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

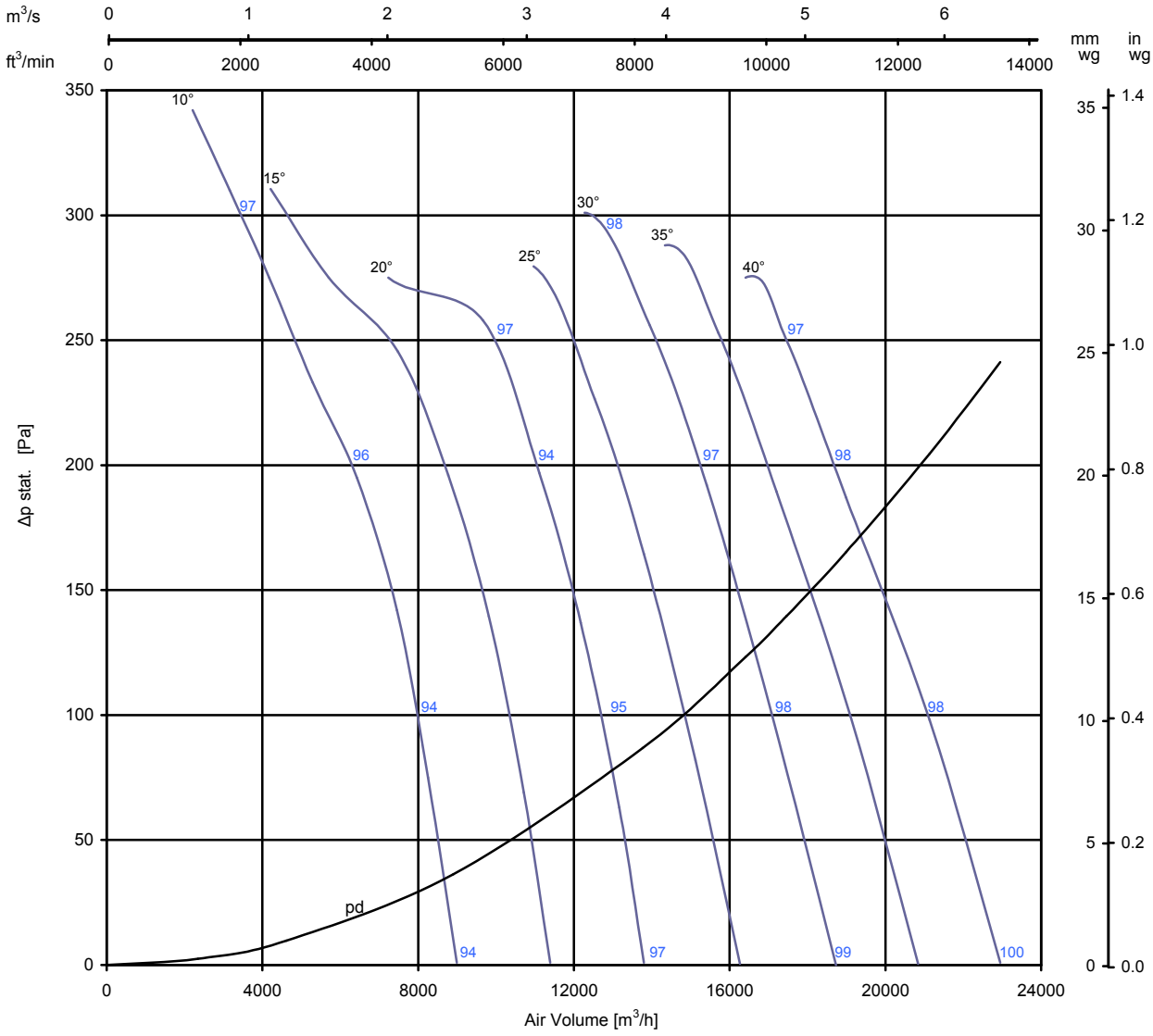
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<500	-8	-5	-11	-9	-9	-8	-10	-15
	<1240	-9	-6	-9	-5	-4	-9	-14	-21
20°	<500	-7	-4	-10	-7	-10	-13	-15	-19
	<1000	-8	-5	-11	-7	-6	-8	-12	-18
30°	<500	-8	-5	-10	-7	-10	-13	-17	-22
	<1170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

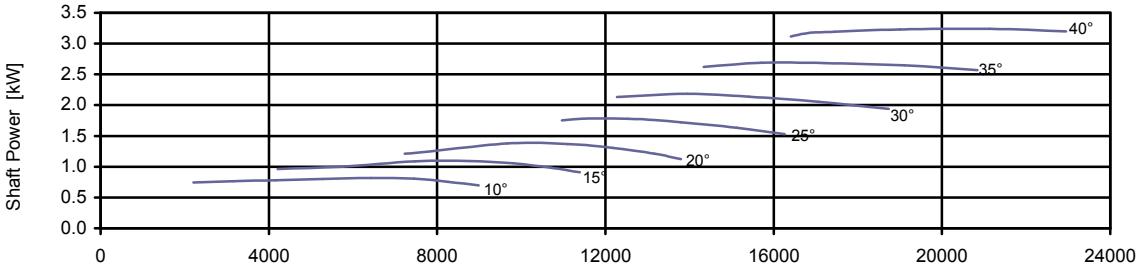
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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.

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

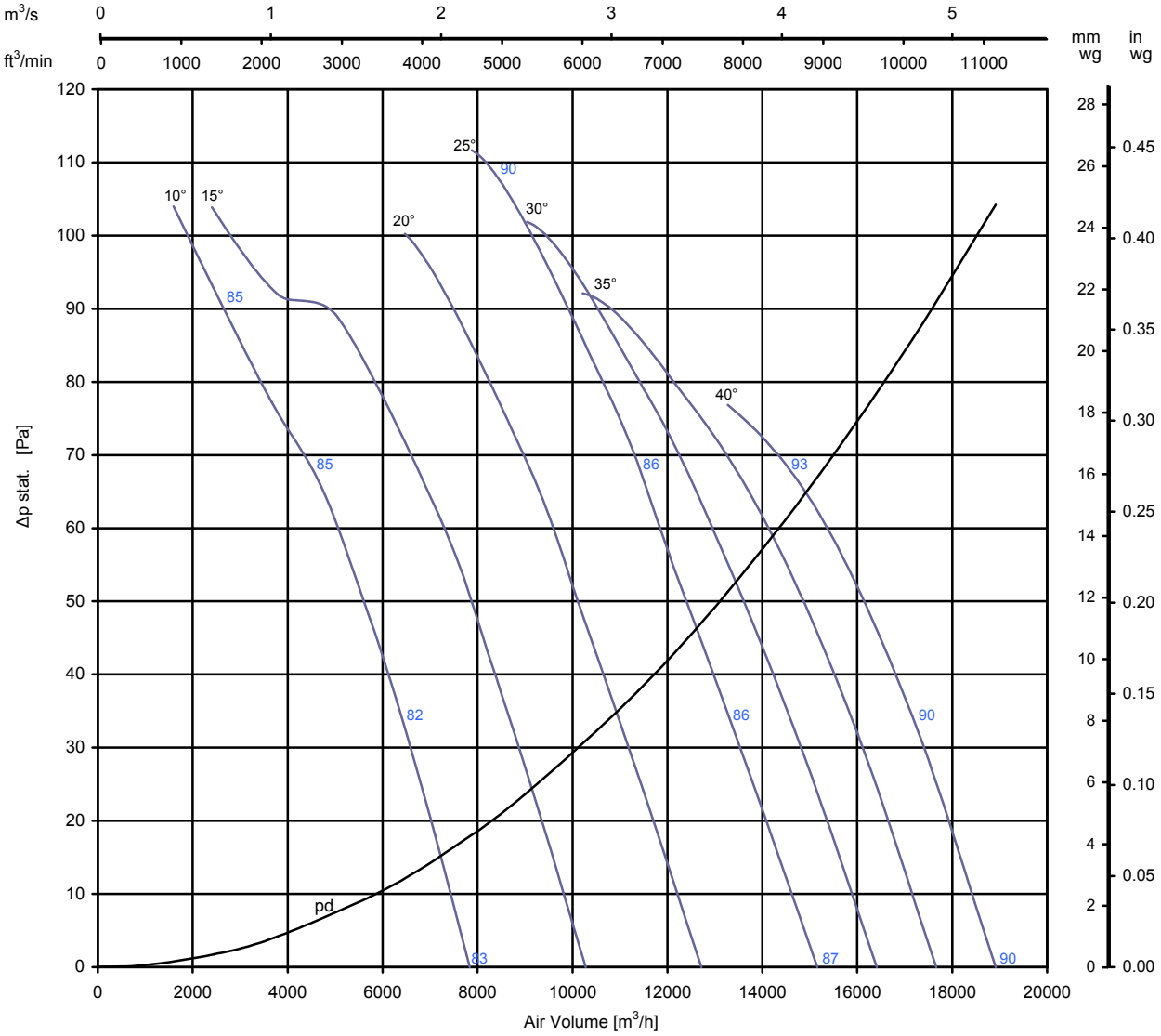
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

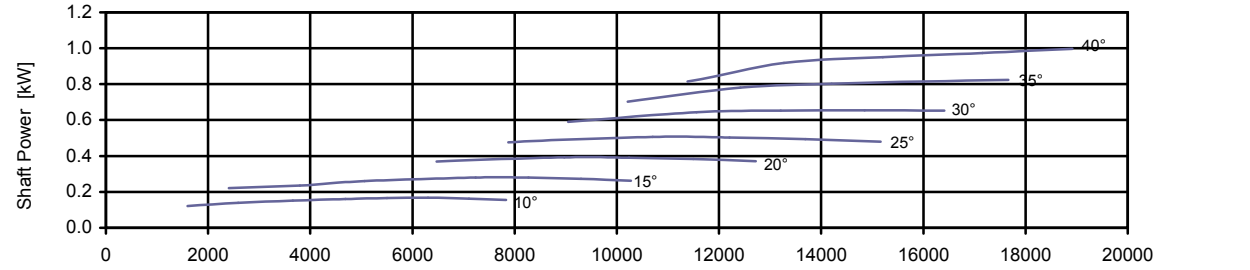
Systemair

Matthews & Yates Division

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/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.

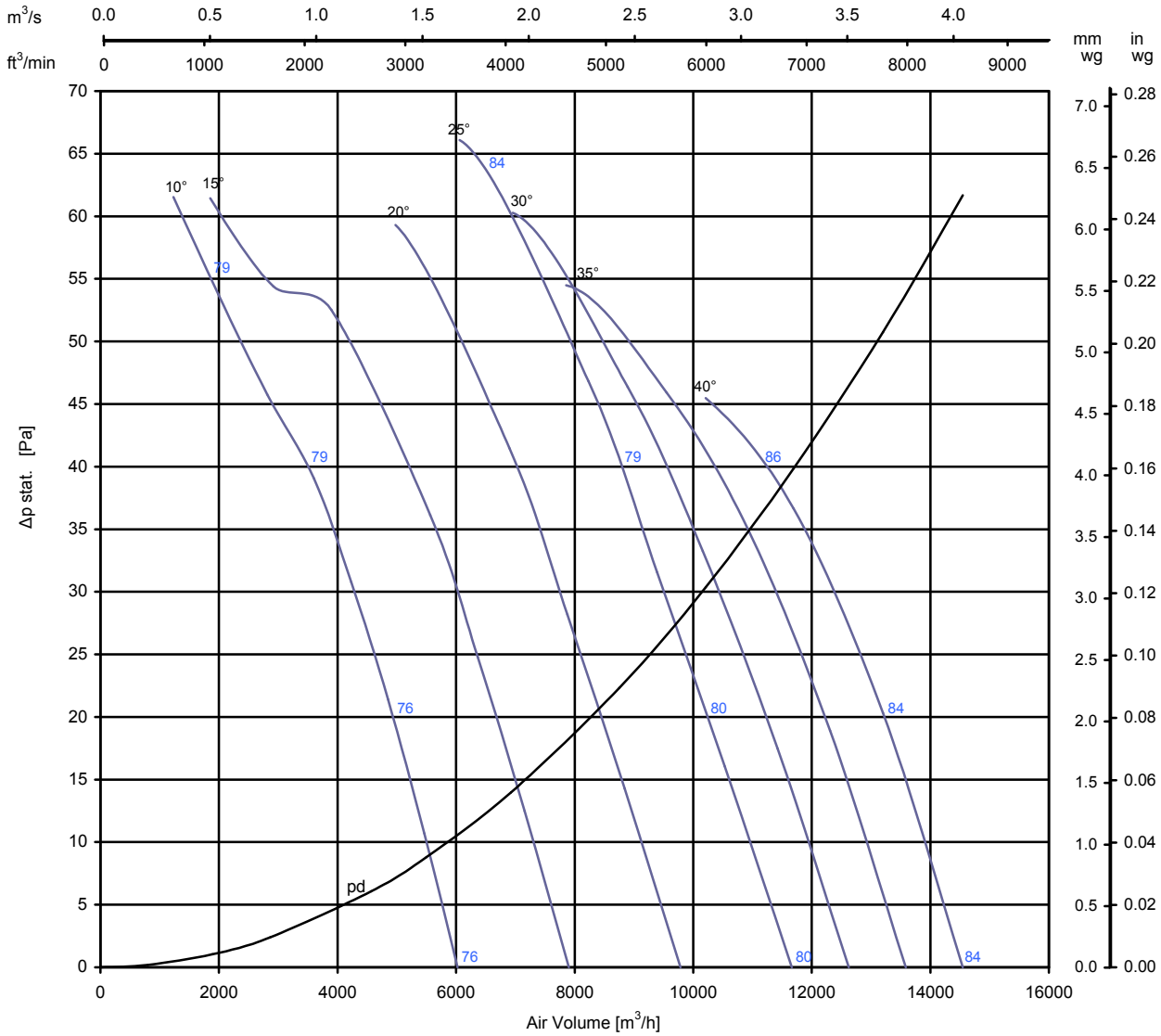
Values shown are for inlet Lwi sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

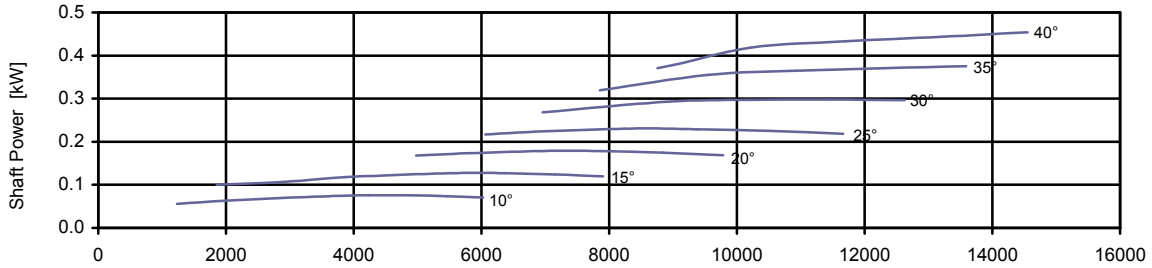
Systemair

Matthews & Yates Division

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.

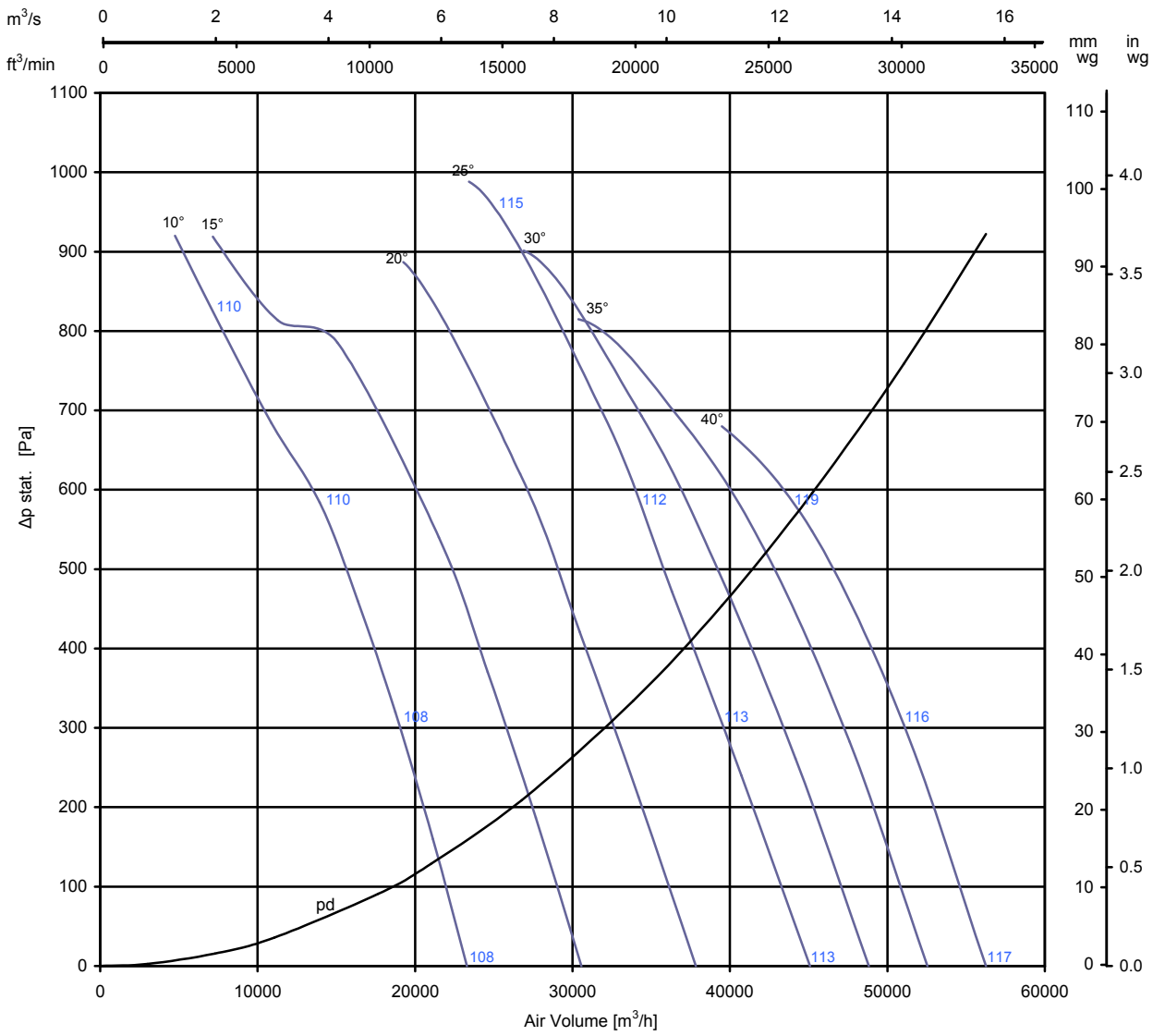
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<30	-7	-9	-6	-6	-7	-11	-19	-28
	<50	-10	-10	-6	-5	-9	-14	-23	-32
25°	<30	-3	-6	-7	-10	-14	-19	-24	-28
	<65	-3	-6	-4	-8	-13	-19	-23	-27
40°	<30	-3	-6	-7	-10	-13	-18	-23	-28
	<40	-3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

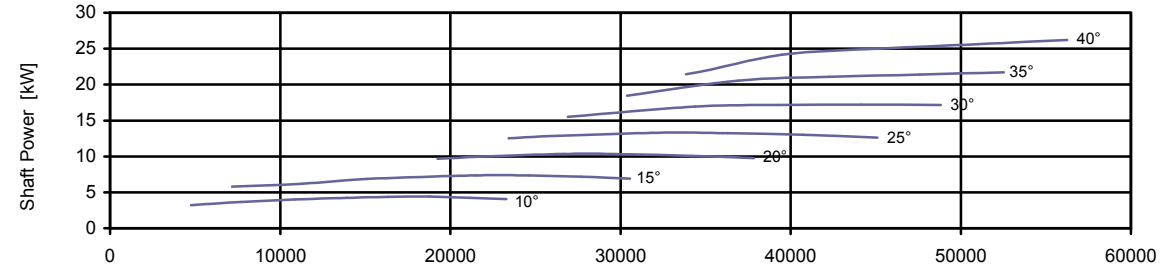
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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) 710-5-2, 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.

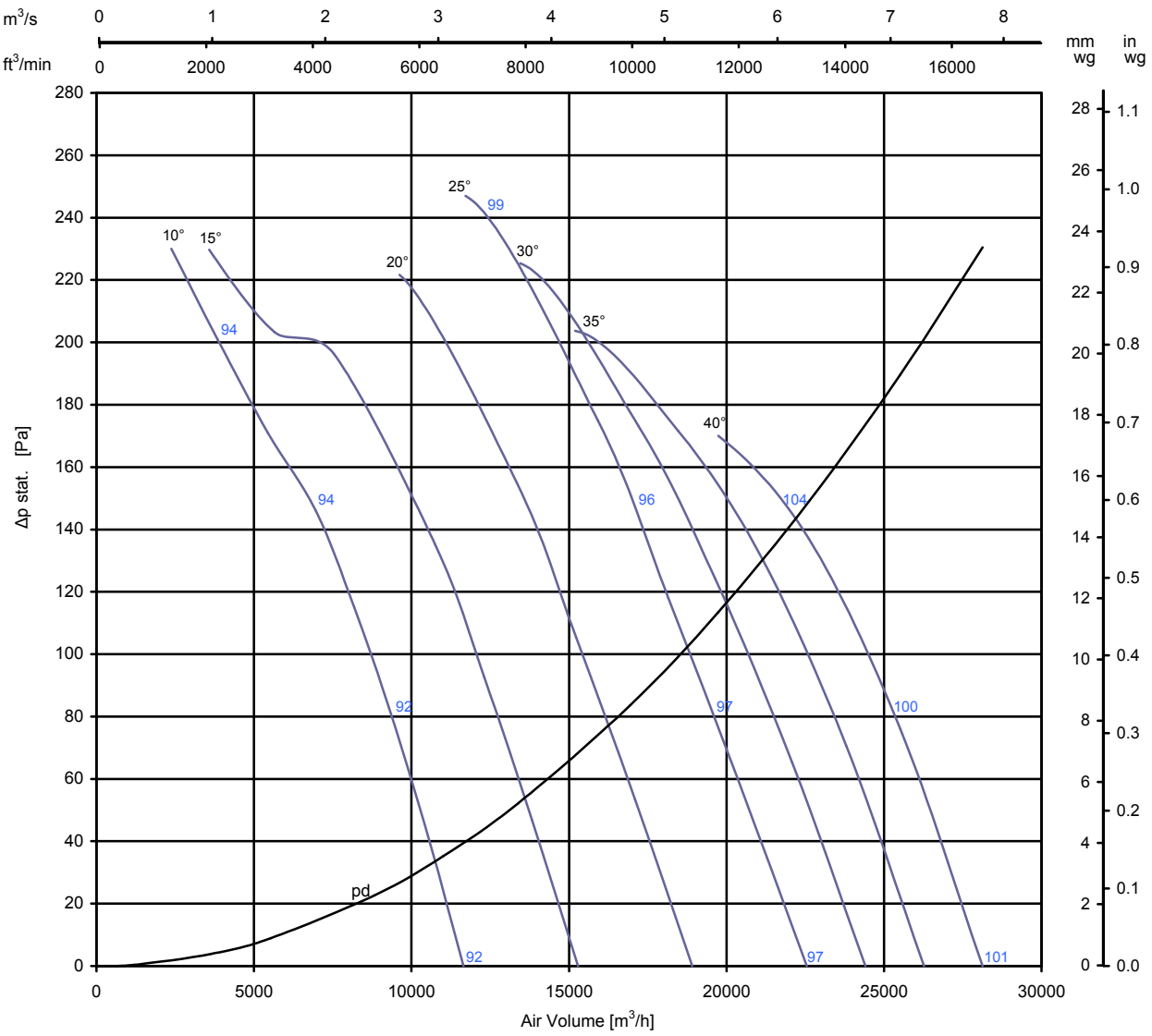
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-8	-5	-9	-11	-8	-8	-10	-13
	<800	-10	-7	-11	-11	-5	-7	-11	-16
25°	<400	-7	-4	-7	-10	-11	-14	-18	-23
	<950	-7	-4	-6	-8	-6	-10	-15	-22
40°	<400	-7	-4	-6	-9	-11	-13	-16	-21
	<600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

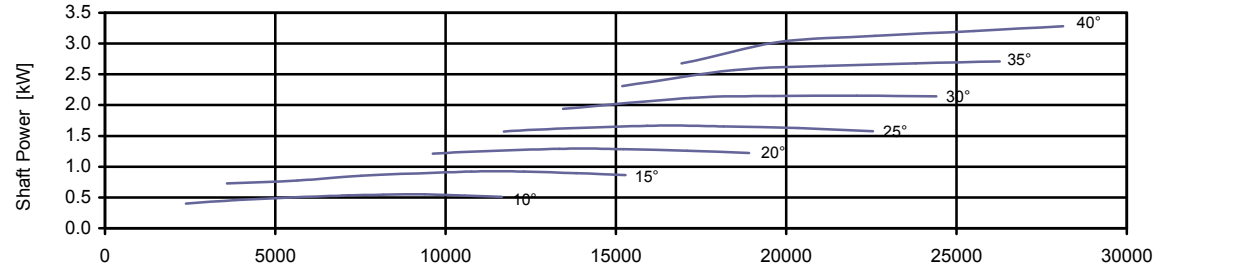
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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) 710-5-4, 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.

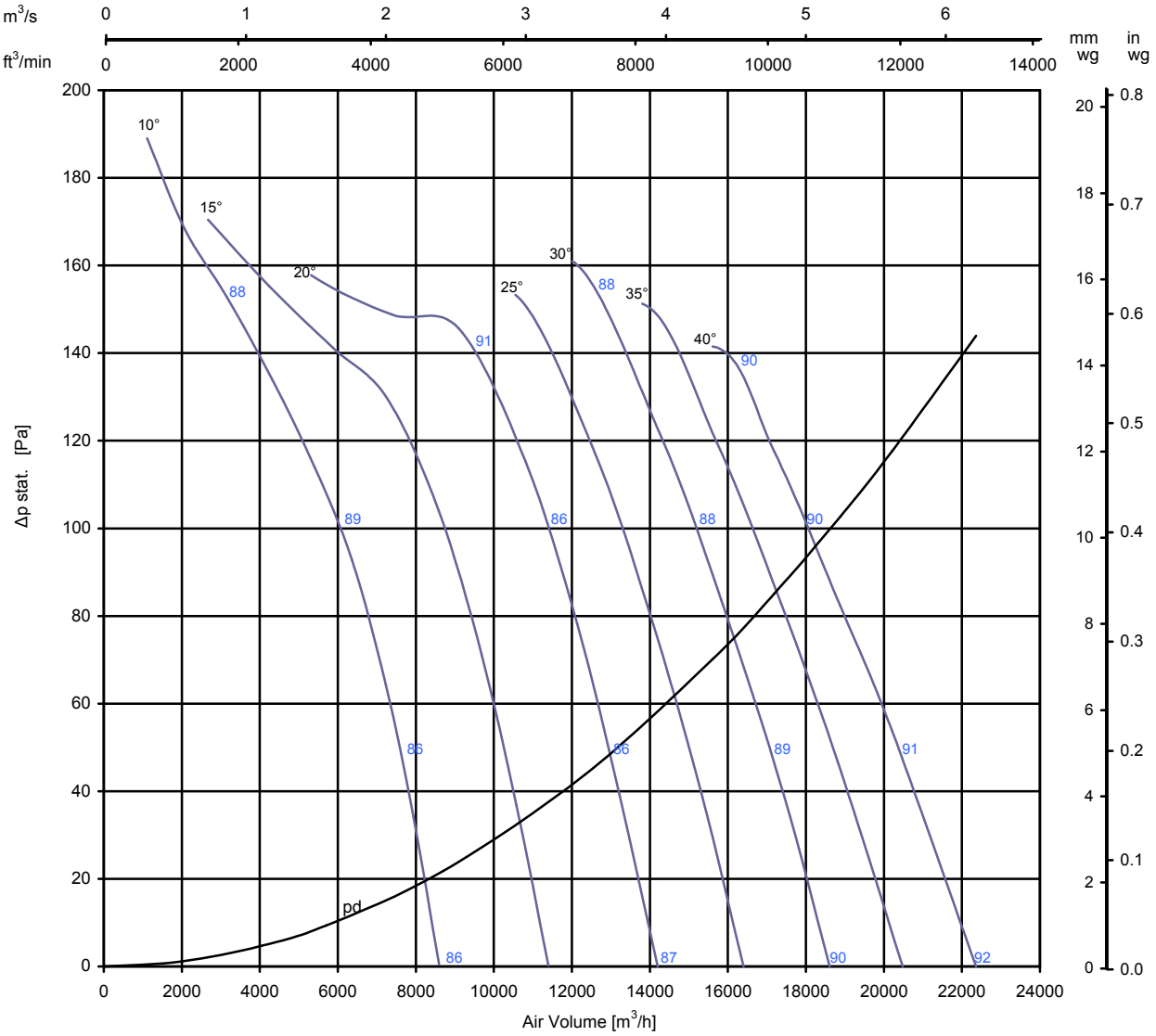
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<100	-4	-8	-10	-7	-7	-9	-12	-21
	<200	-6	-11	-10	-4	-6	-10	-15	-24
25°	<100	-3	-5	-9	-10	-13	-17	-22	-26
	<240	-3	-5	-7	-5	-9	-14	-21	-26
40°	<100	-4	-5	-9	-10	-13	-15	-21	-26
	<160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

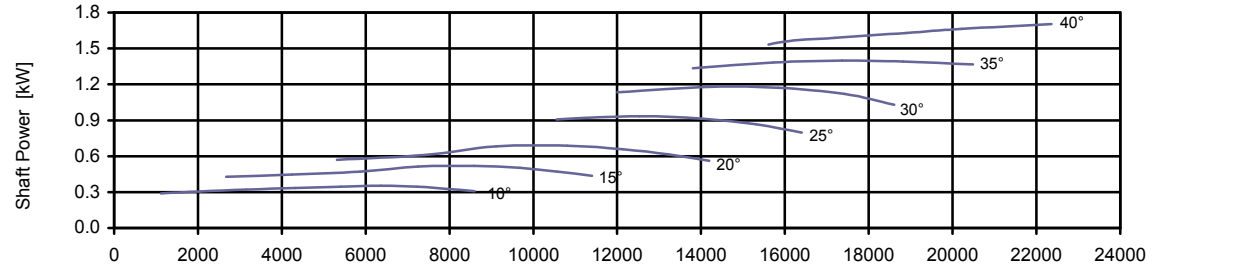
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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) 710-10-6, 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.

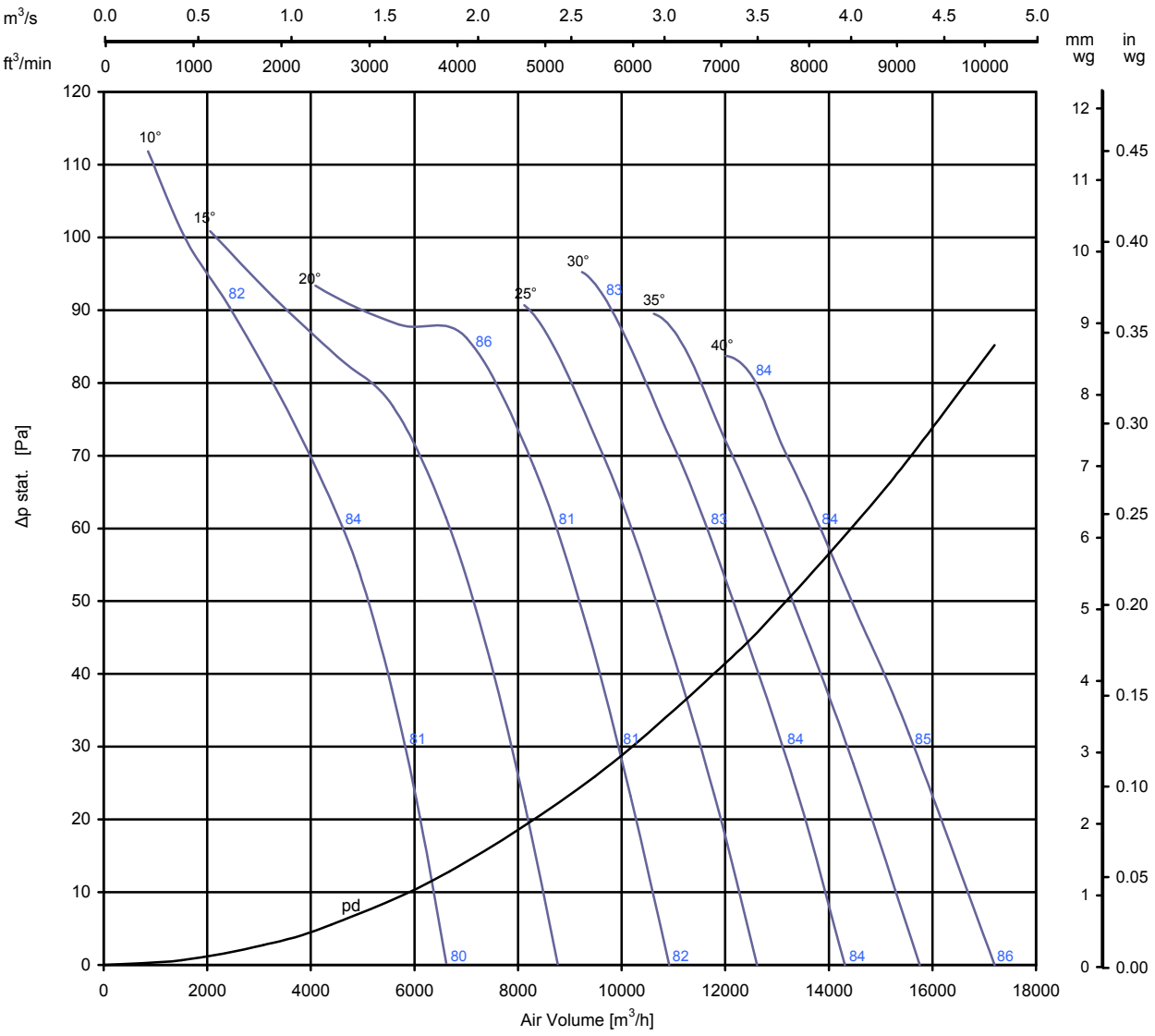
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<90	-10	-9	-6	-6	-5	-9	-16	-24
	<150	-6	-6	-4	-5	-7	-12	-20	-29
20°	<90	-6	-6	-5	-8	-11	-14	-18	-23
	<140	-6	-6	-4	-6	-10	-15	-19	-24
30°	<90	-6	-5	-5	-9	-12	-15	-20	-25
	<150	-7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

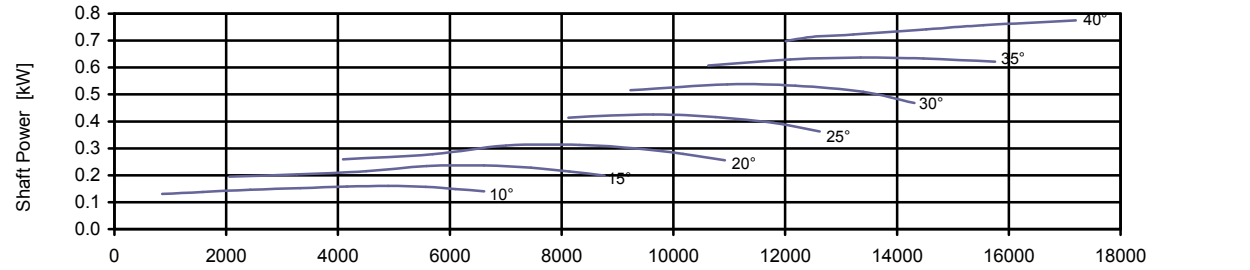
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- 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.

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.

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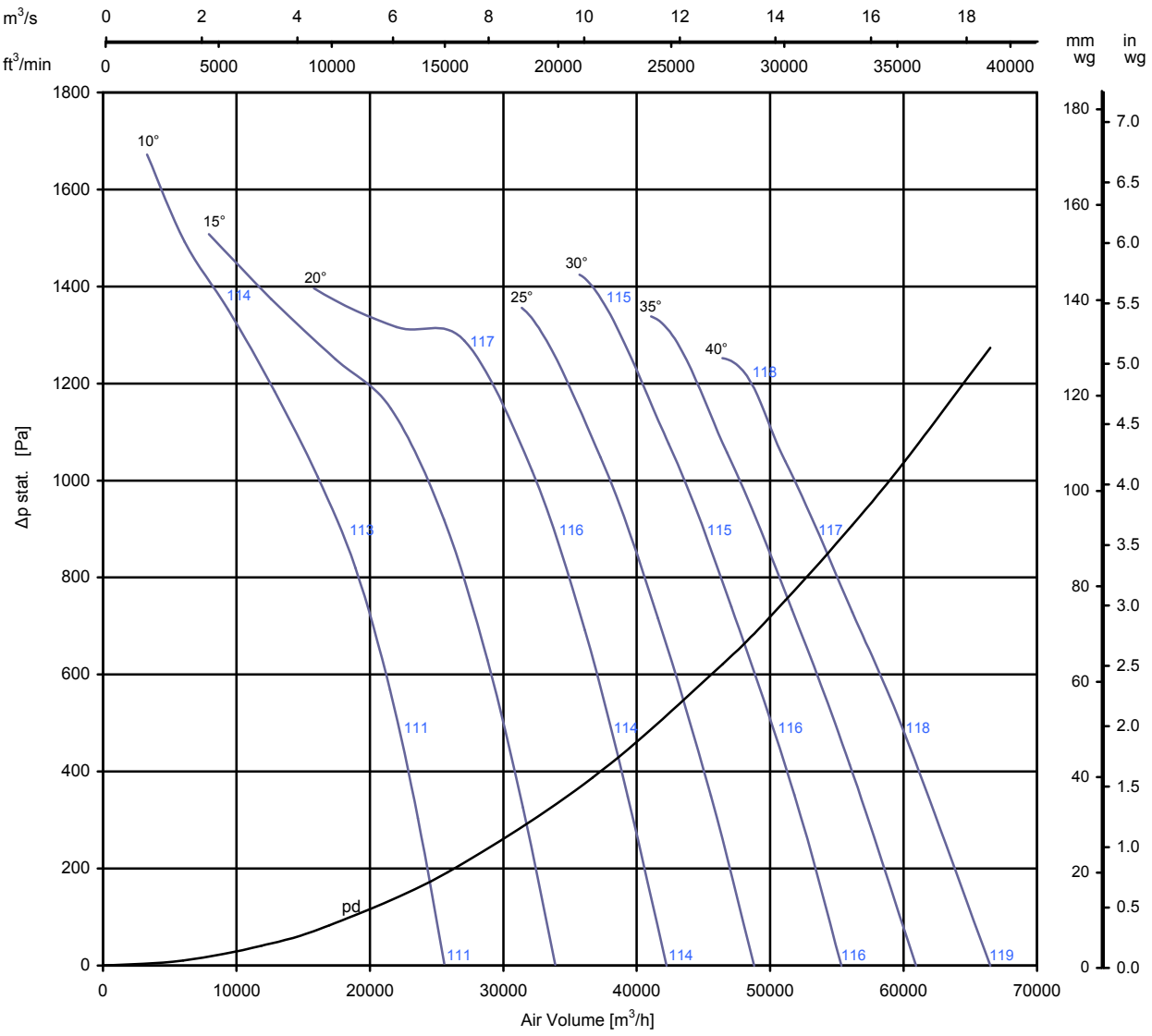
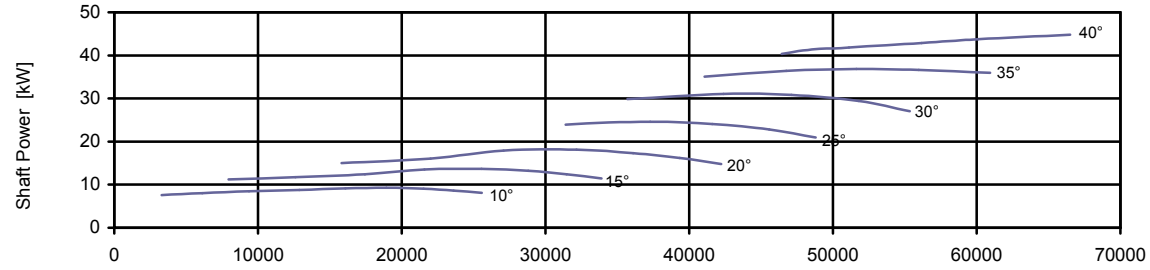
AXC(A) 710-10-2, 50Hz 2900 rpm

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/m³, 20°C, 1013hPa

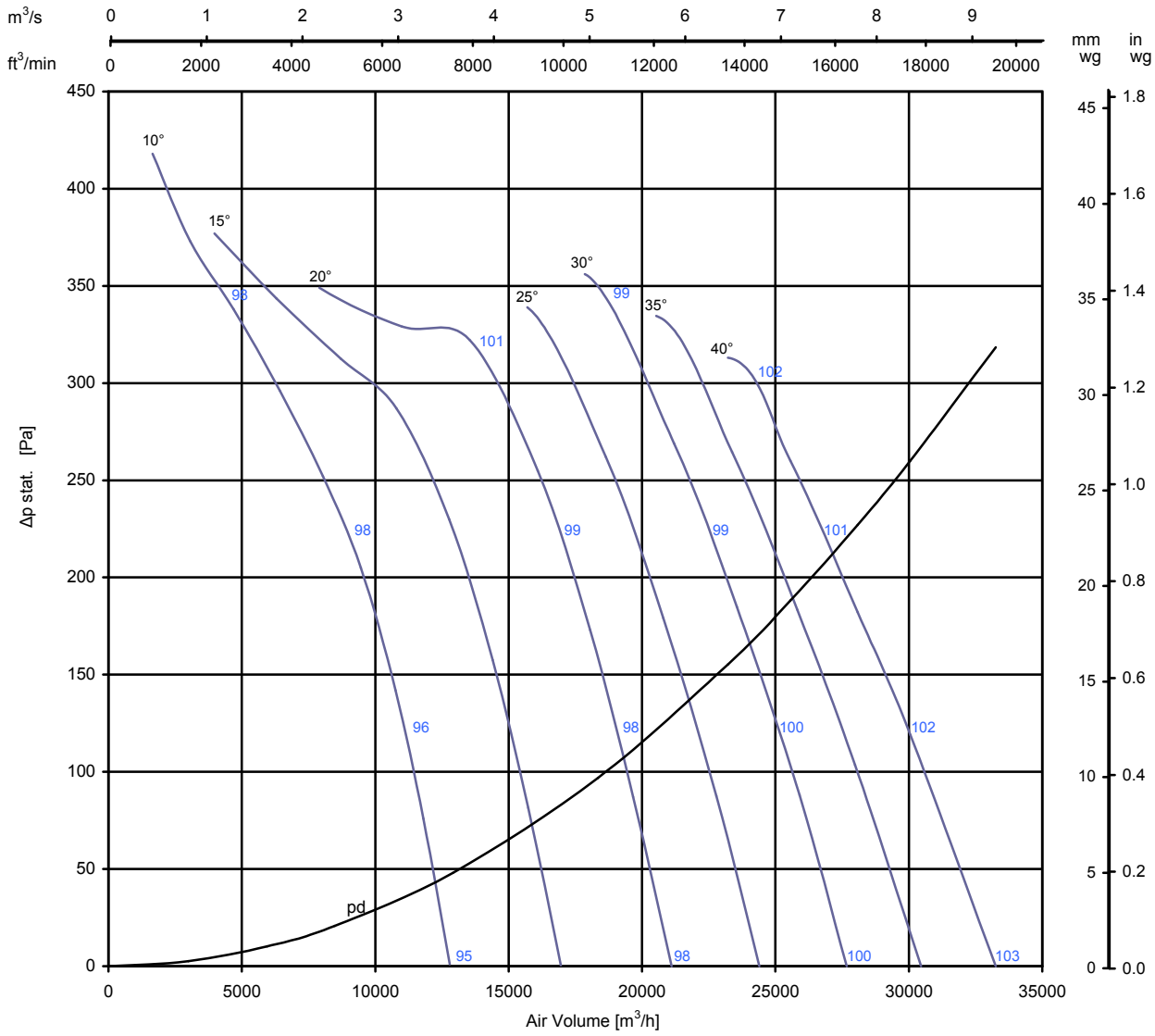
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

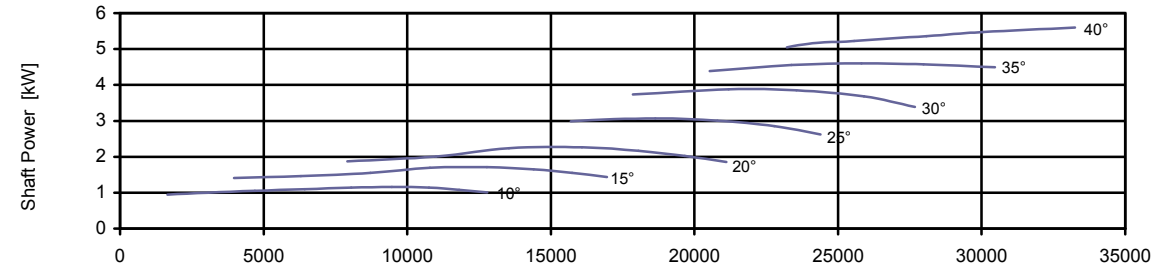
Systemair

Matthews & Yates Division

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

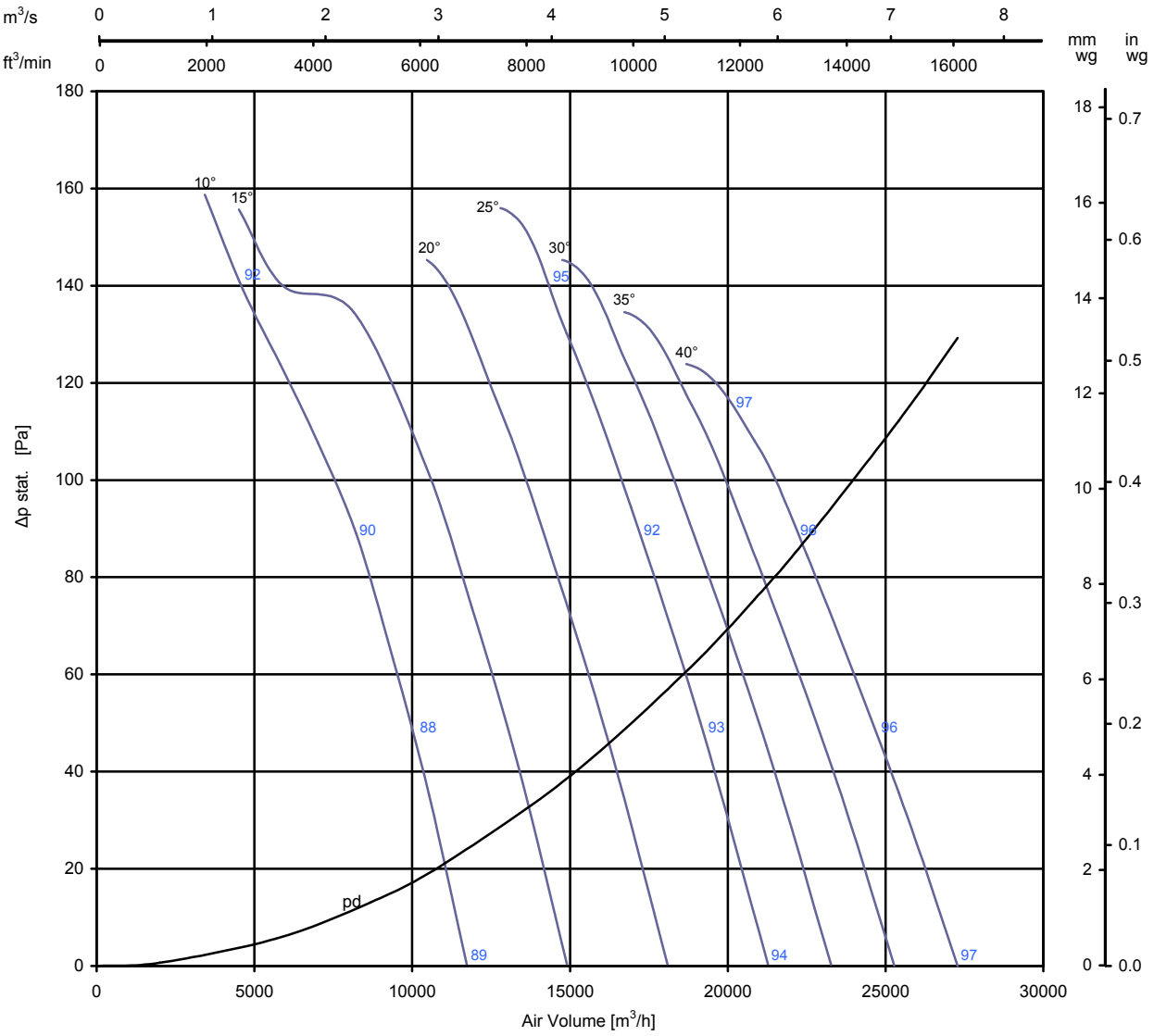
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

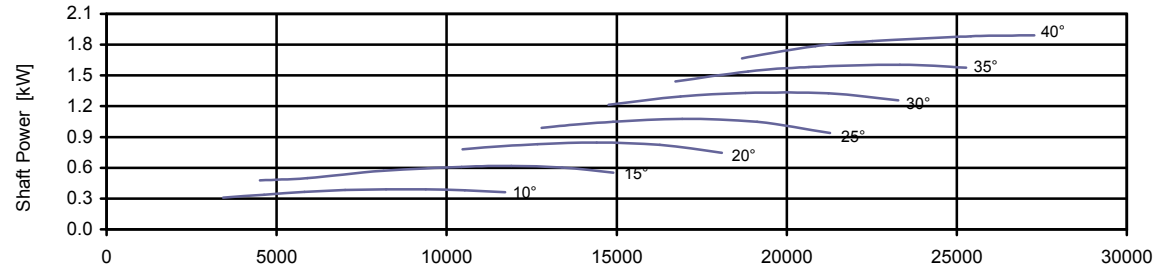
Systemair

Matthews & Yates Division

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/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.

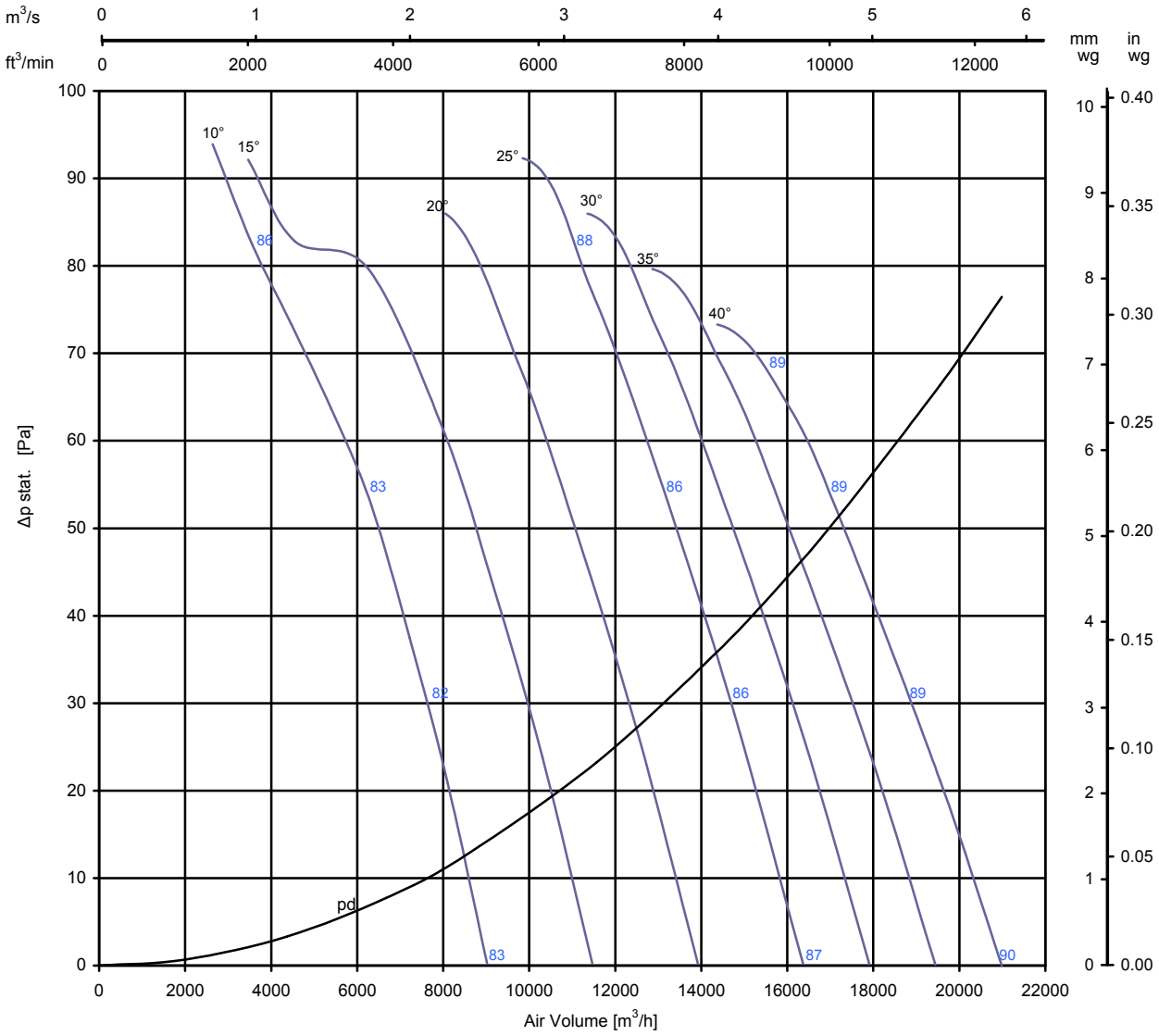
Systemair

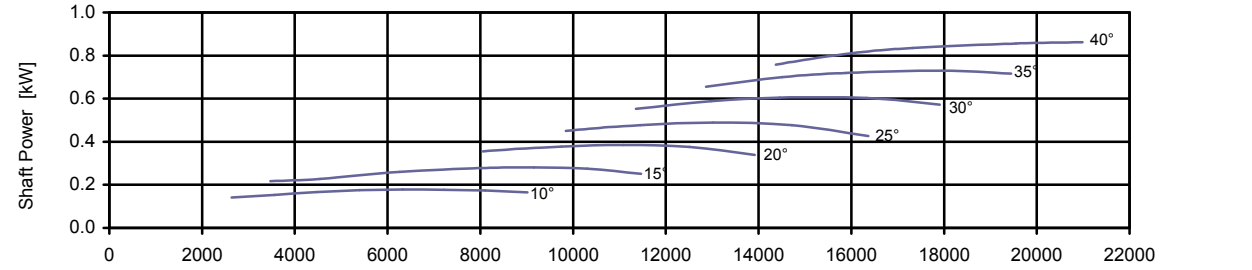
Matthews & Yates Division

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

V

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

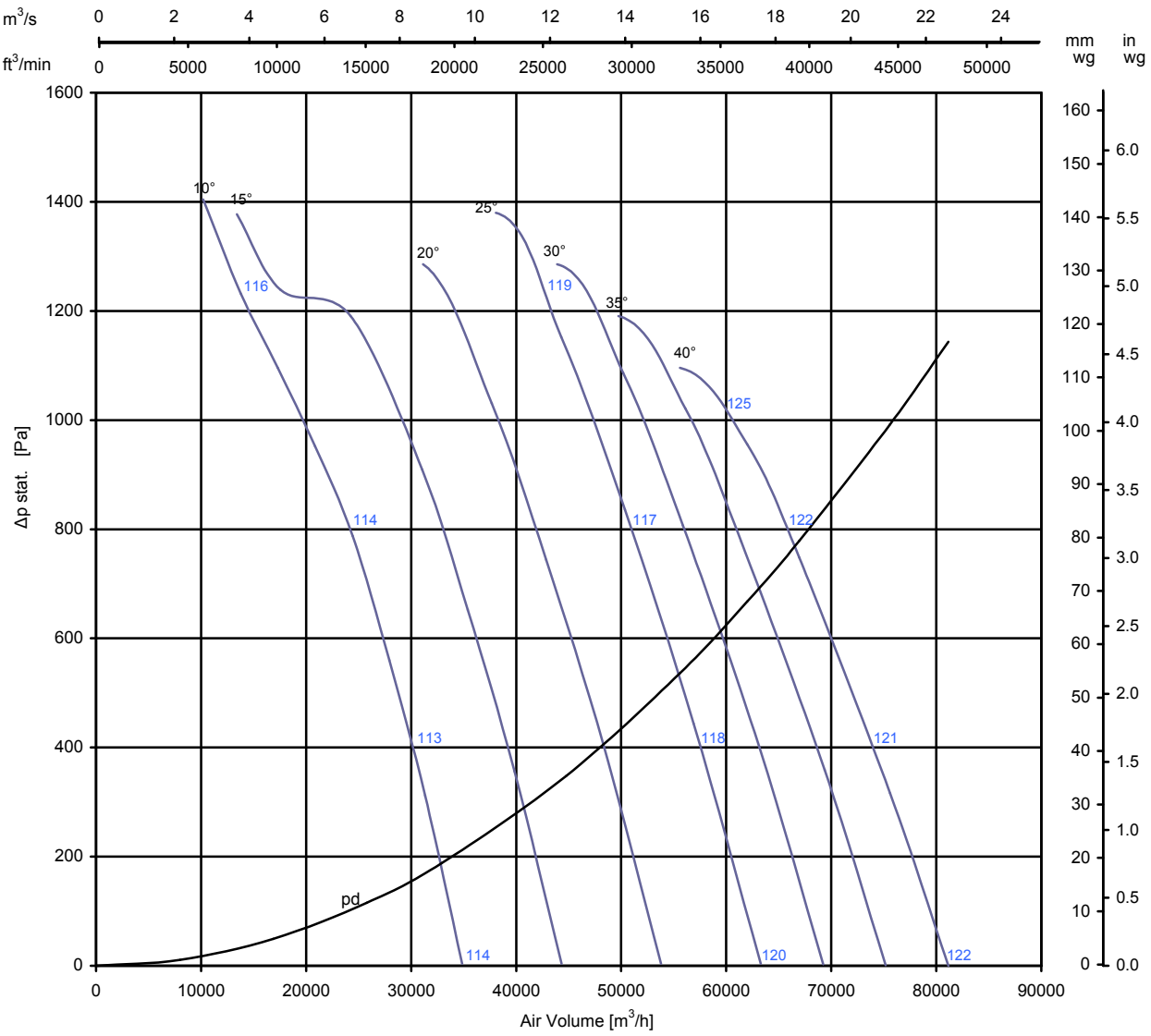
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

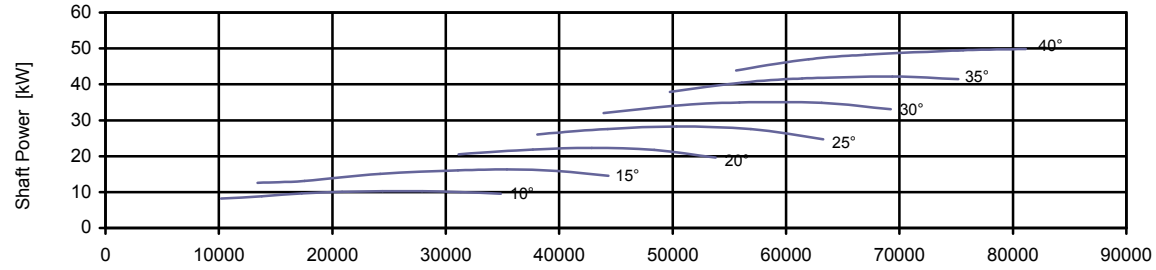
Systemair

Matthews & Yates Division

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.

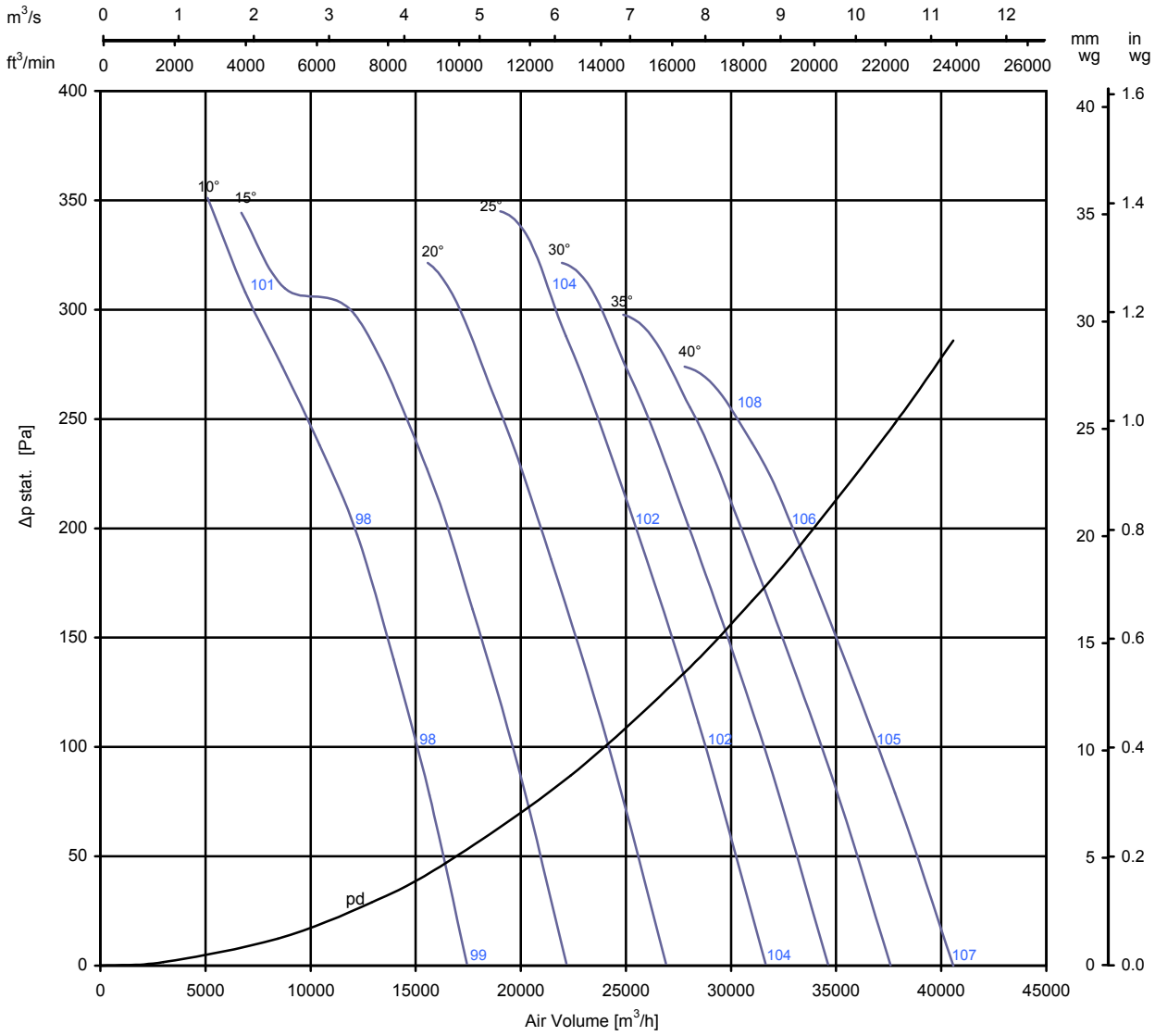
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<700	-8	-5	-7	-10	-6	-7	-8	-14
	<1200	-11	-8	-4	-6	-5	-6	-10	-17
25°	<700	-8	-5	-7	-8	-10	-11	-16	-22
	<1200	-9	-6	-8	-9	-6	-9	-14	-20
40°	<700	-7	-4	-7	-8	-11	-13	-17	-23
	<1000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

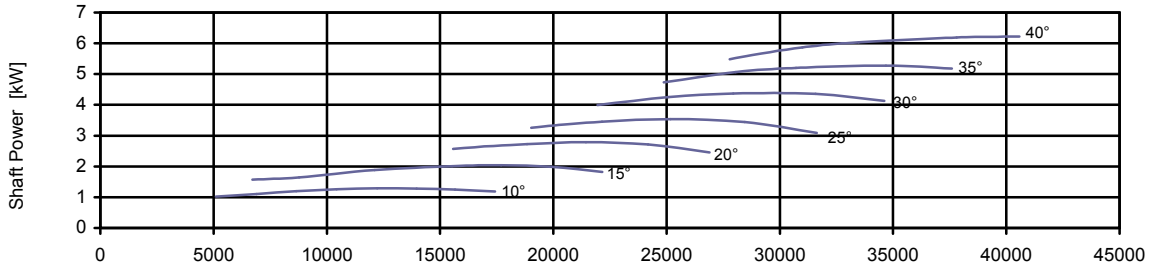
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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) 800-7-4, 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

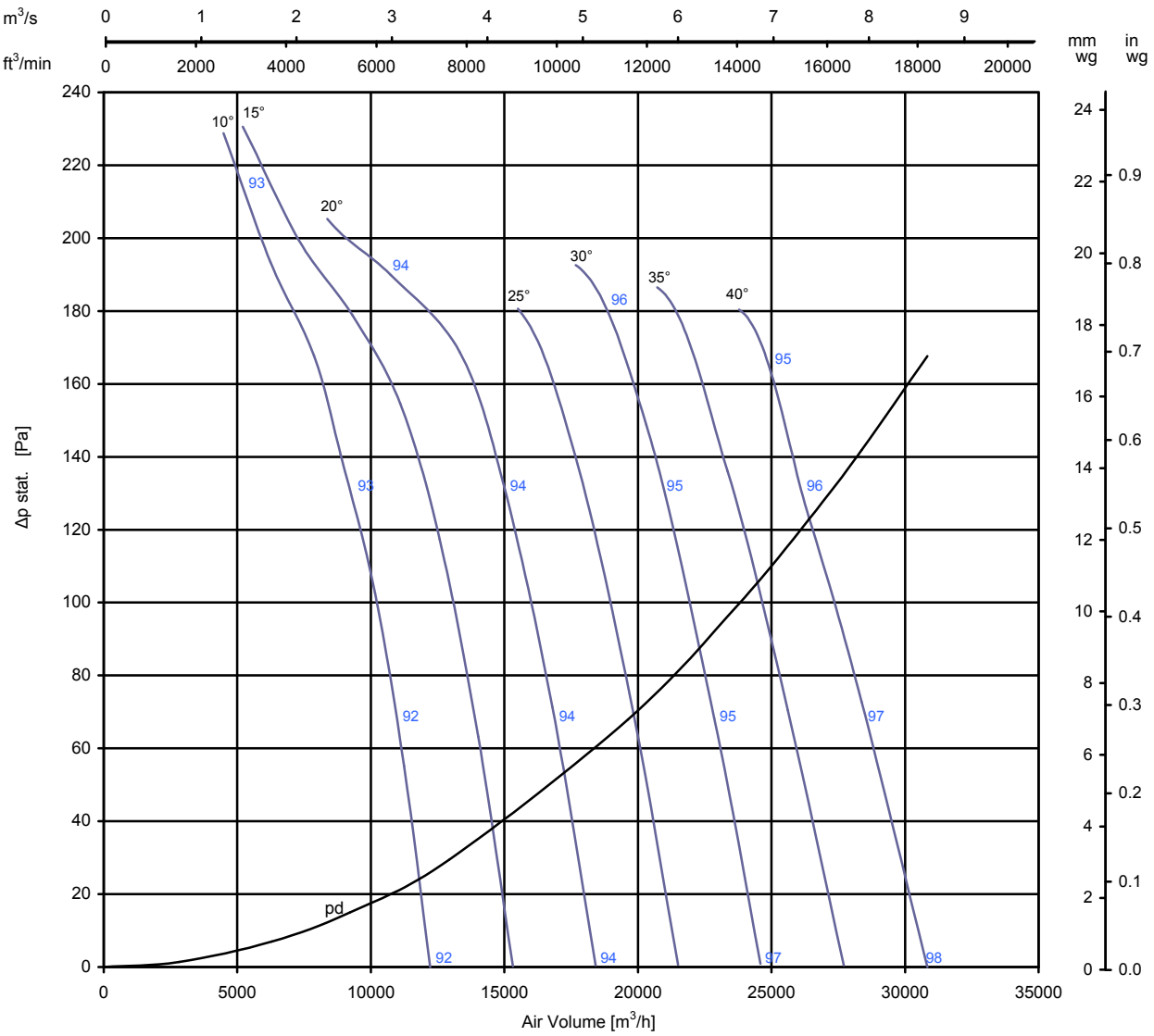
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

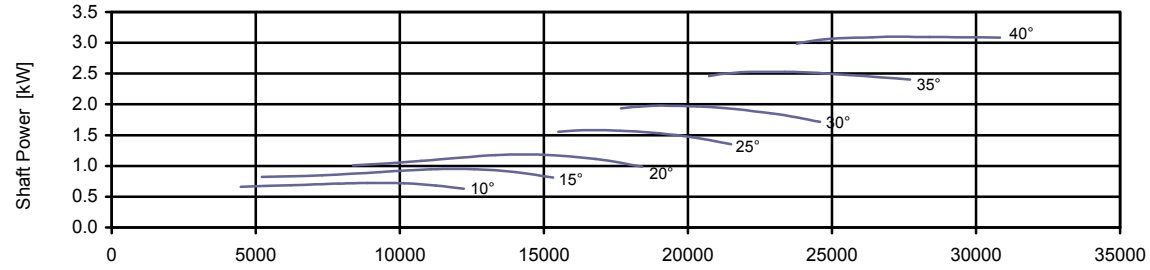
Systemair

Matthews & Yates Division

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

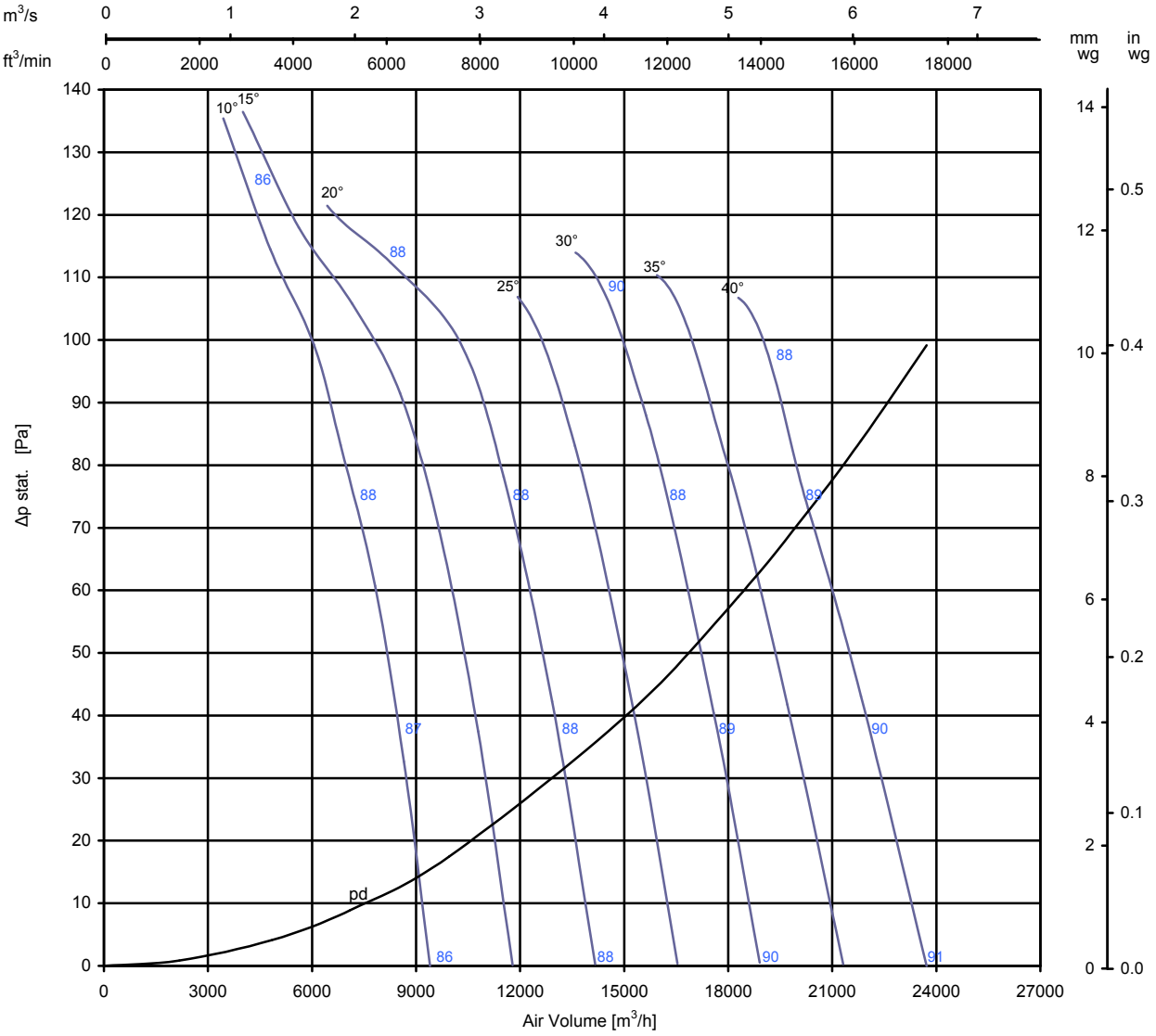
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

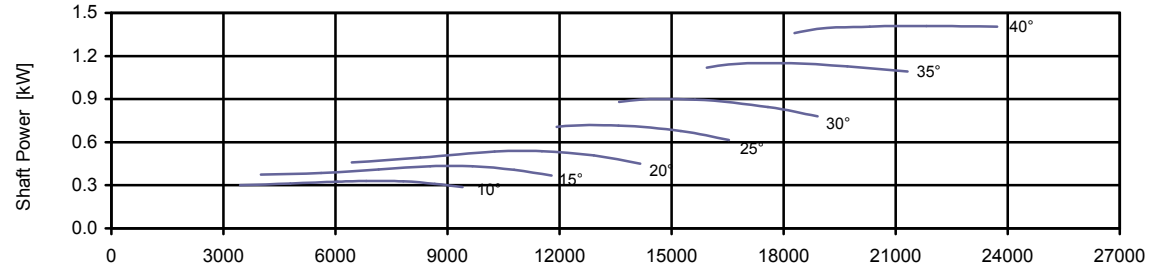
Systemair

Matthews & Yates Division

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

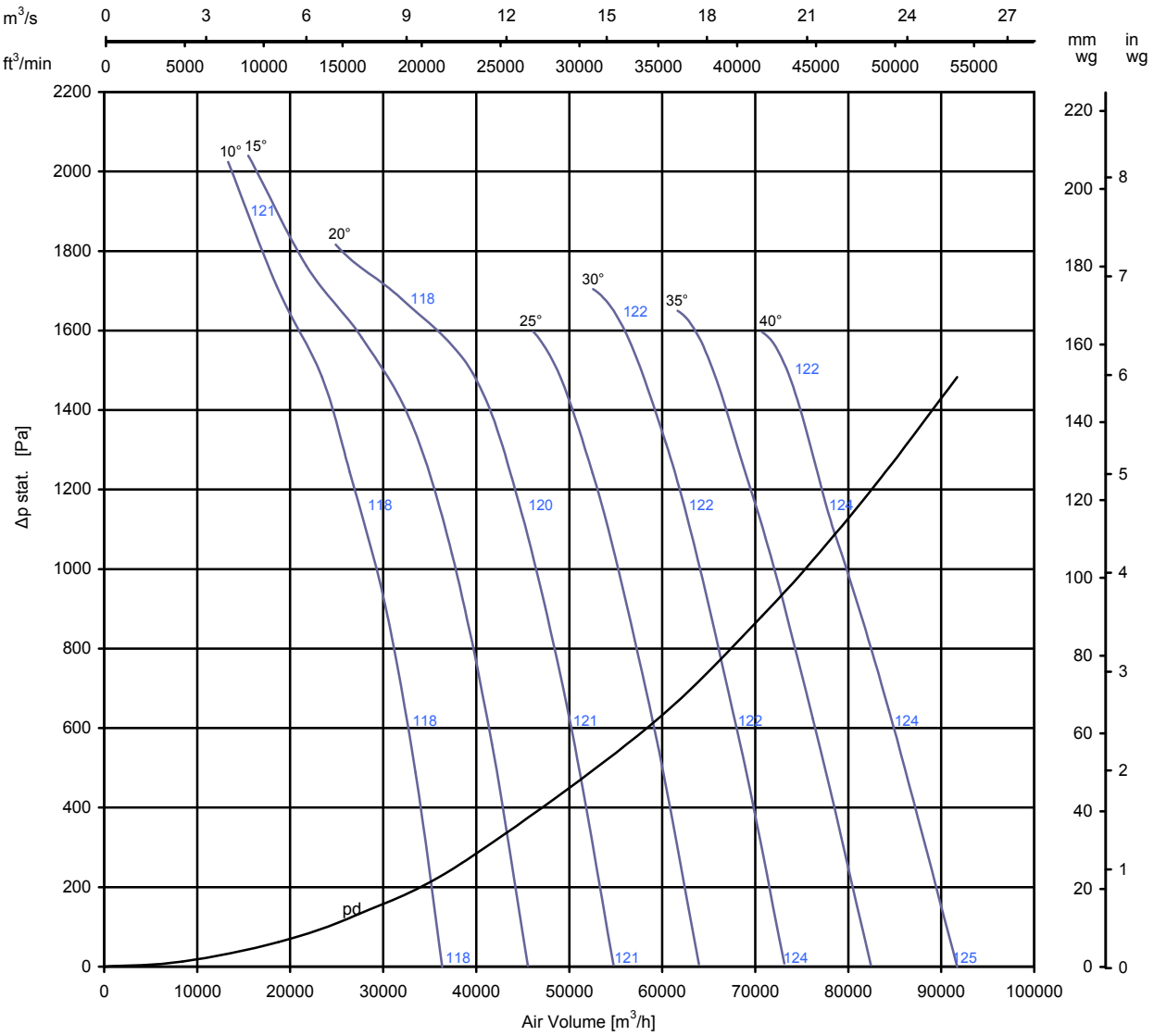
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown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

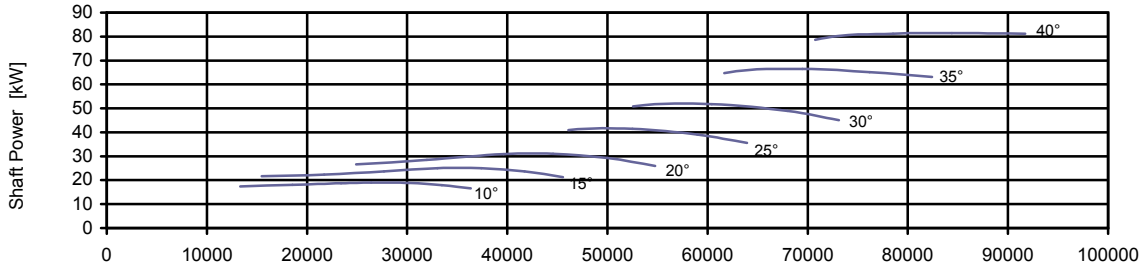
Systemair

Matthews & Yates Division

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.

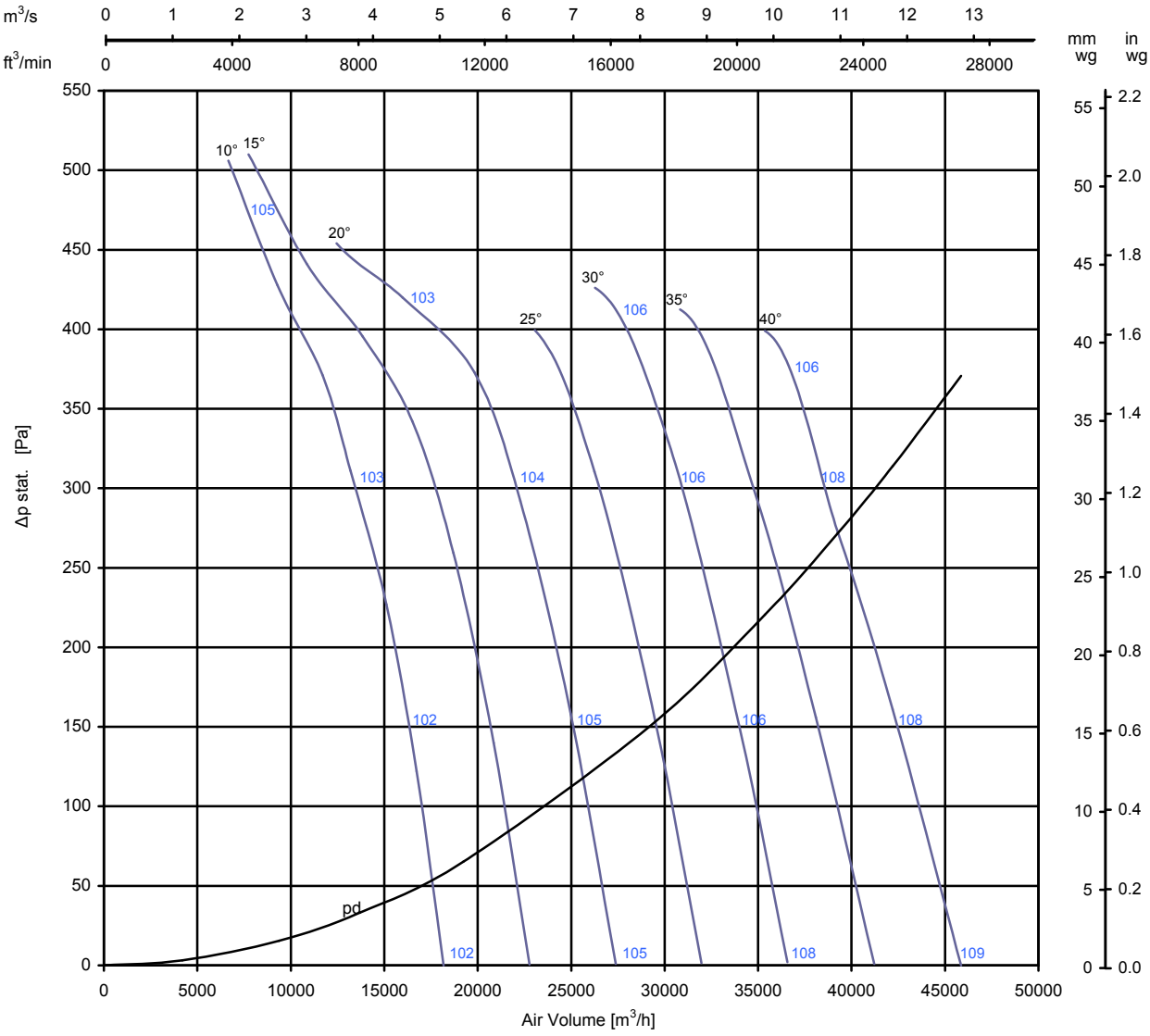
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<1000	-8	-5	-15	-9	-6	-6	-8	-13
	<2000	-6	-3	-15	-6	-6	-7	-9	-14
20°	<1000	-7	-4	-14	-9	-9	-9	-11	-17
	<1800	-8	-5	-15	-6	-5	-7	-11	-17
30°	<1000	-6	-3	-13	-9	-9	-12	-15	-20
	<1600	-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/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) 800-14-4, 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.

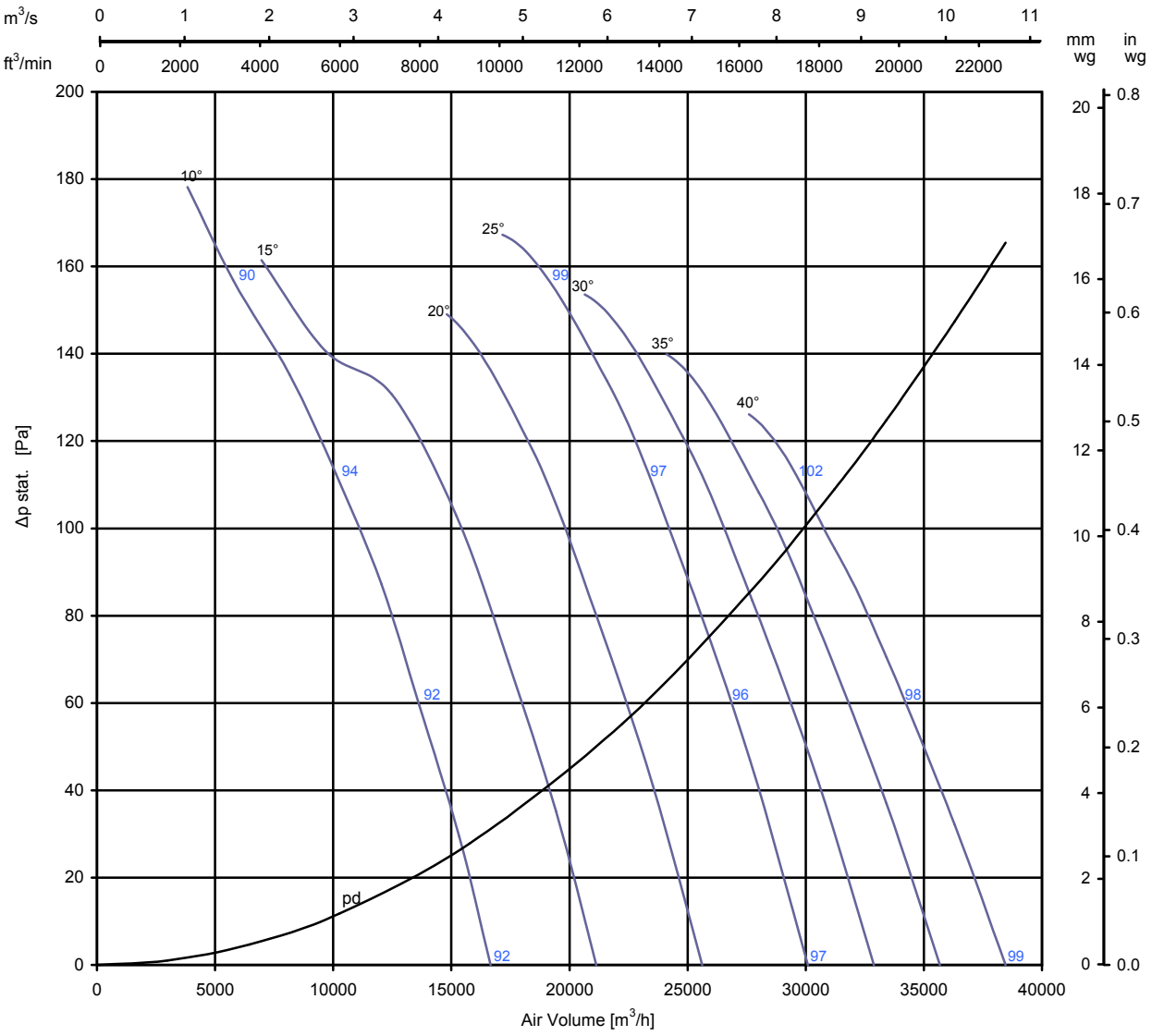
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<250	-4	-14	-8	-6	-6	-8	-13	-19
	<500	-2	-13	-6	-5	-7	-11	-17	-25
20°	<250	-3	-13	-9	-5	-8	-10	-16	-22
	<450	-3	-14	-6	-5	-7	-11	-17	-25
30°	<250	-3	-12	-8	-8	-11	-15	-19	-24
	<400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

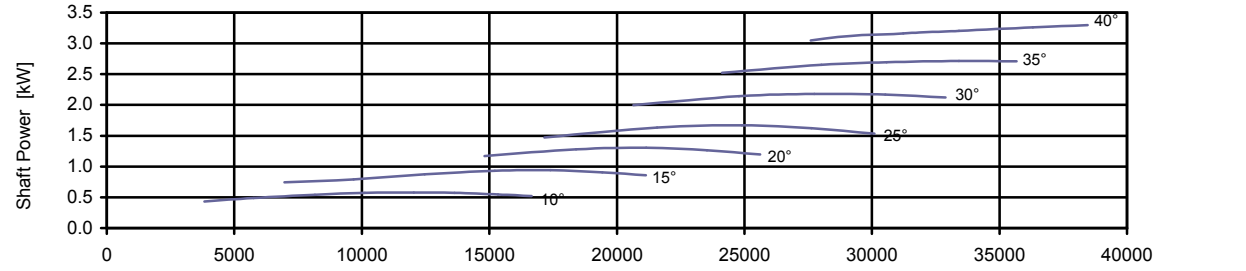
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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) 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

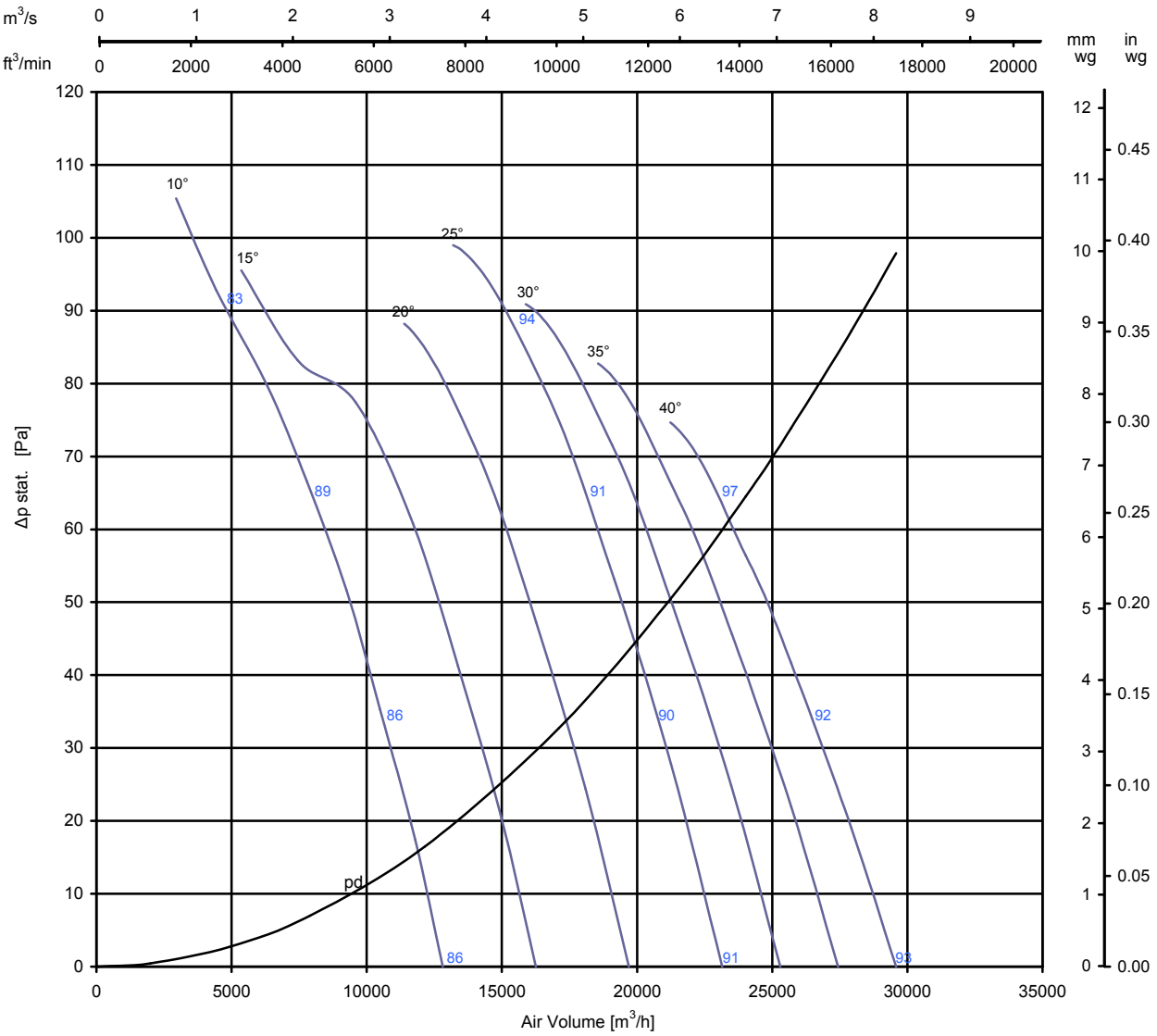
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

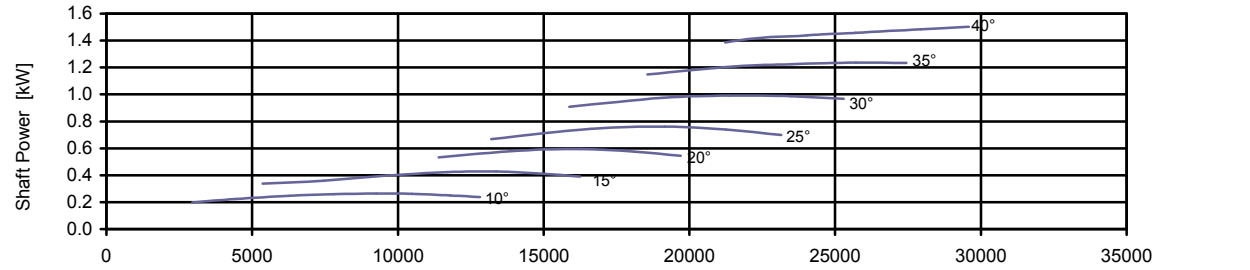
Systemair

Matthews & Yates Division

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.

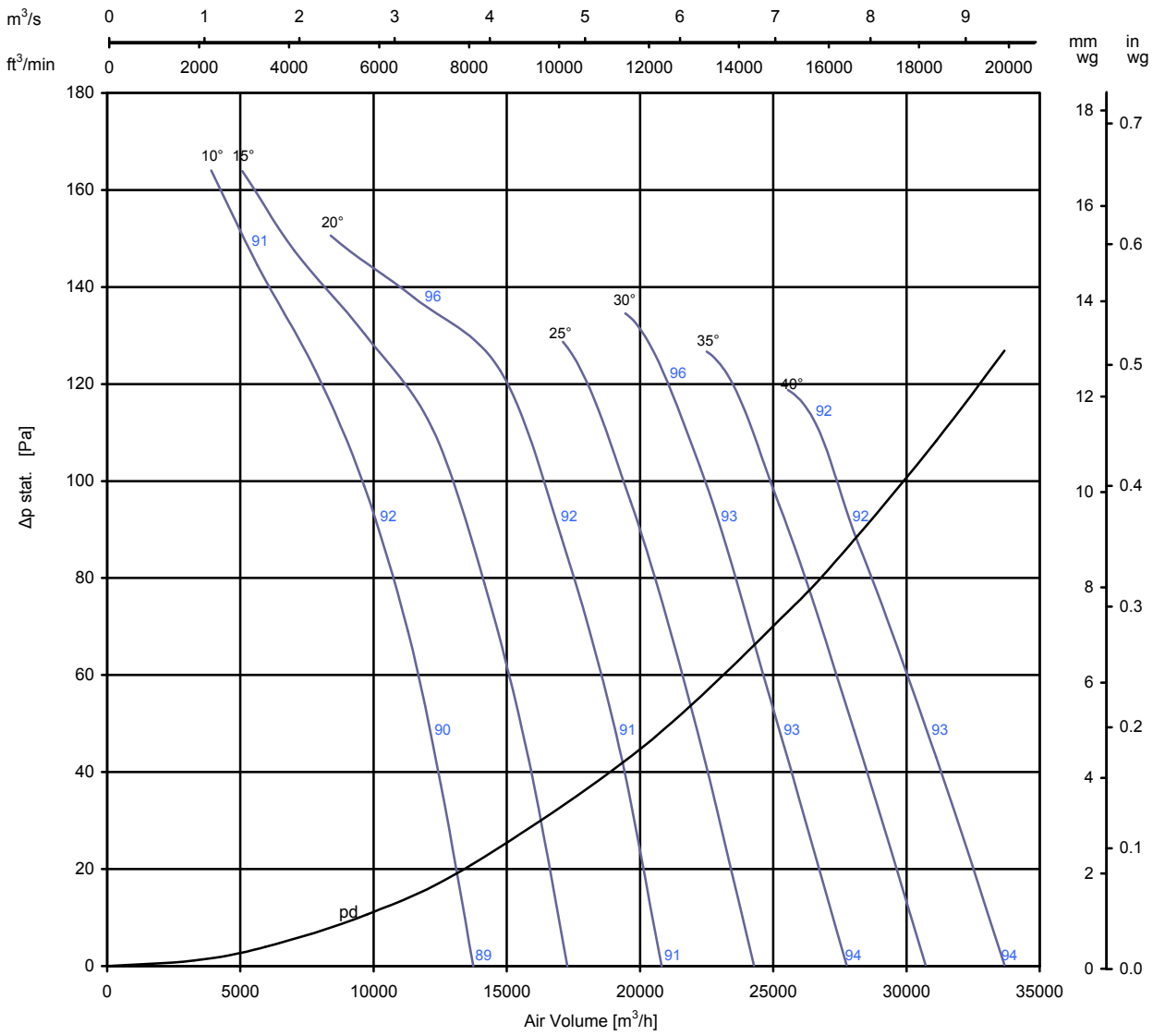
Systemair

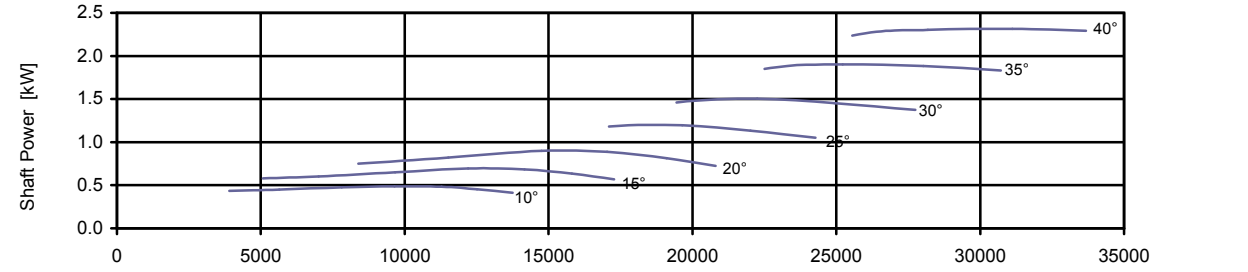
Matthews & Yates Division

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

V

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

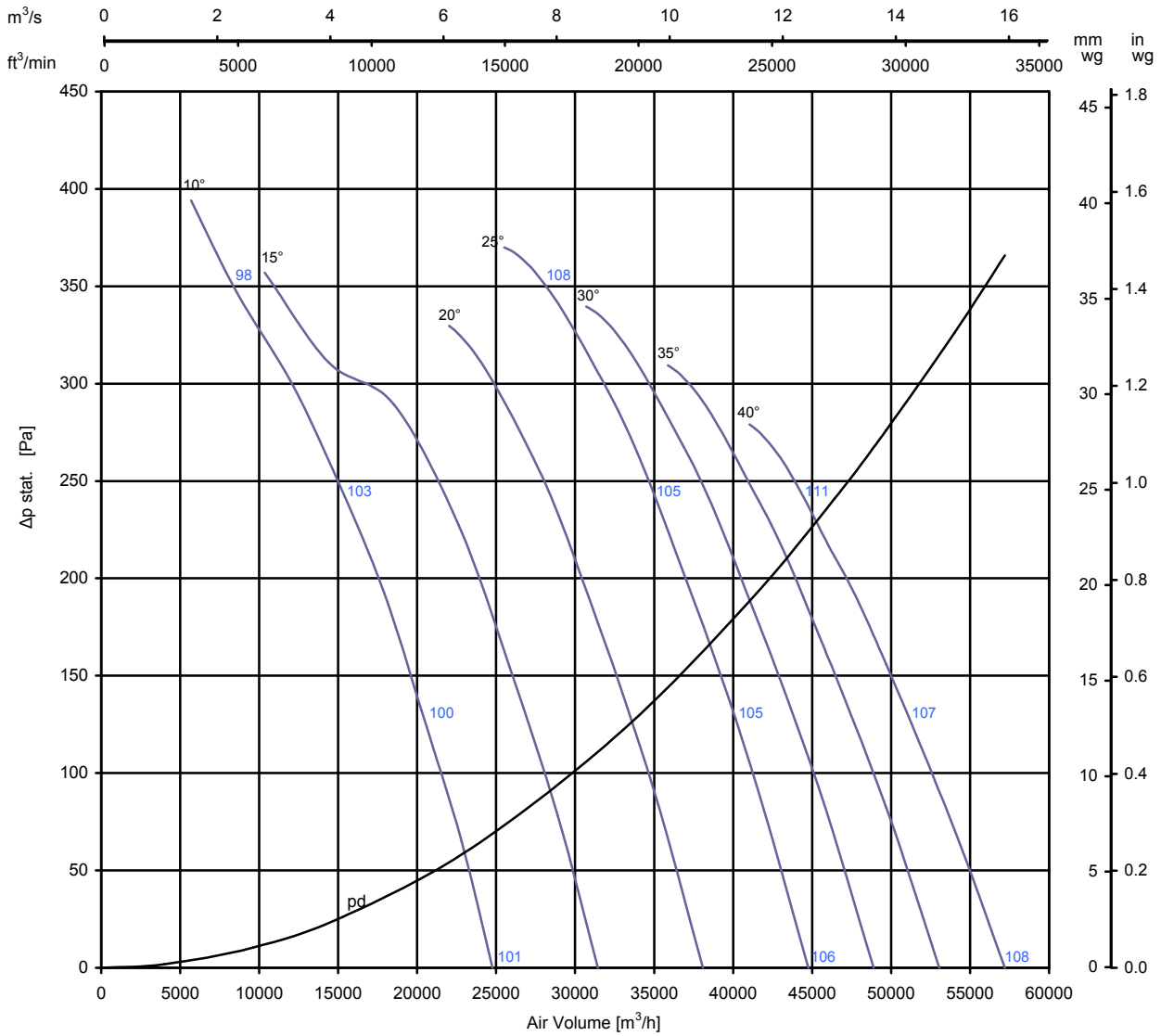
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

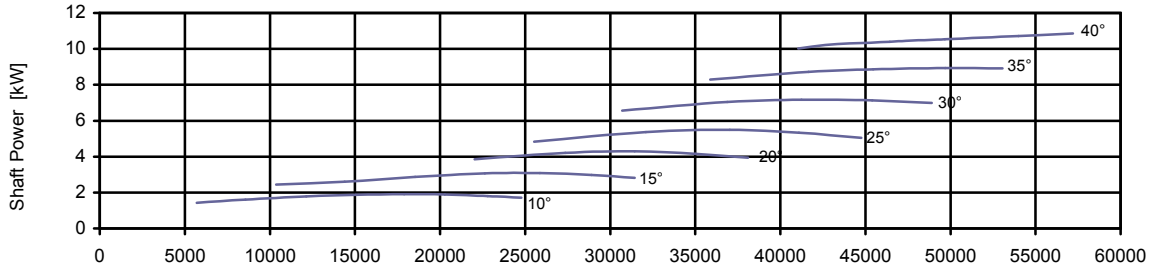
Systemair

Matthews & Yates Division

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/m³, 20°C, 1013hPa

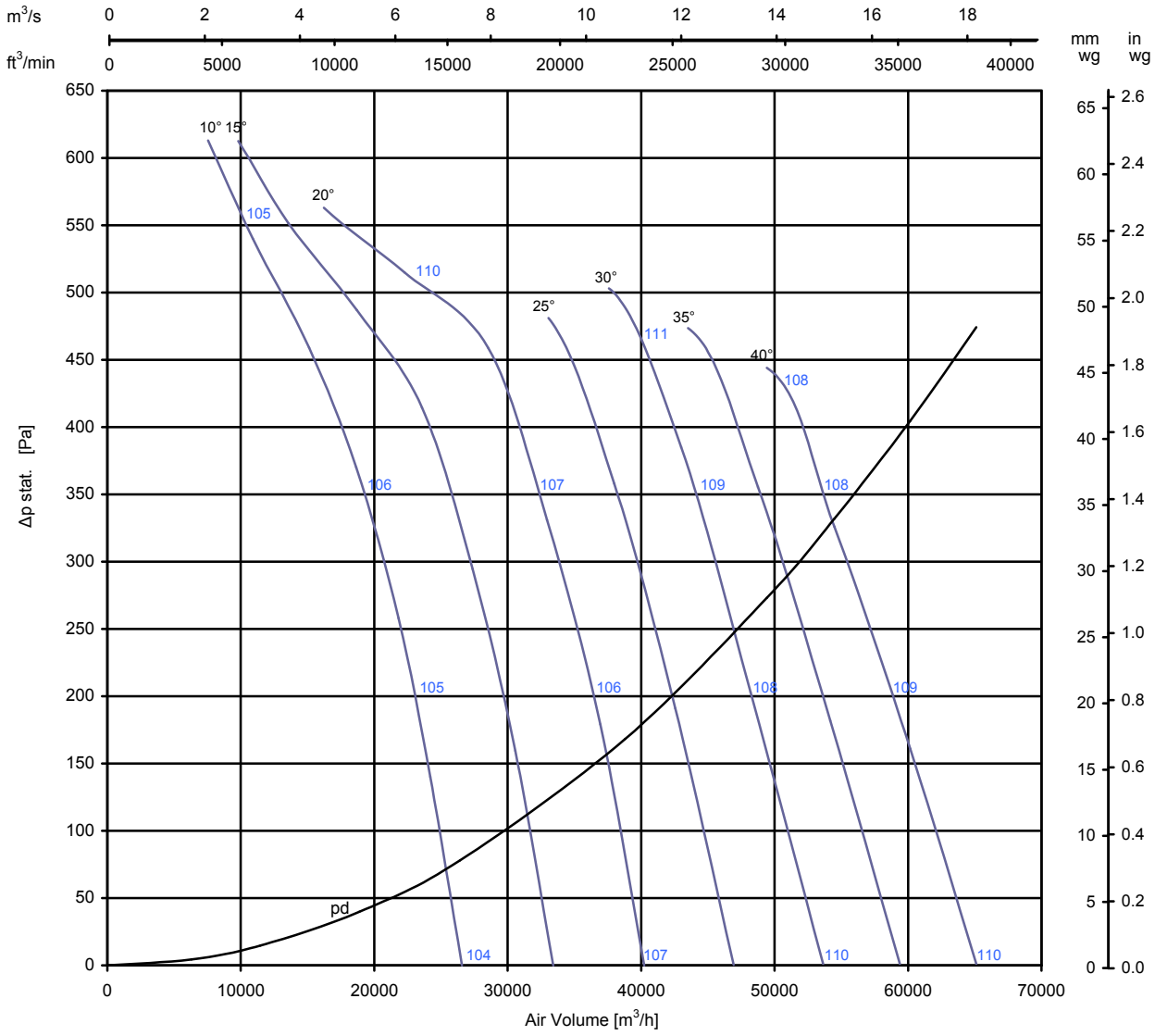
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

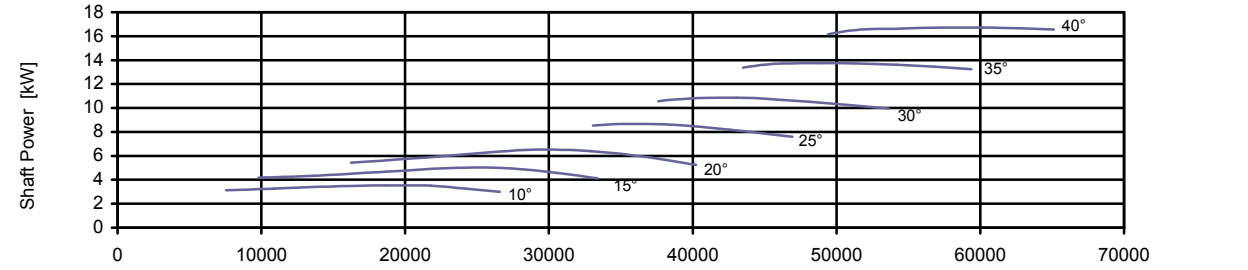
Systemair

Matthews & Yates Division

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/m^3, 20°C, 1013hPa

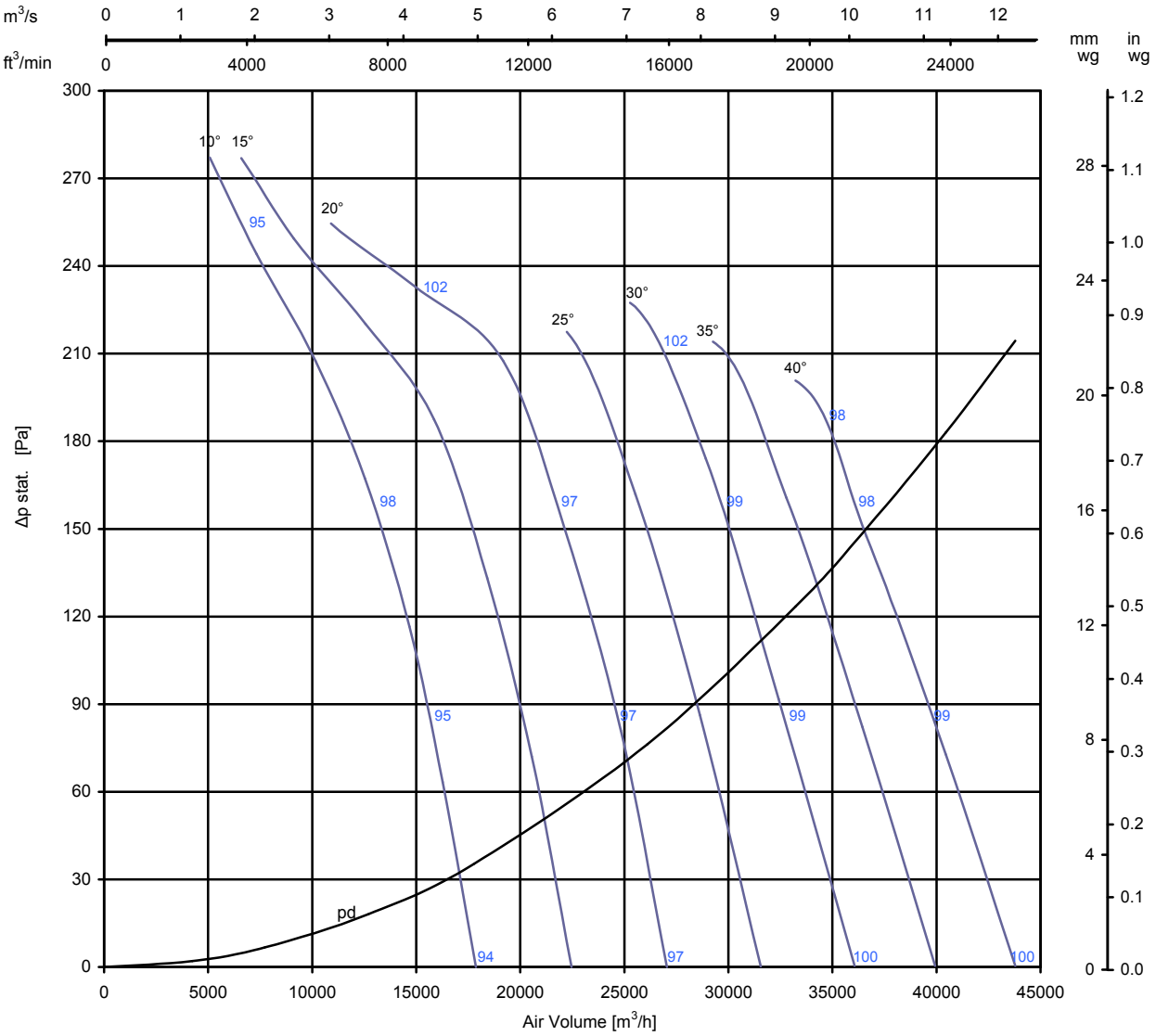
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

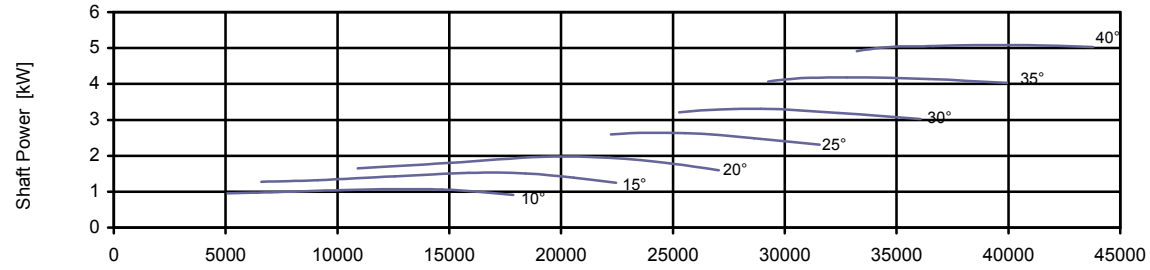
Systemair

Matthews & Yates Division

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

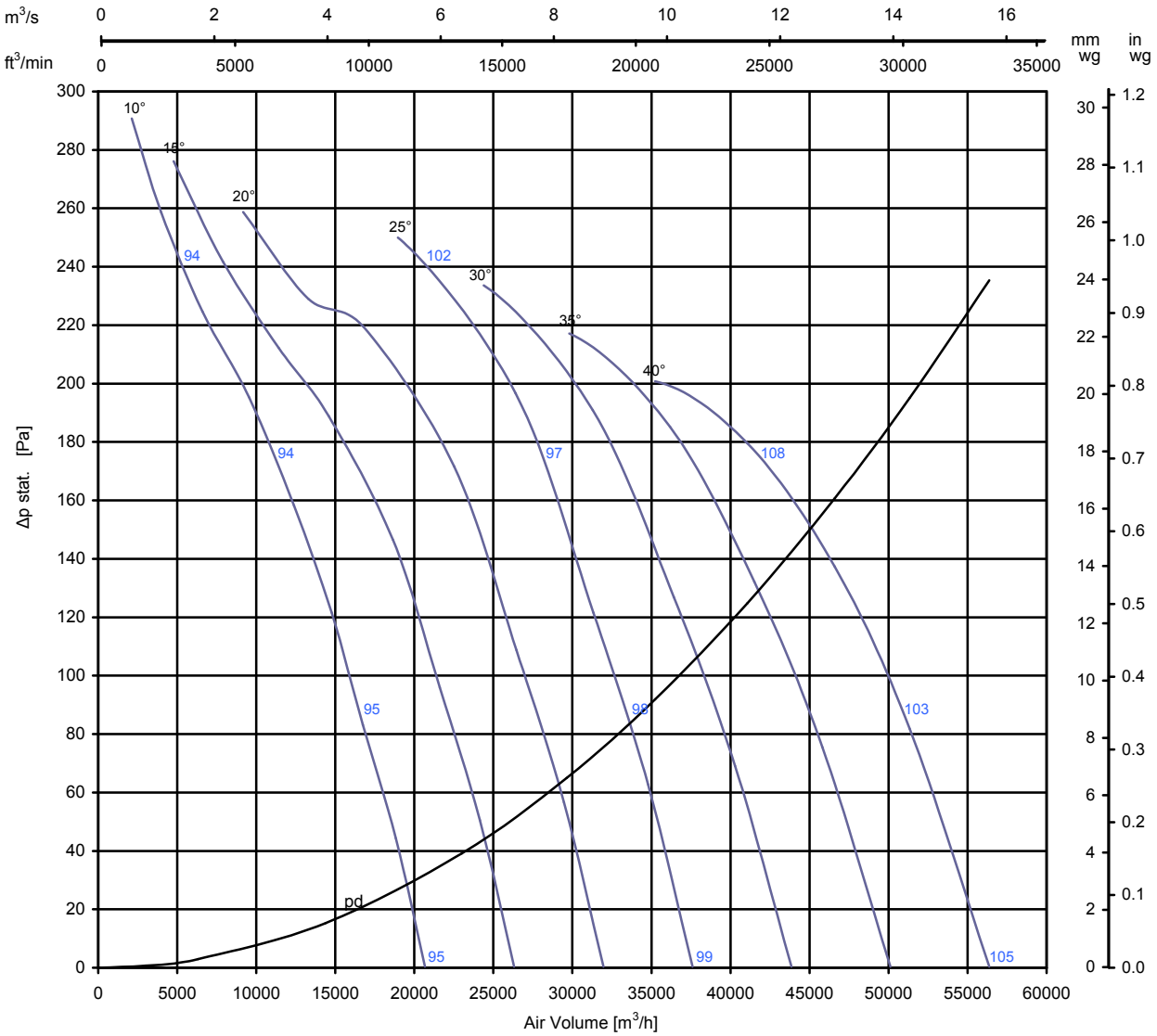
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

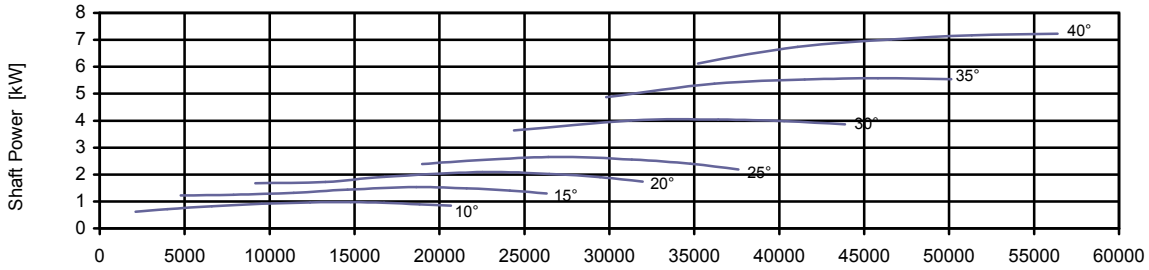
Systemair

Matthews & Yates Division

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.

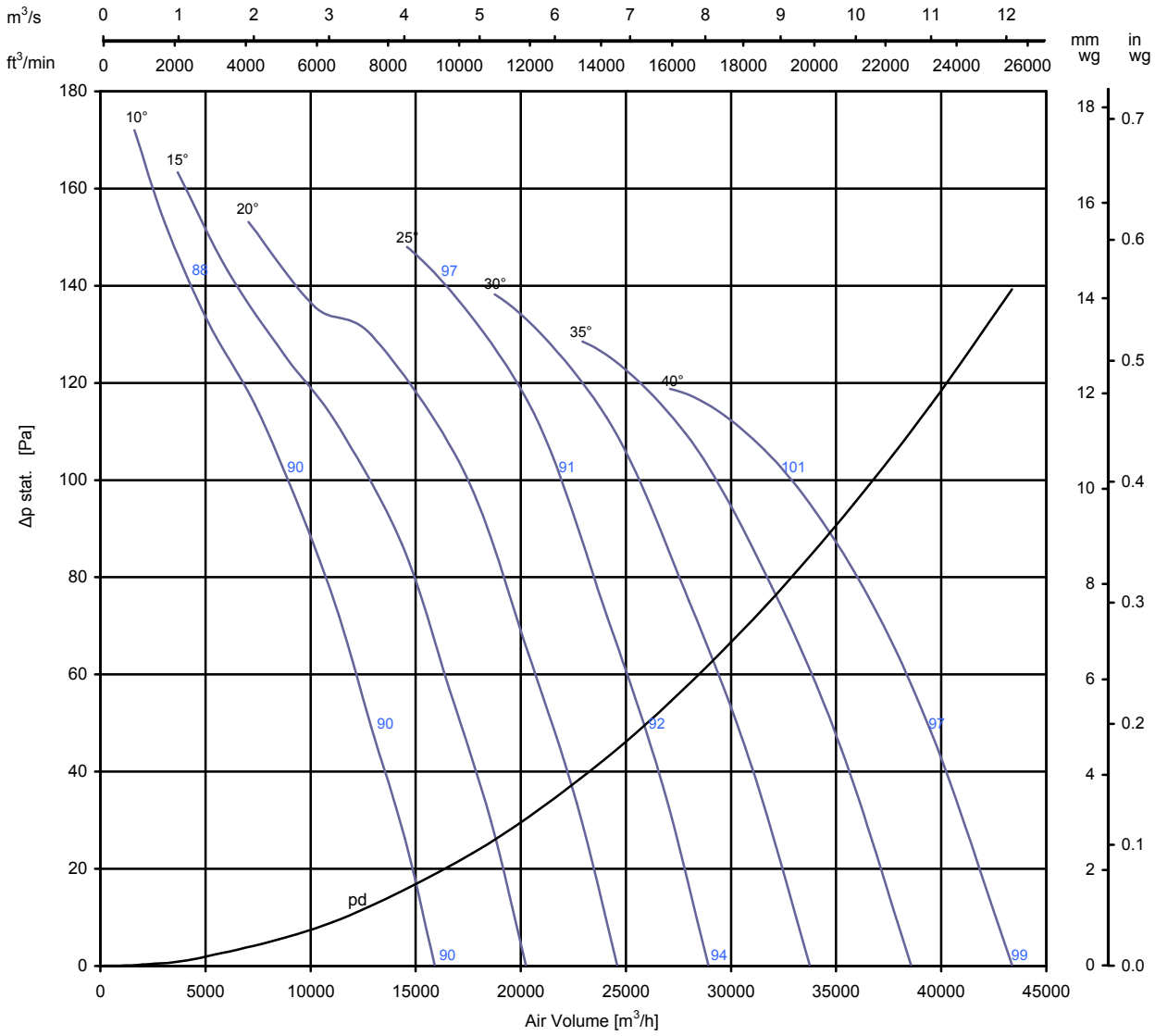
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<130	-9	-7	-7	-4	-7	-13	-17	-20
	<240	-8	-4	-6	-4	-7	-14	-20	-24
25°	<130	-5	-4	-8	-9	-13	-18	-22	-26
	<240	-6	-4	-4	-5	-11	-16	-20	-25
40°	<130	-4	-5	-8	-10	-14	-18	-22	-25
	<180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

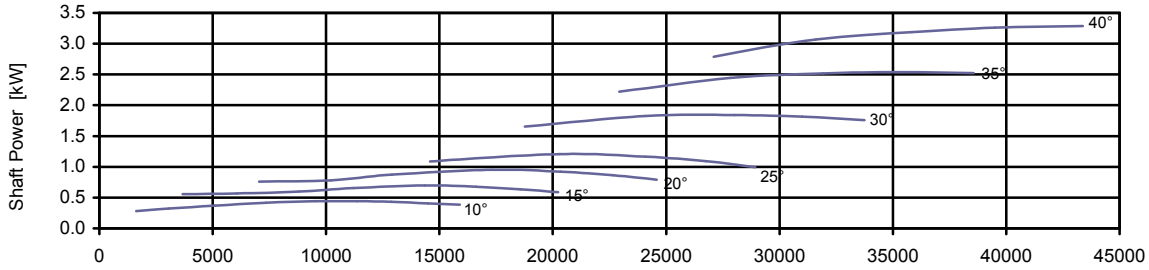
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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.

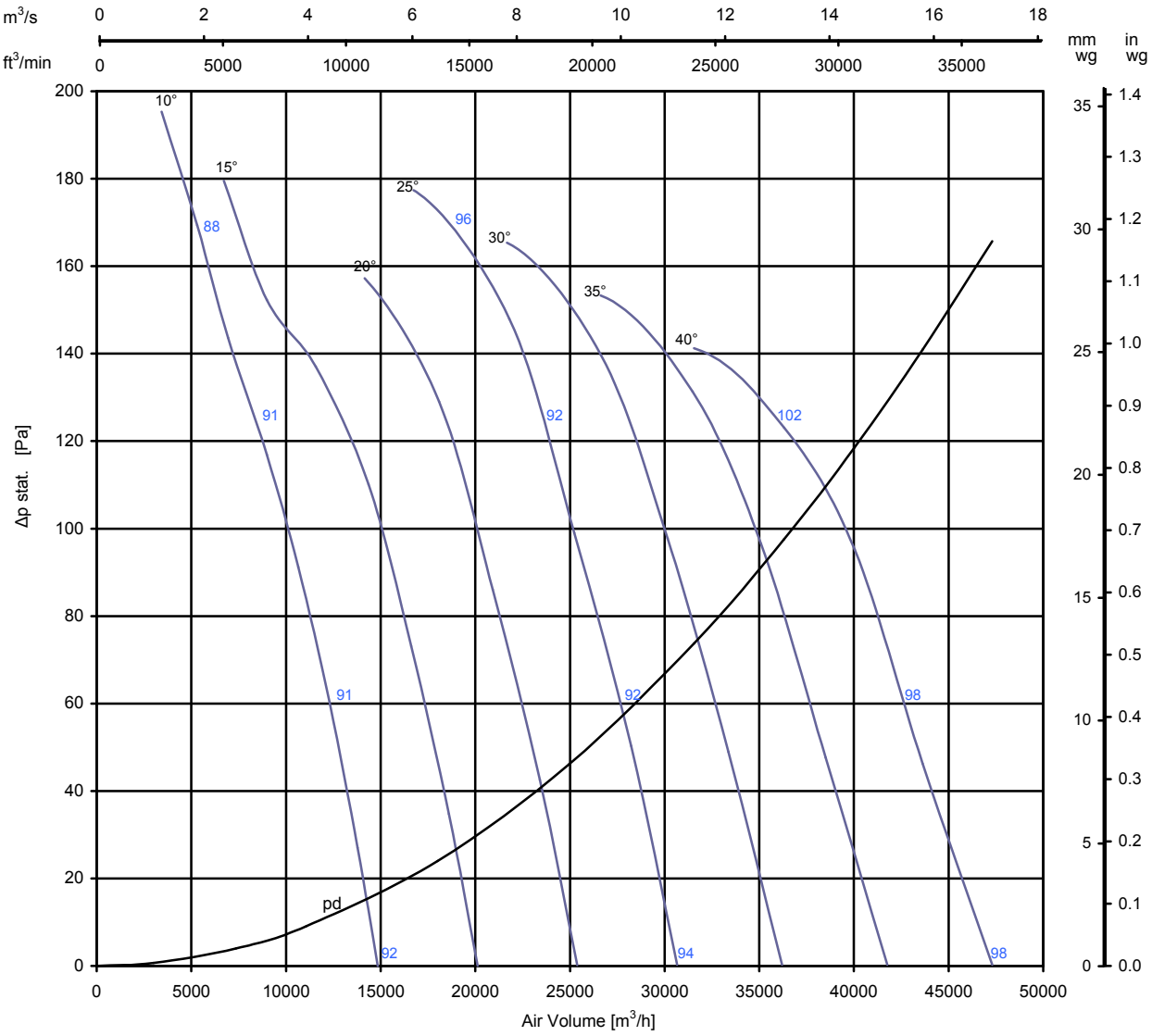
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<80	-8	-8	-6	-3	-9	-15	-18	-21
	<140	-4	-5	-5	-4	-11	-18	-23	-28
25°	<80	-3	-6	-7	-10	-16	-20	-24	-28
	<140	-4	-7	-3	-8	-14	-18	-23	-28
40°	<80	-3	-7	-8	-10	-15	-19	-22	-25
	<110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

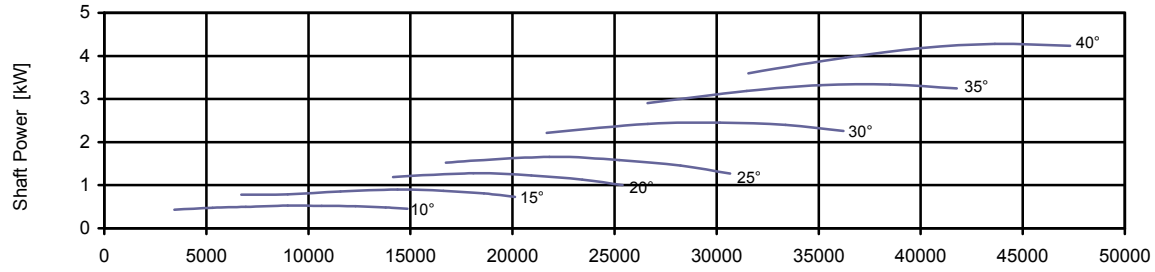
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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) 1000-9-8, 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 specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

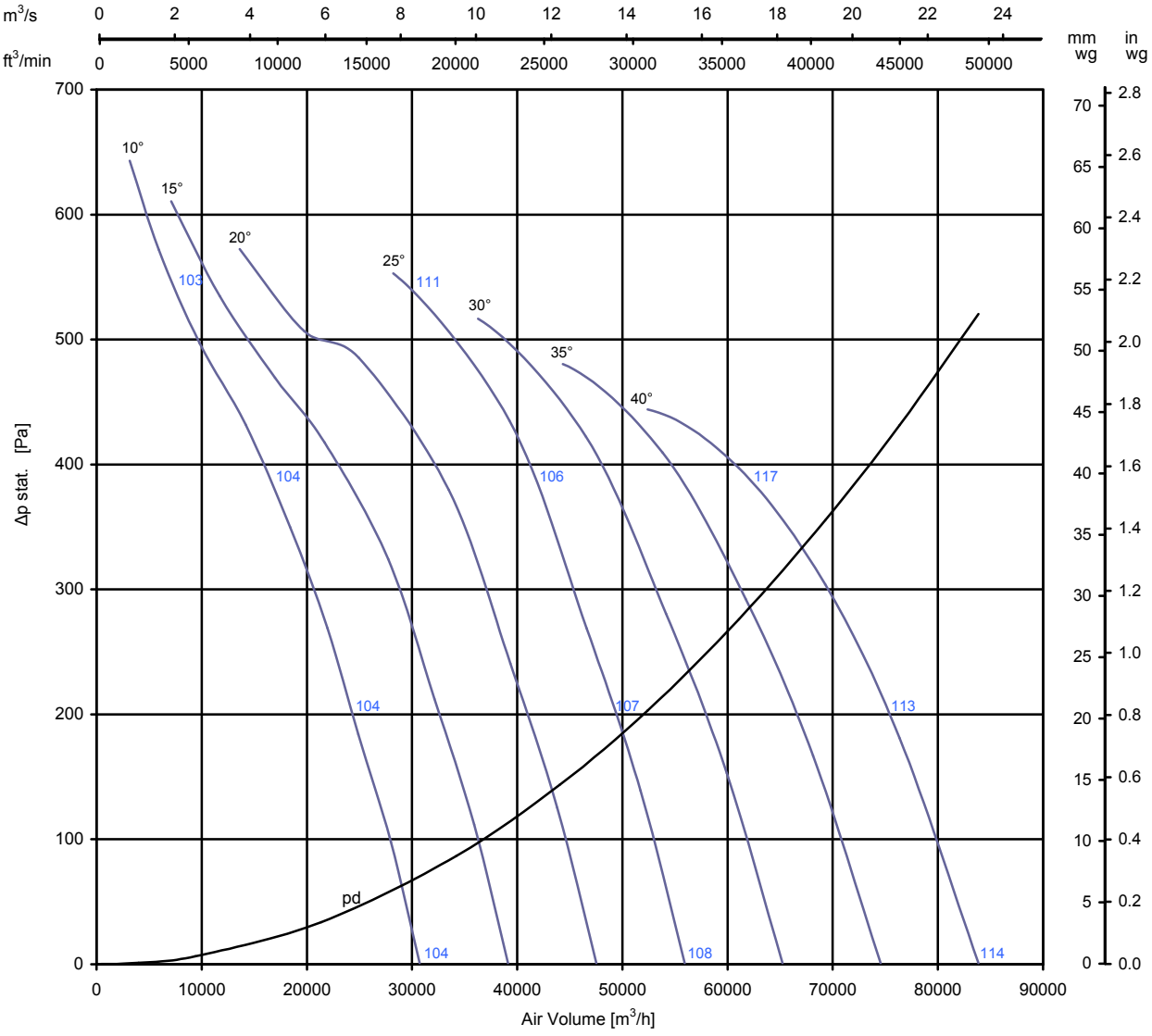
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<80	-12	-8	-6	-3	-9	-14	-19	-24
	<170	-6	-3	-5	-4	-11	-17	-23	-28
25°	<80	-6	-4	-6	-9	-15	-18	-22	-27
	<170	-6	-5	-4	-7	-11	-16	-22	-27
40°	<80	-6	-5	-6	-8	-14	-20	-23	-25
	<120	-2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

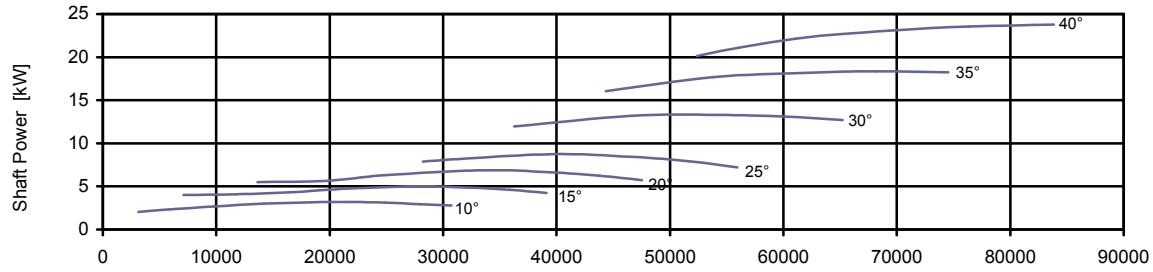
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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) 1000-6-4, 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

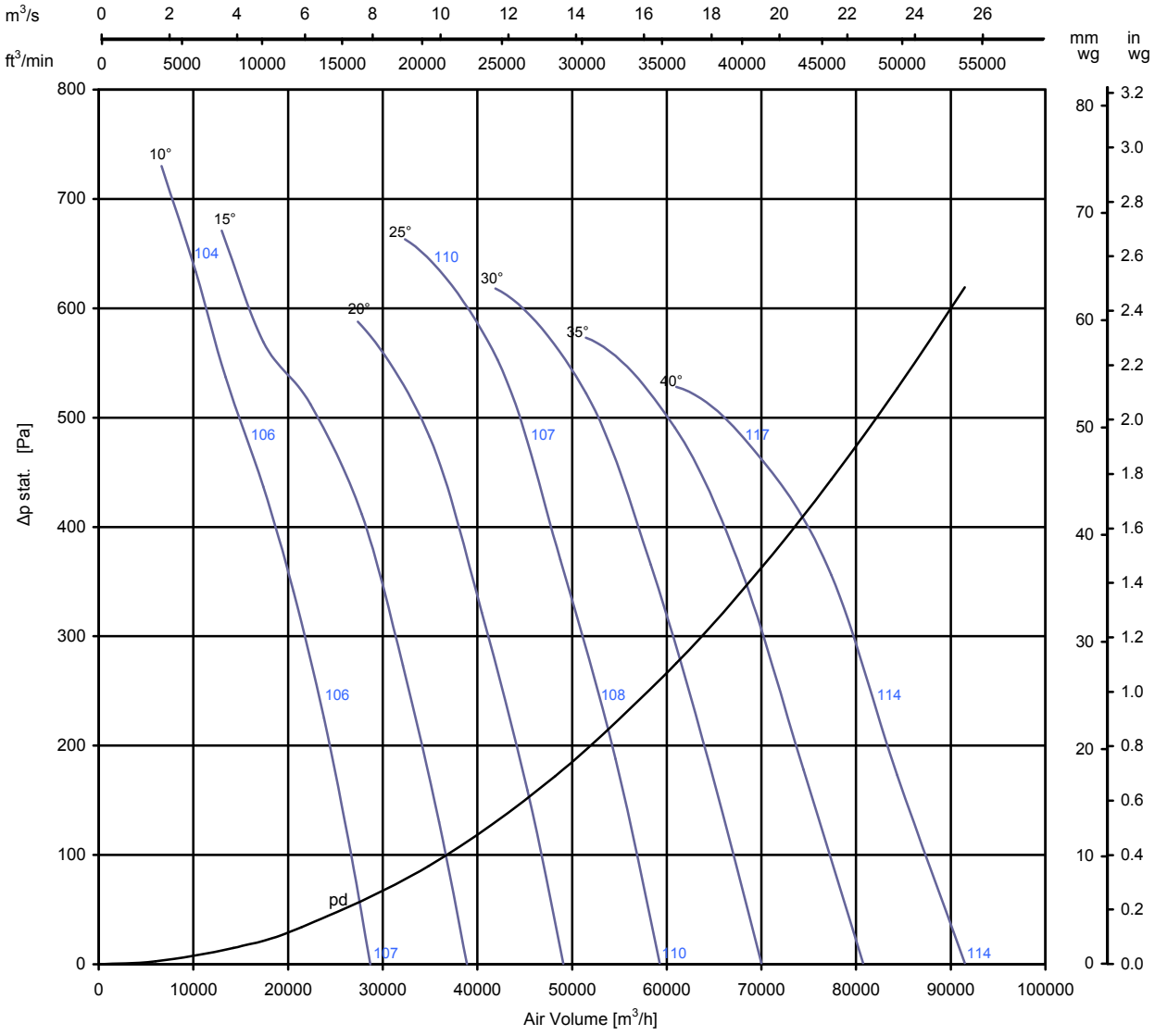
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

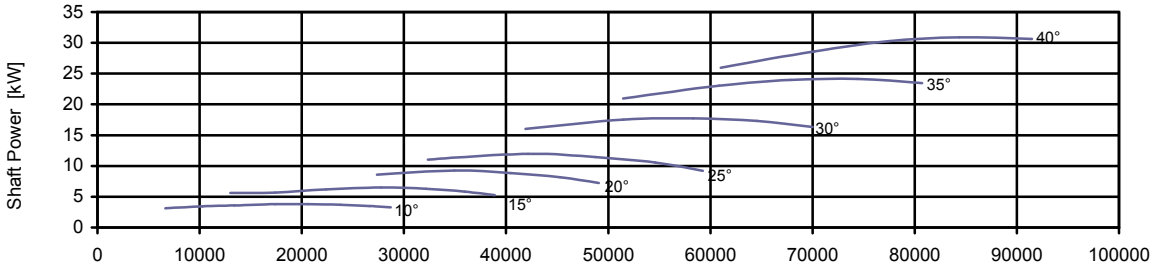
Systemair

Matthews & Yates Division

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

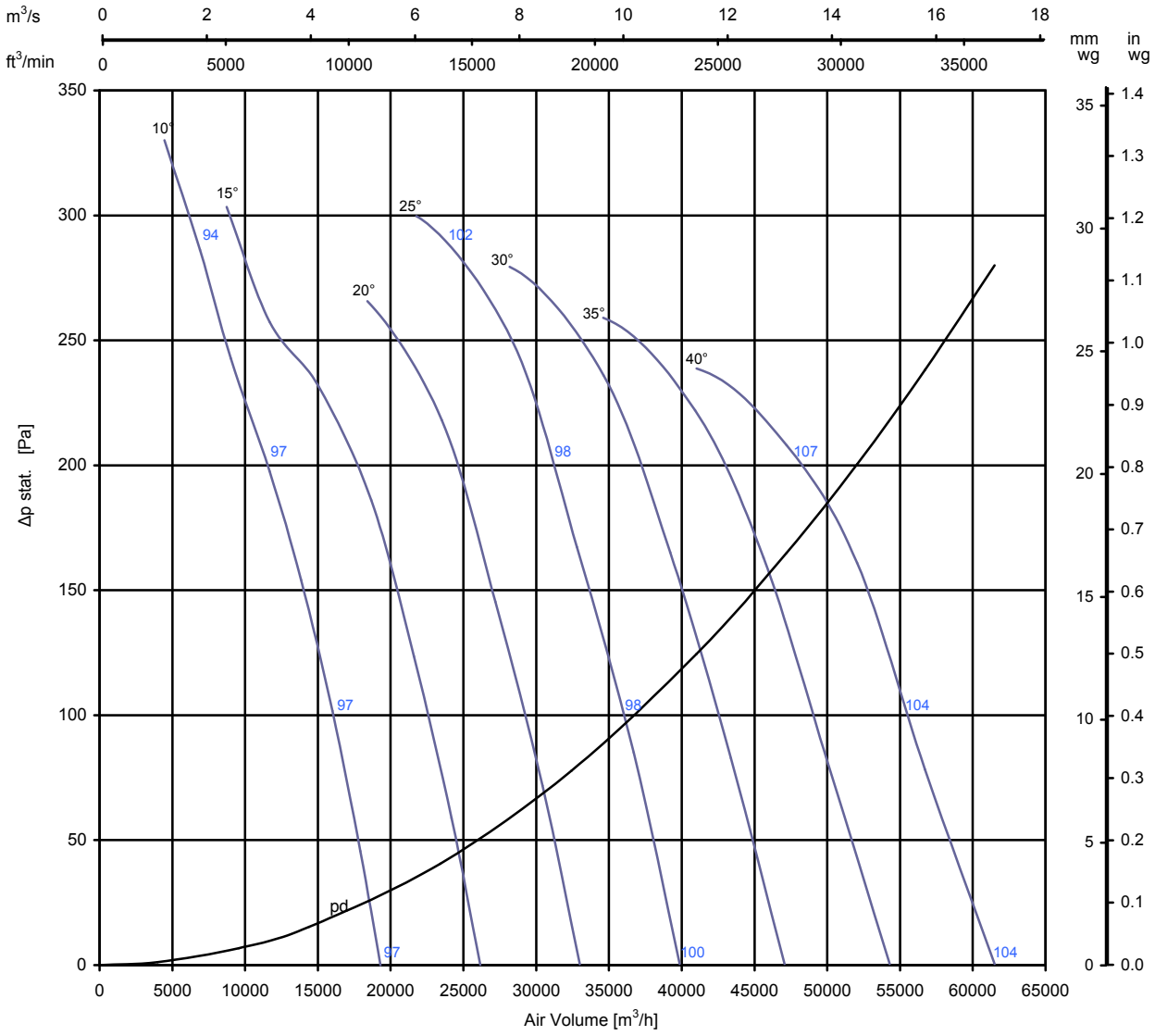
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown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

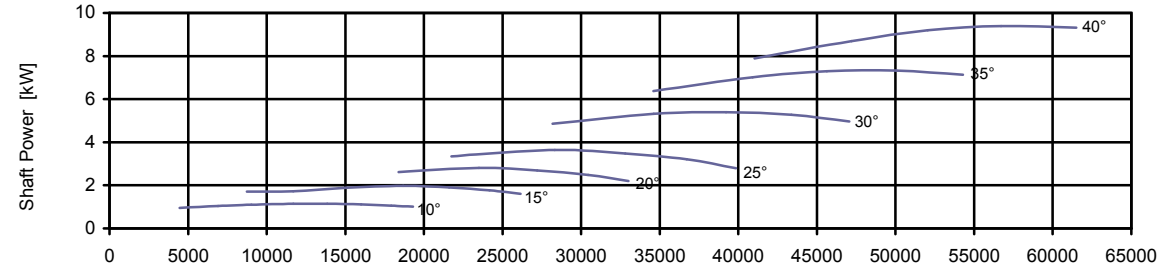
Systemair

Matthews & Yates Division

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

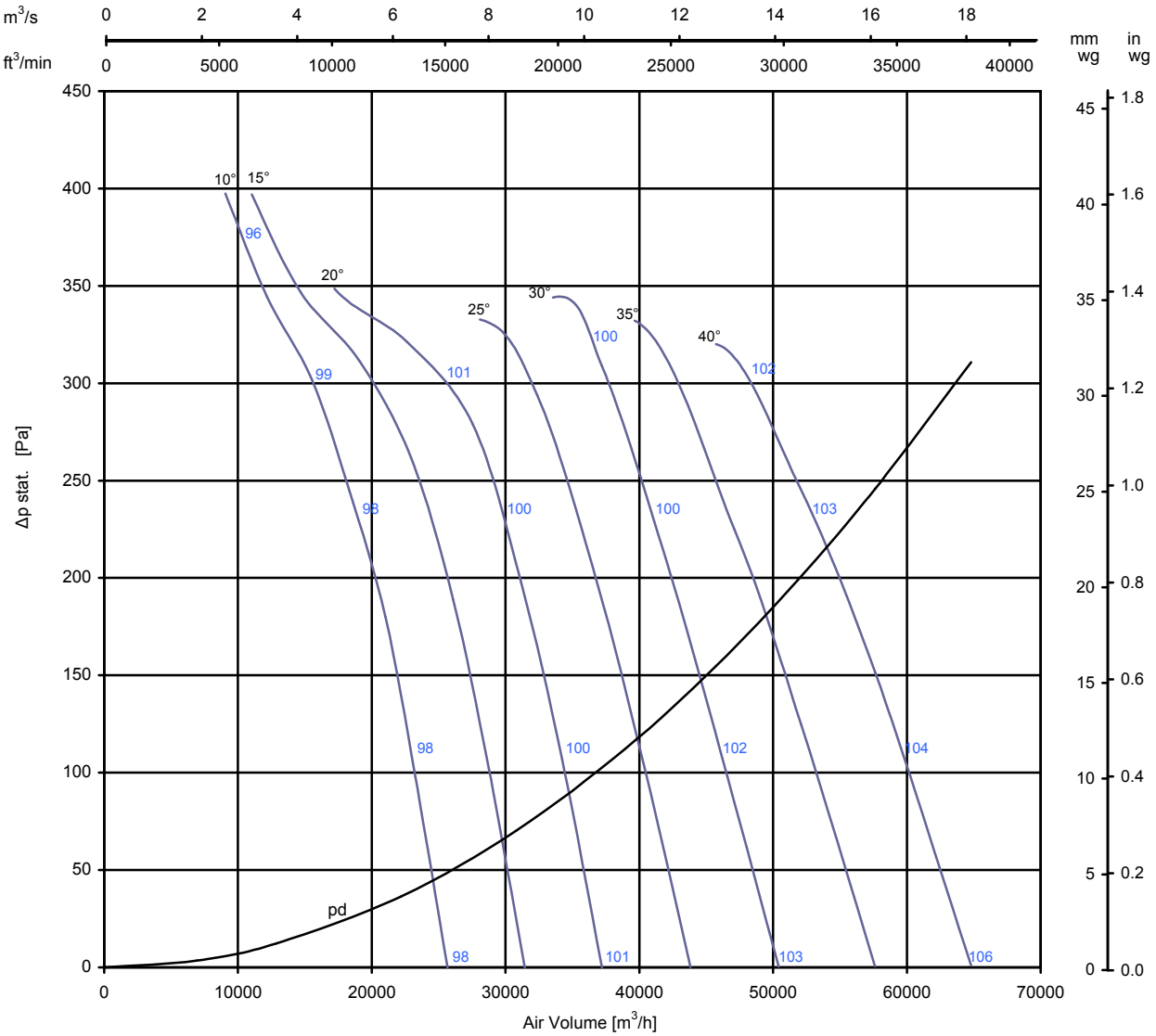
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown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

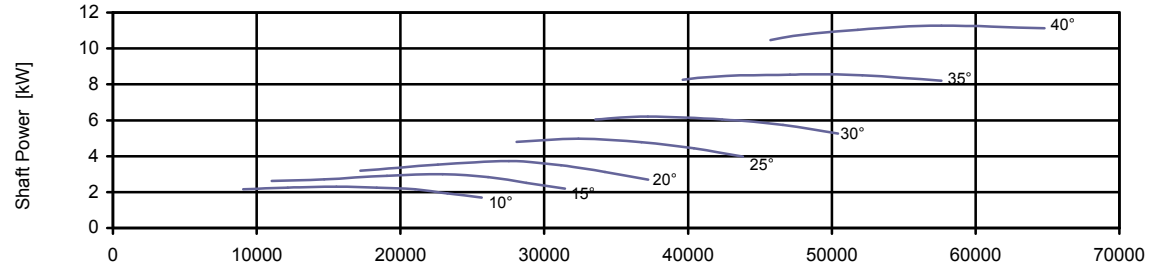
Systemair

Matthews & Yates Division

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 specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

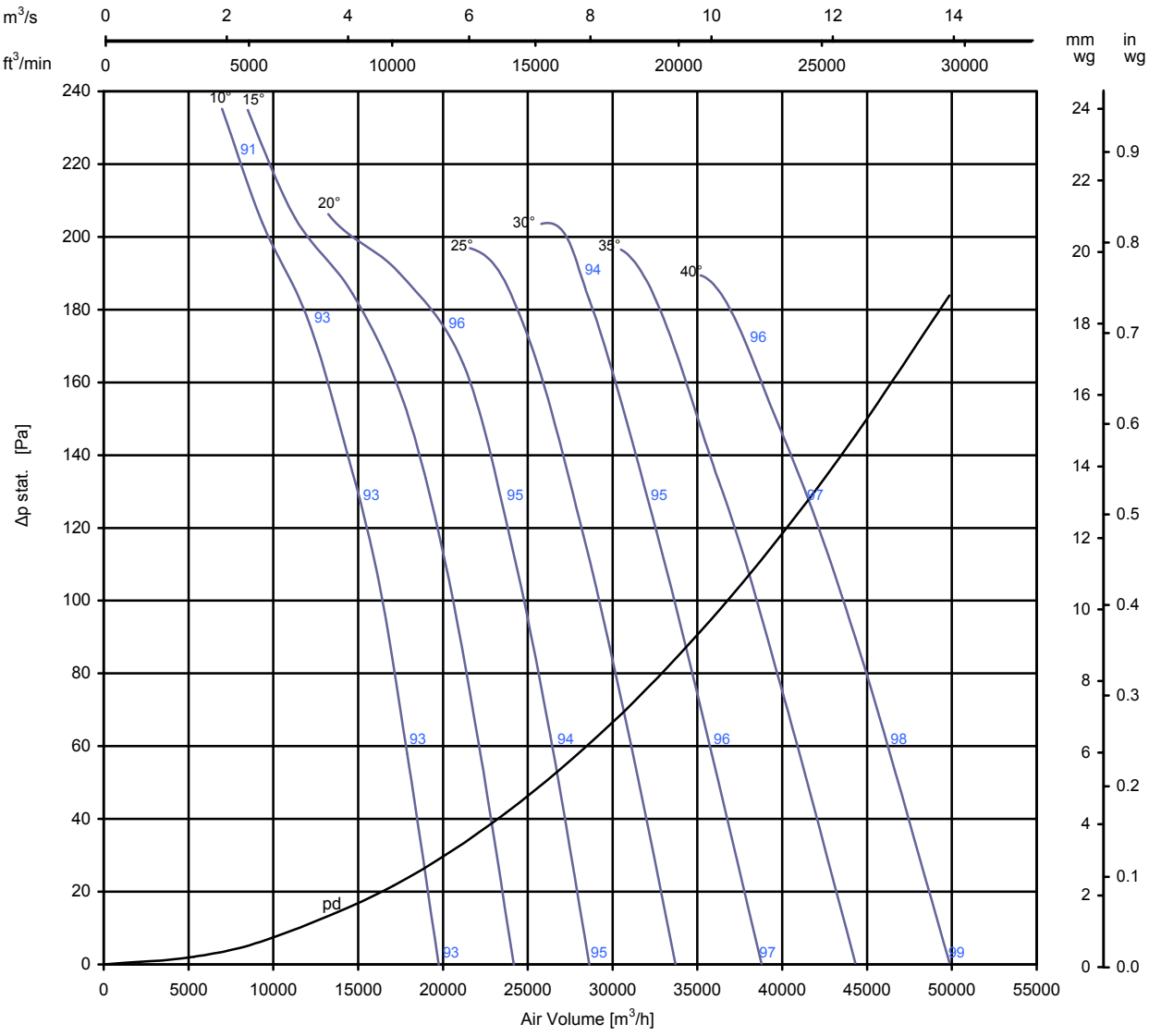
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<200	-11	-8	-4	-5	-7	-13	-18	-23
	<400	-9	-6	-4	-5	-8	-14	-21	-26
20°	<200	-8	-6	-4	-7	-11	-16	-22	-26
	<300	-9	-7	-4	-5	-10	-16	-22	-28
30°	<200	-7	-6	-4	-8	-13	-19	-24	-28
	<330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

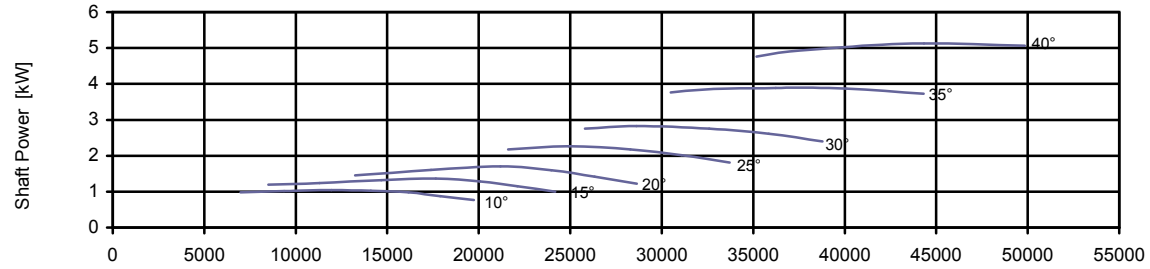
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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

V
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.

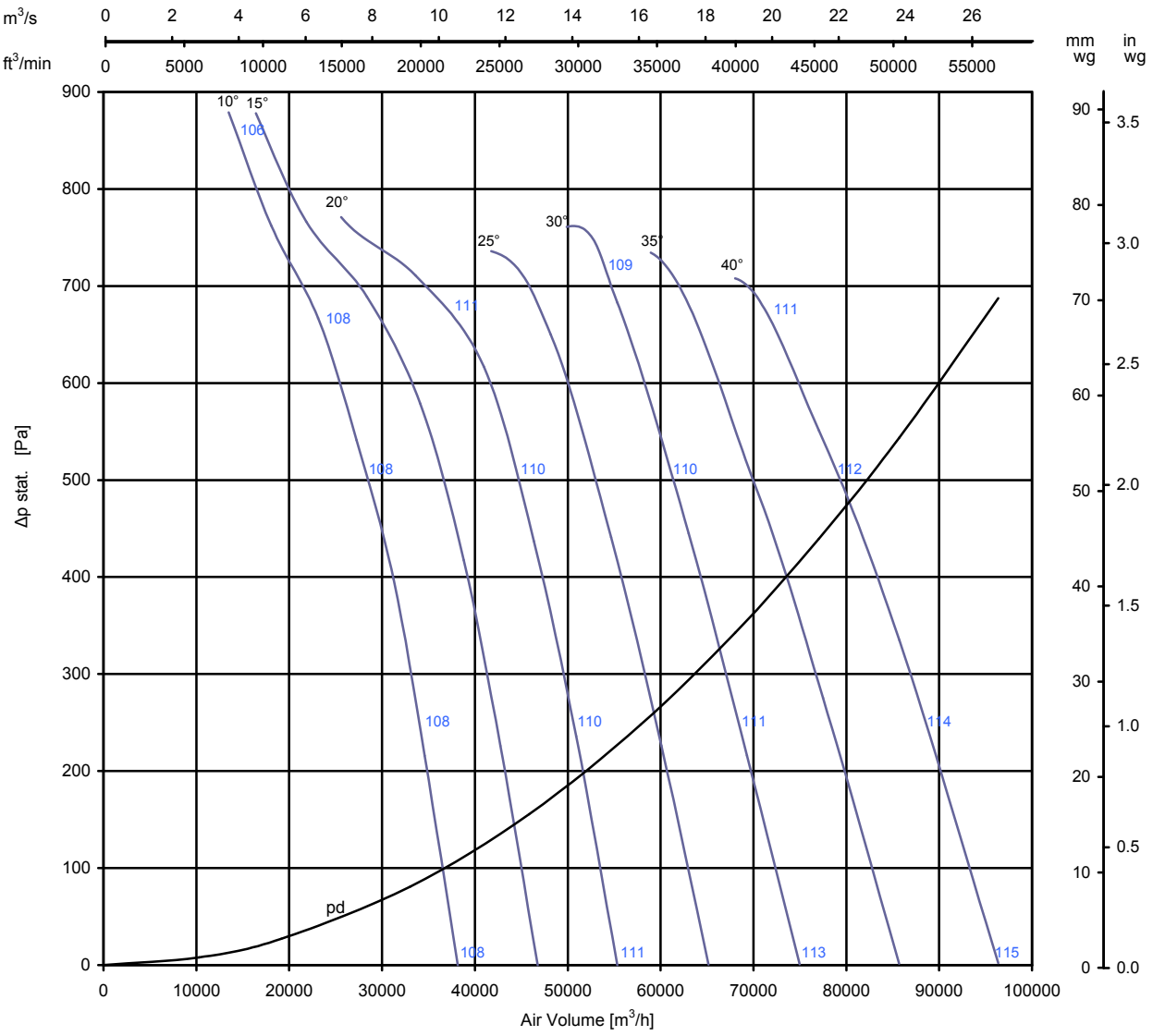
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<120	-14	-4	-5	-5	-9	-15	-20	-25
	<230	-12	-2	-4	-6	-10	-17	-24	-28
20°	<120	-10	-3	-5	-8	-13	-18	-23	-27
	<180	-12	-4	-3	-7	-13	-18	-24	-30
30°	<120	-10	-3	-6	-9	-15	-21	-25	-29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

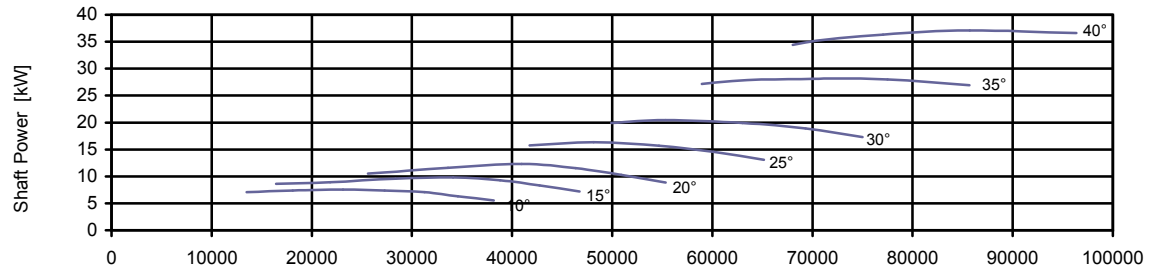
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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.

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

V
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.

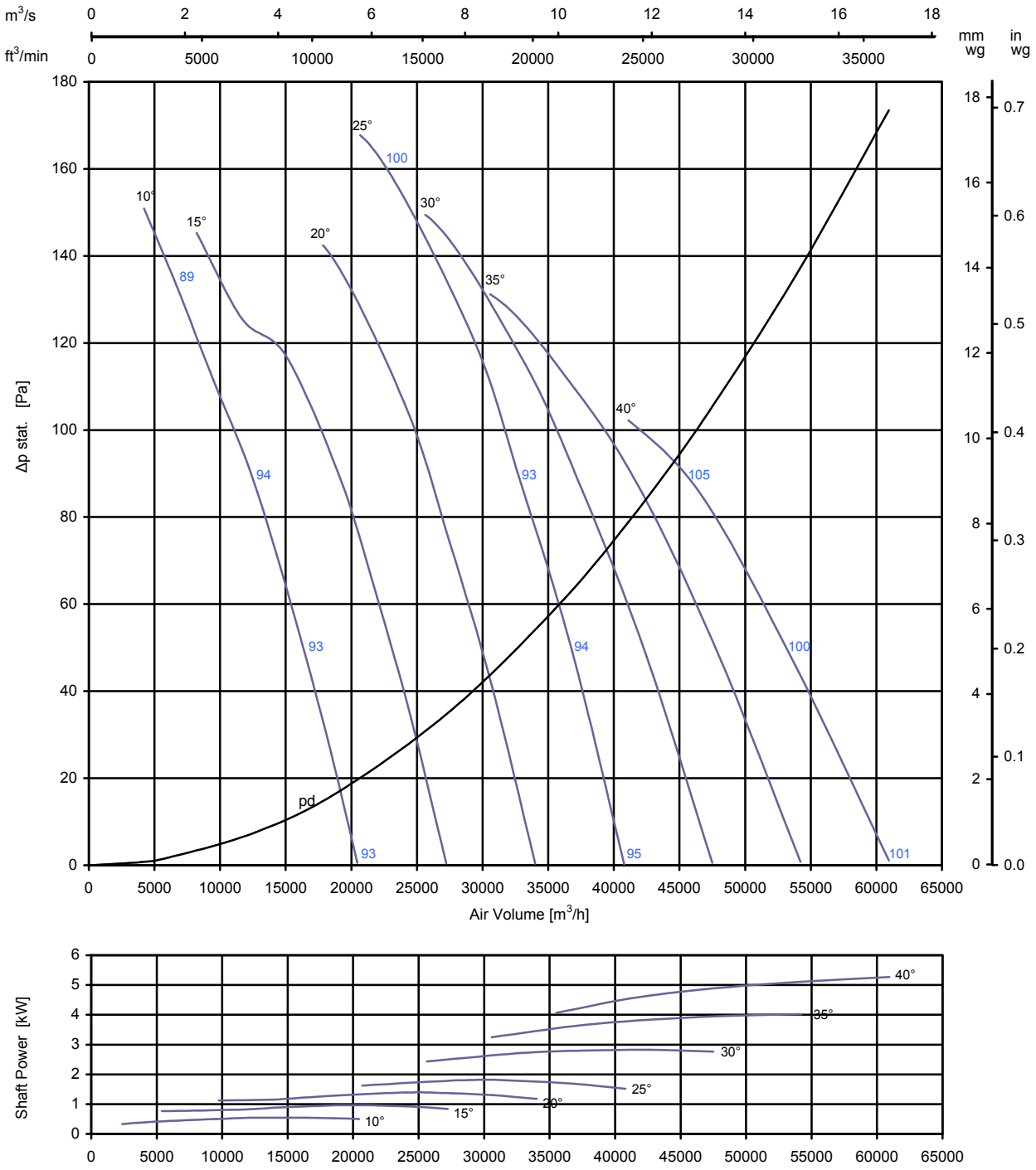
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-7	-15	-5	-7	-6	-10	-16	-21
	<850	-6	-13	-3	-4	-7	-11	-18	-25
20°	<400	-5	-12	-5	-8	-9	-15	-19	-25
	<600	-6	-13	-5	-3	-7	-13	-19	-25
30°	<400	-4	-12	-5	-8	-11	-17	-23	-27
	<720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

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 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	-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

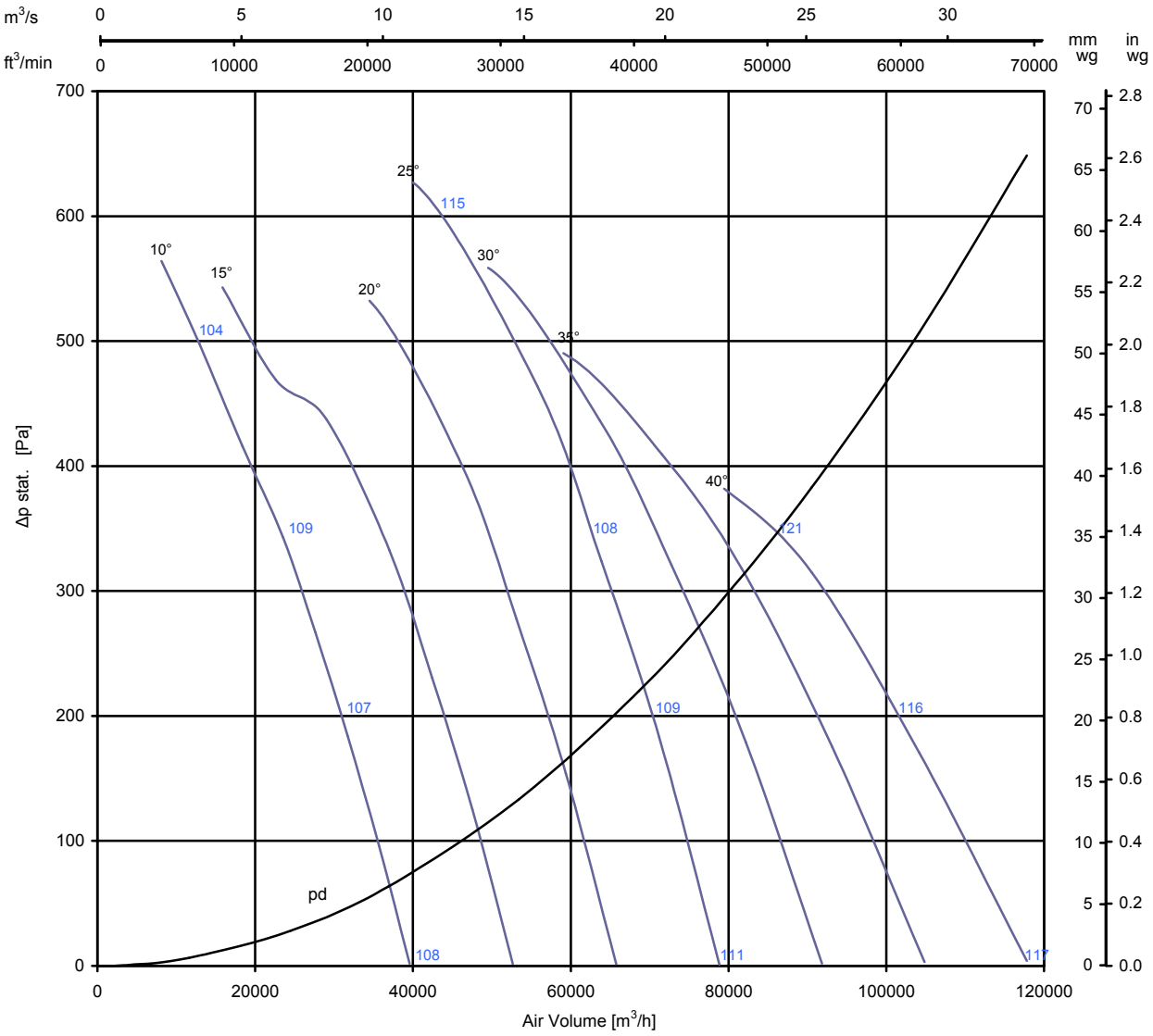
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown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

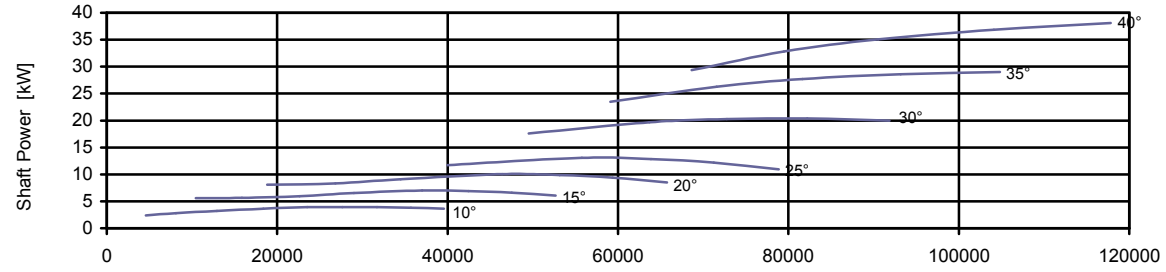
Systemair

Matthews & Yates Division

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 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°	<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

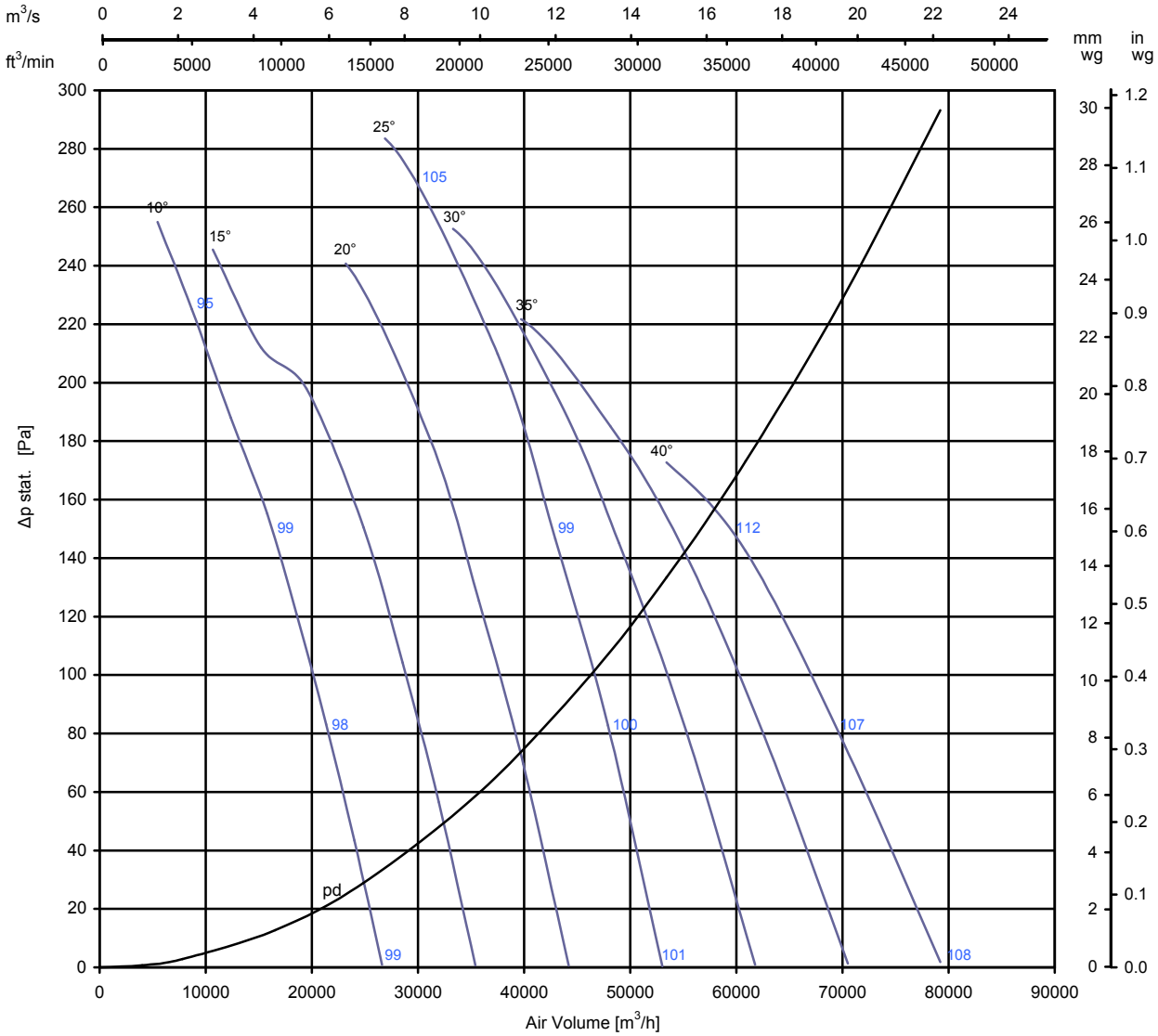
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

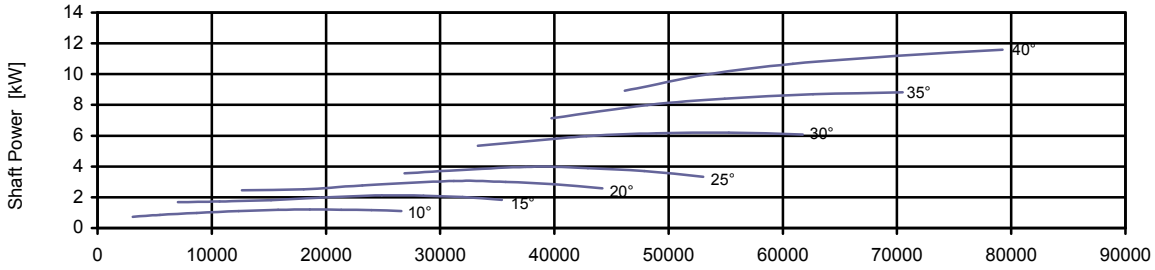
Systemair

Matthews & Yates Division

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/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.

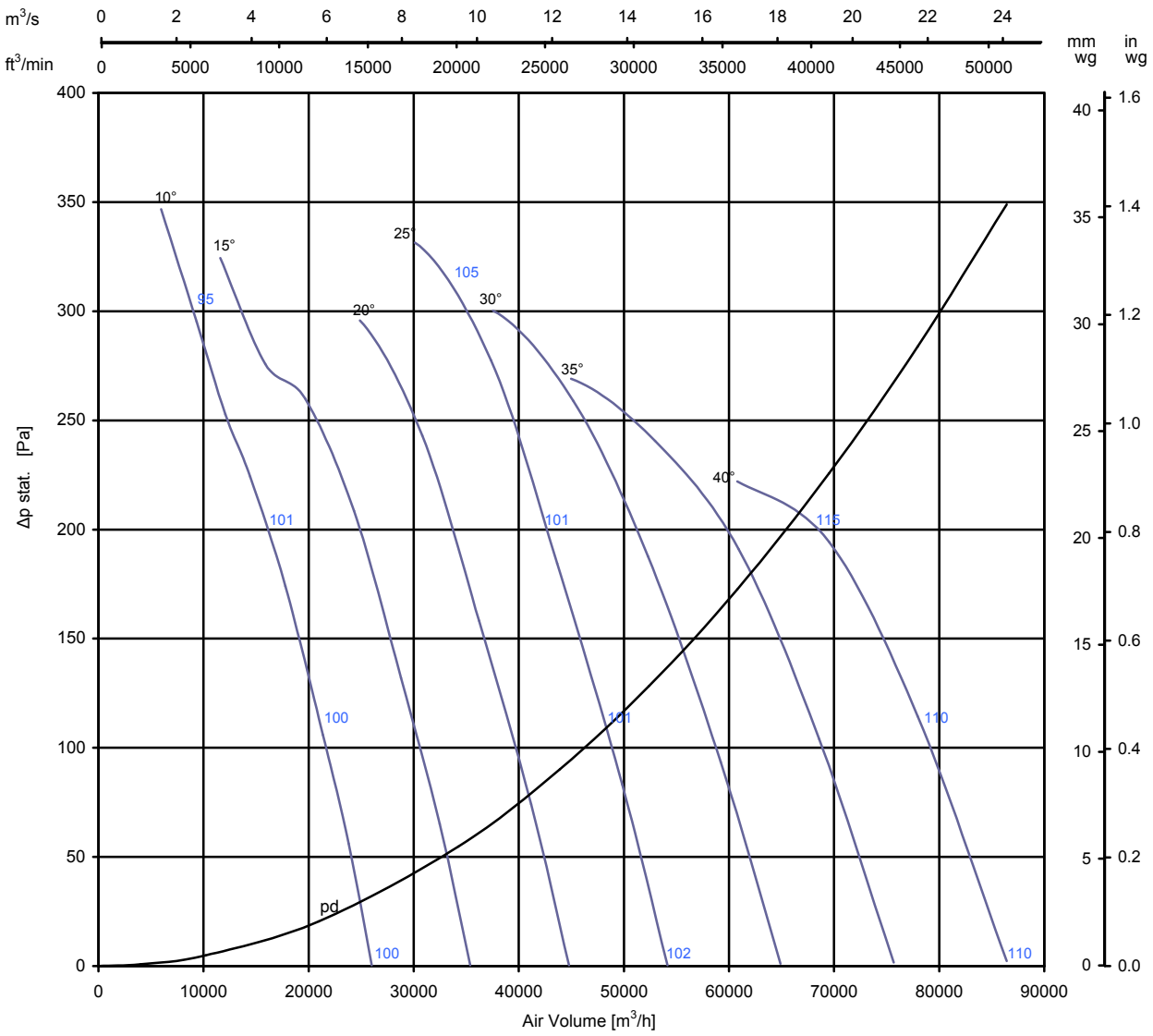
Systemair

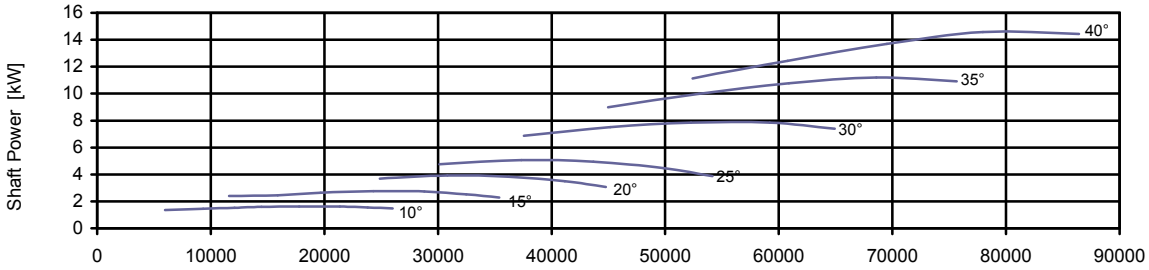
Matthews & Yates Division

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

V

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.

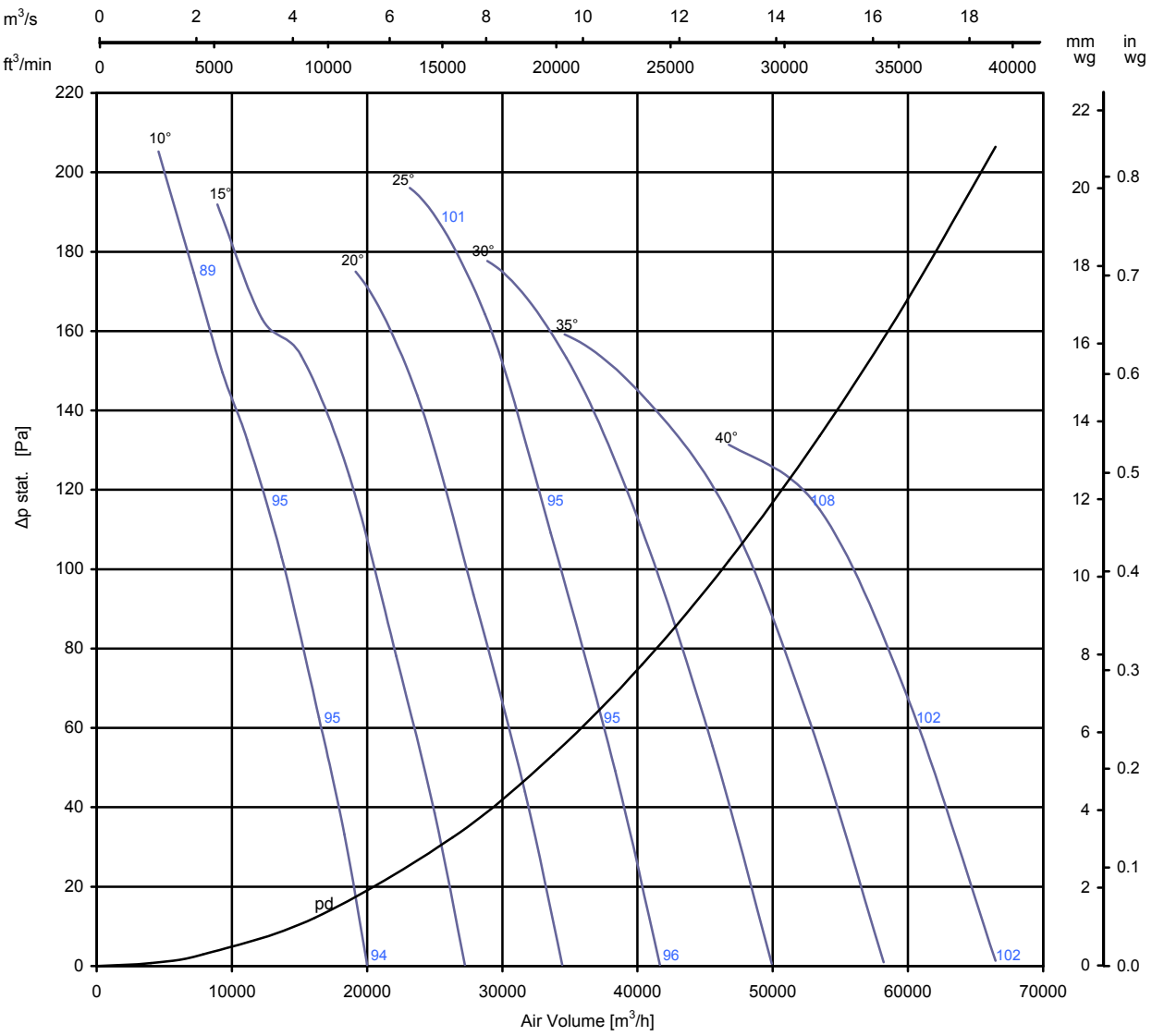
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<180	-14	-7	-6	-4	-7	-10	-14	-18
	<300	-9	-5	-5	-6	-10	-14	-17	-20
25°	<180	-8	-5	-6	-7	-9	-12	16	-17
	<300	-9	-8	-3	-4	-8	-13	-17	-21
40°	<130	-2	-2	-9	-11	-14	-20	-25	-28
	<220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

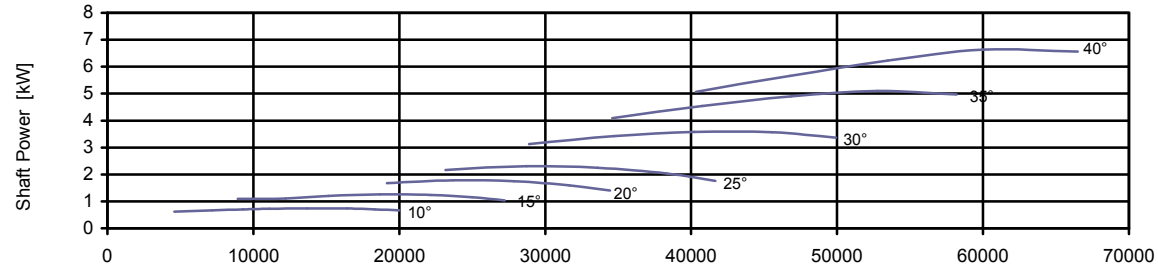
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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

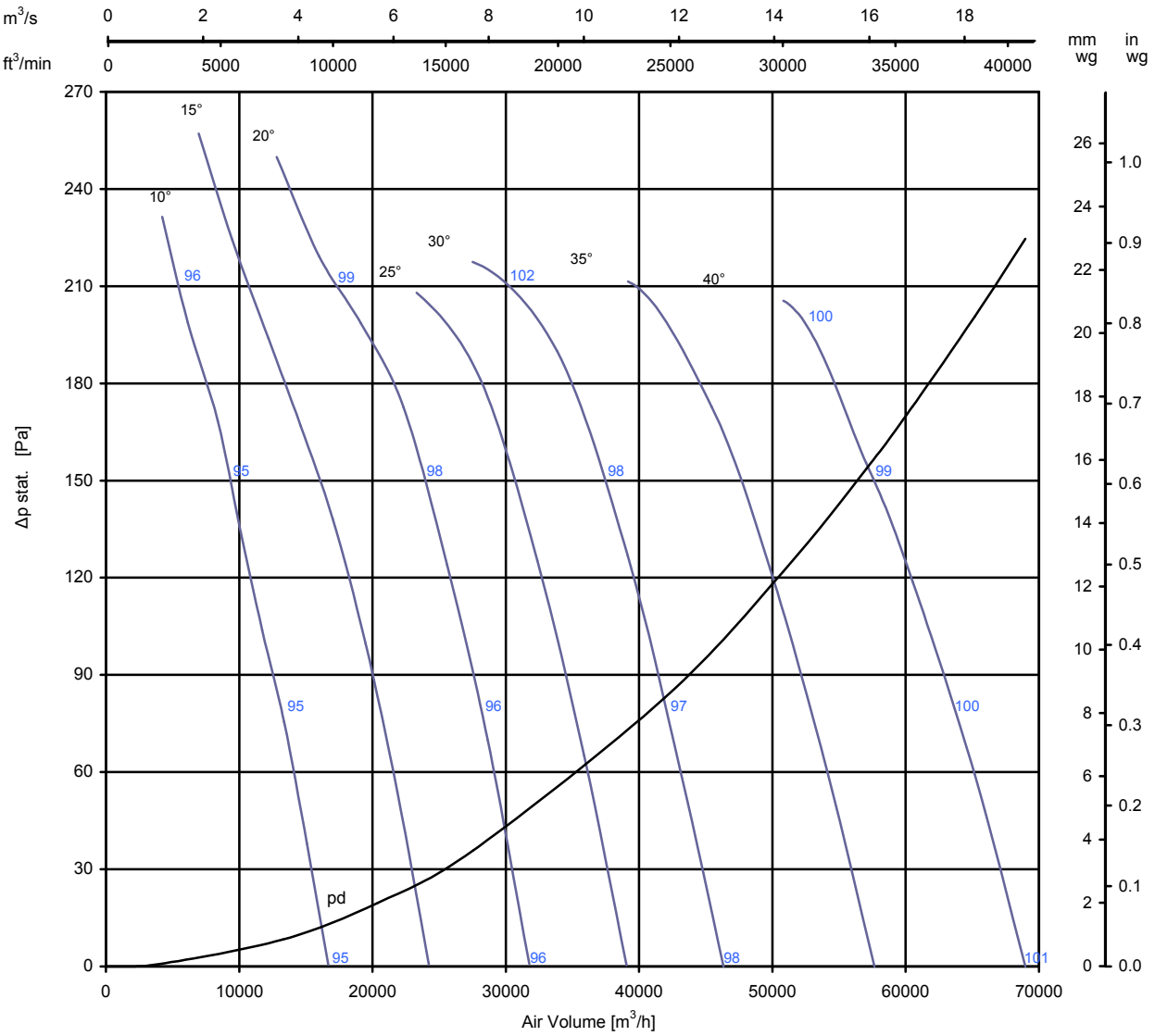
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

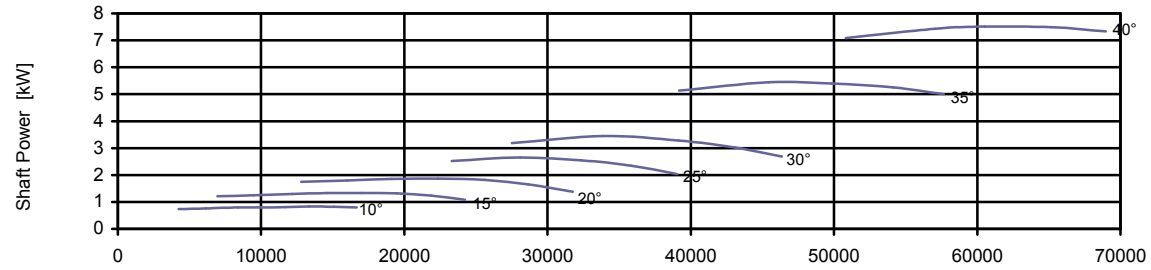
Systemair

Matthews & Yates Division

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

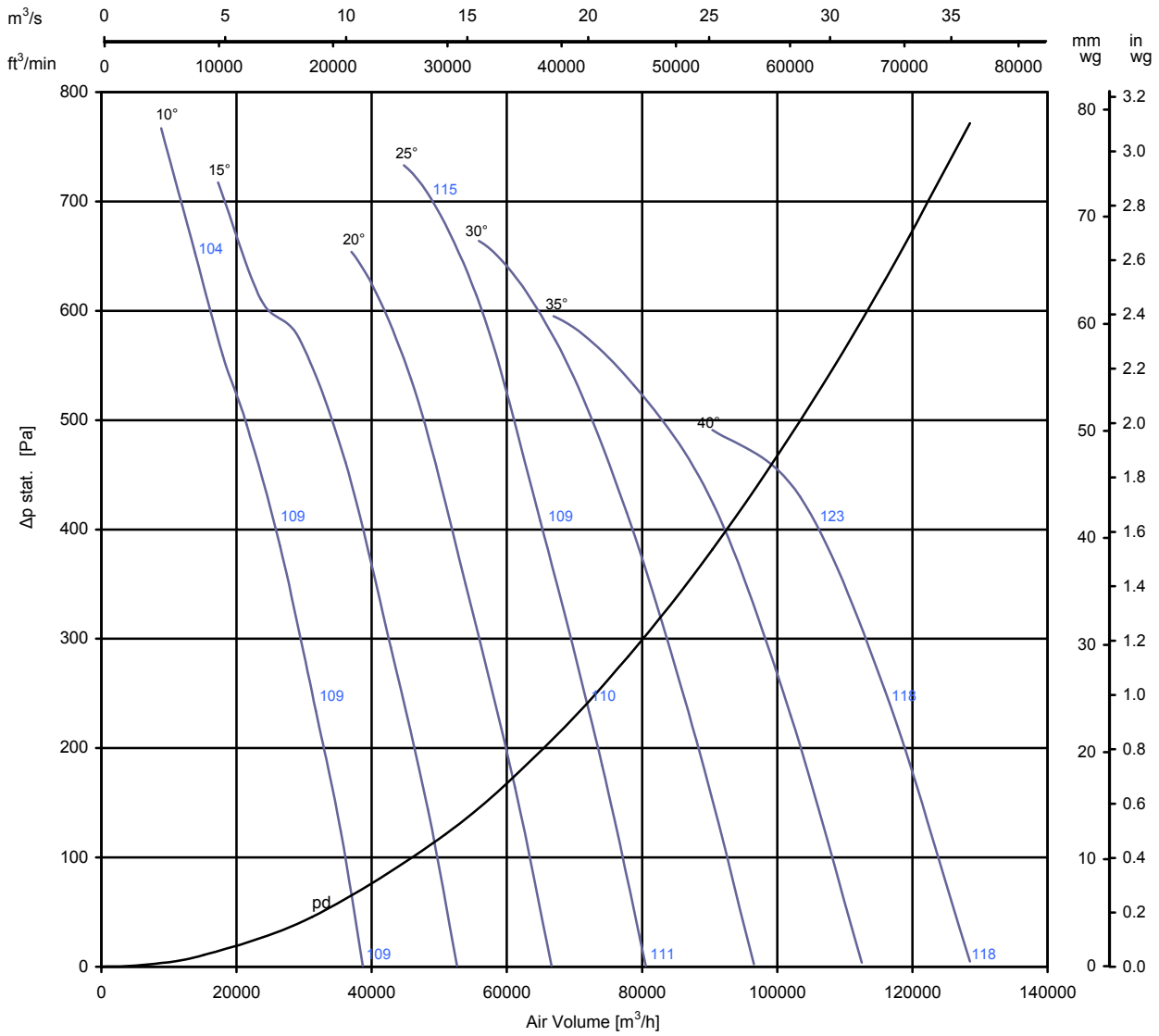
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

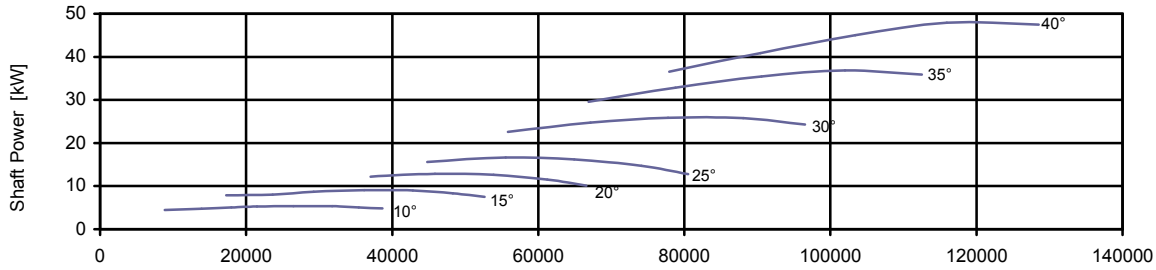
Systemair

Matthews & Yates Division

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

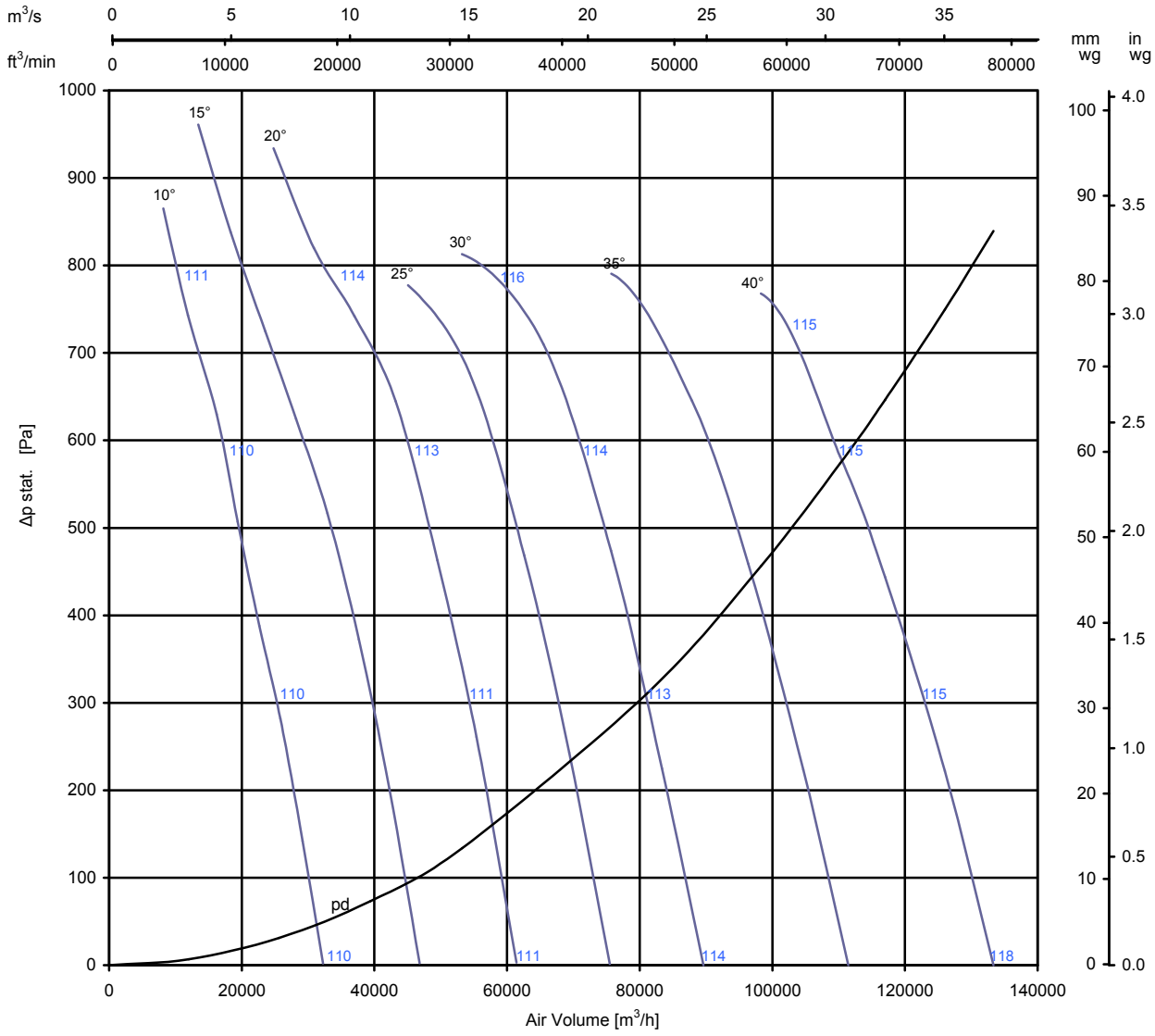
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

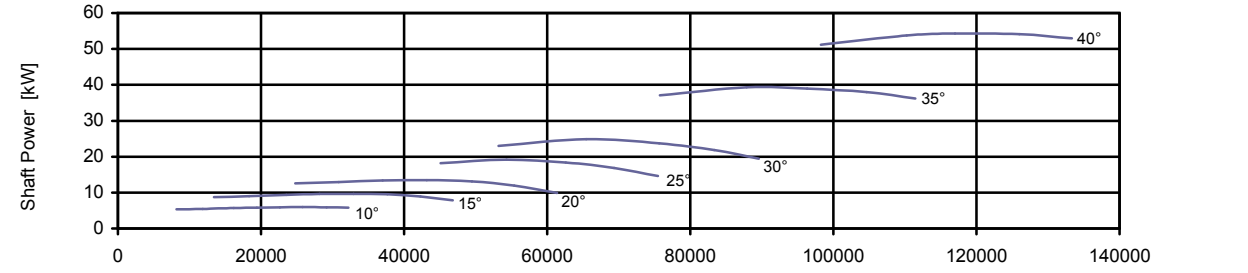
Systemair

Matthews & Yates Division

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.

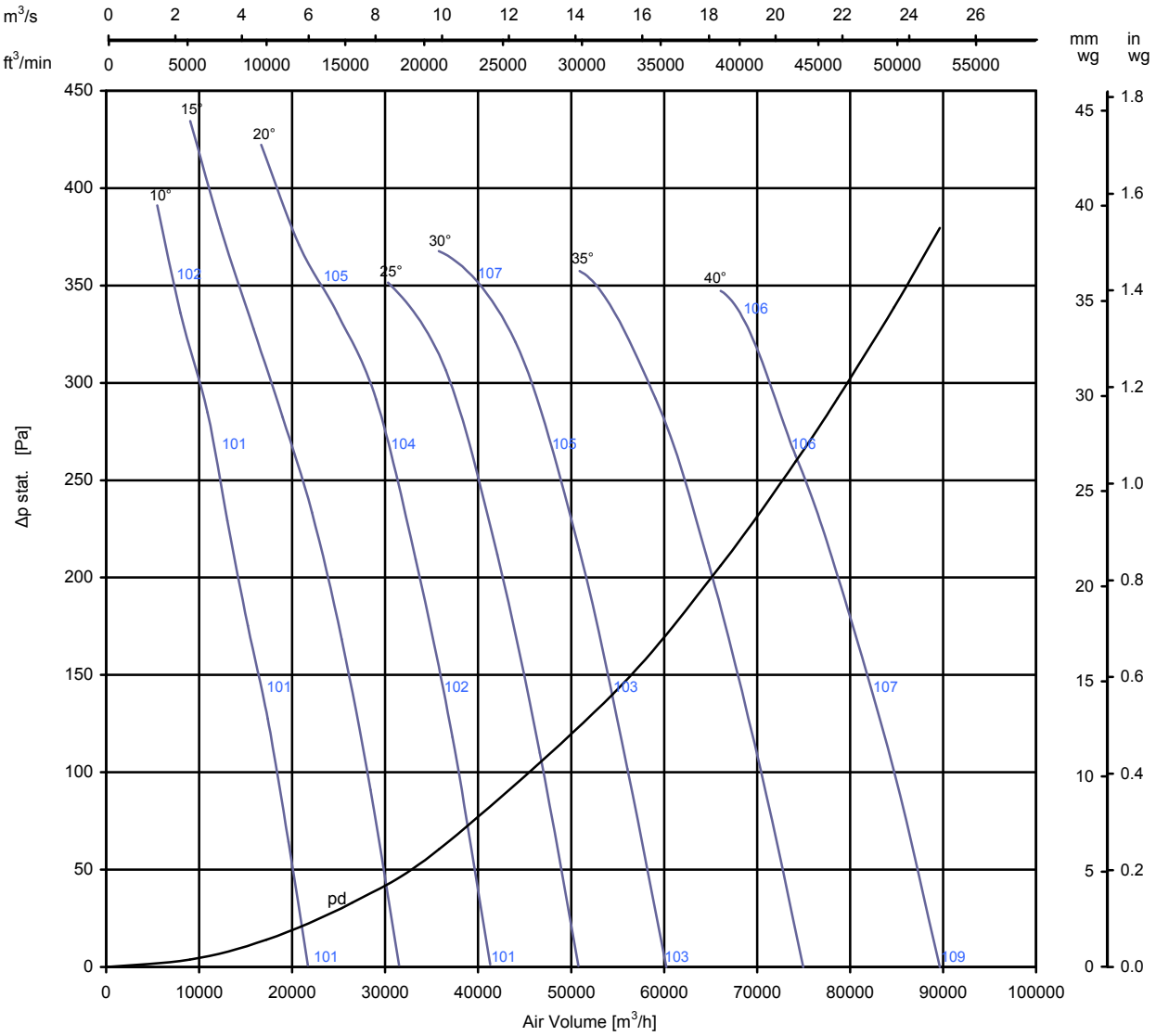
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<500	-14	-18	-2	-5	-5	-10	-14	-17
	<800	-14	-19	-2	-5	-6	-12	-18	-22
20°	<500	-9	-16	-6	-5	-5	-9	-13	-17
	<800	-12	-19	-9	-2	-5	-10	-16	-23
30°	<500	-4	-15	-5	-6	-9	-12	-17	-21
	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

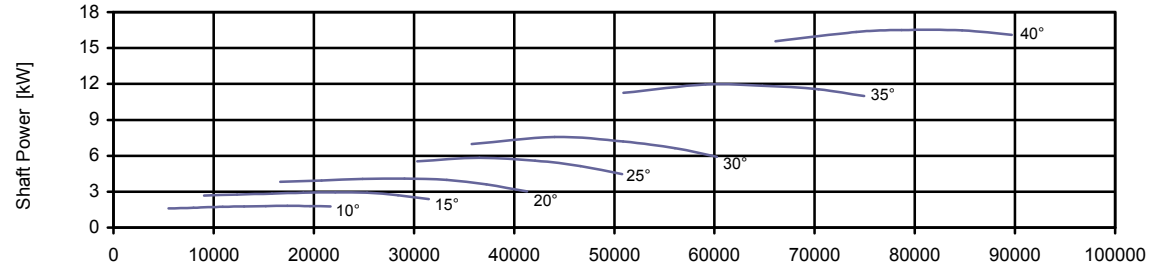
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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/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.

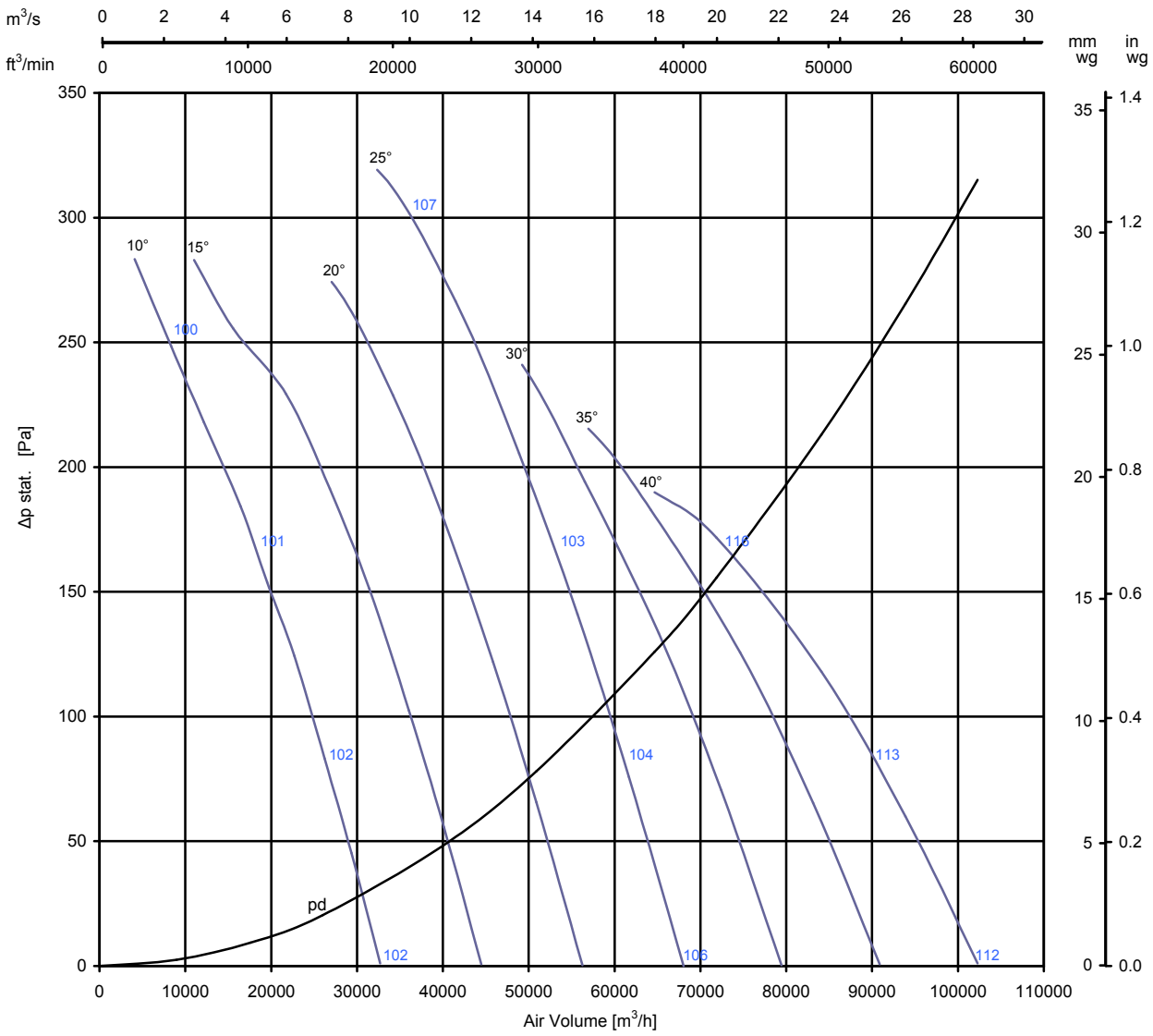
Systemair

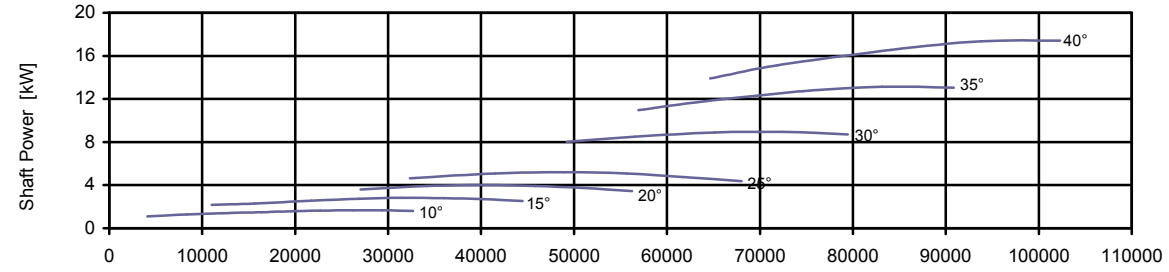
Matthews & Yates Division

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

V

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.

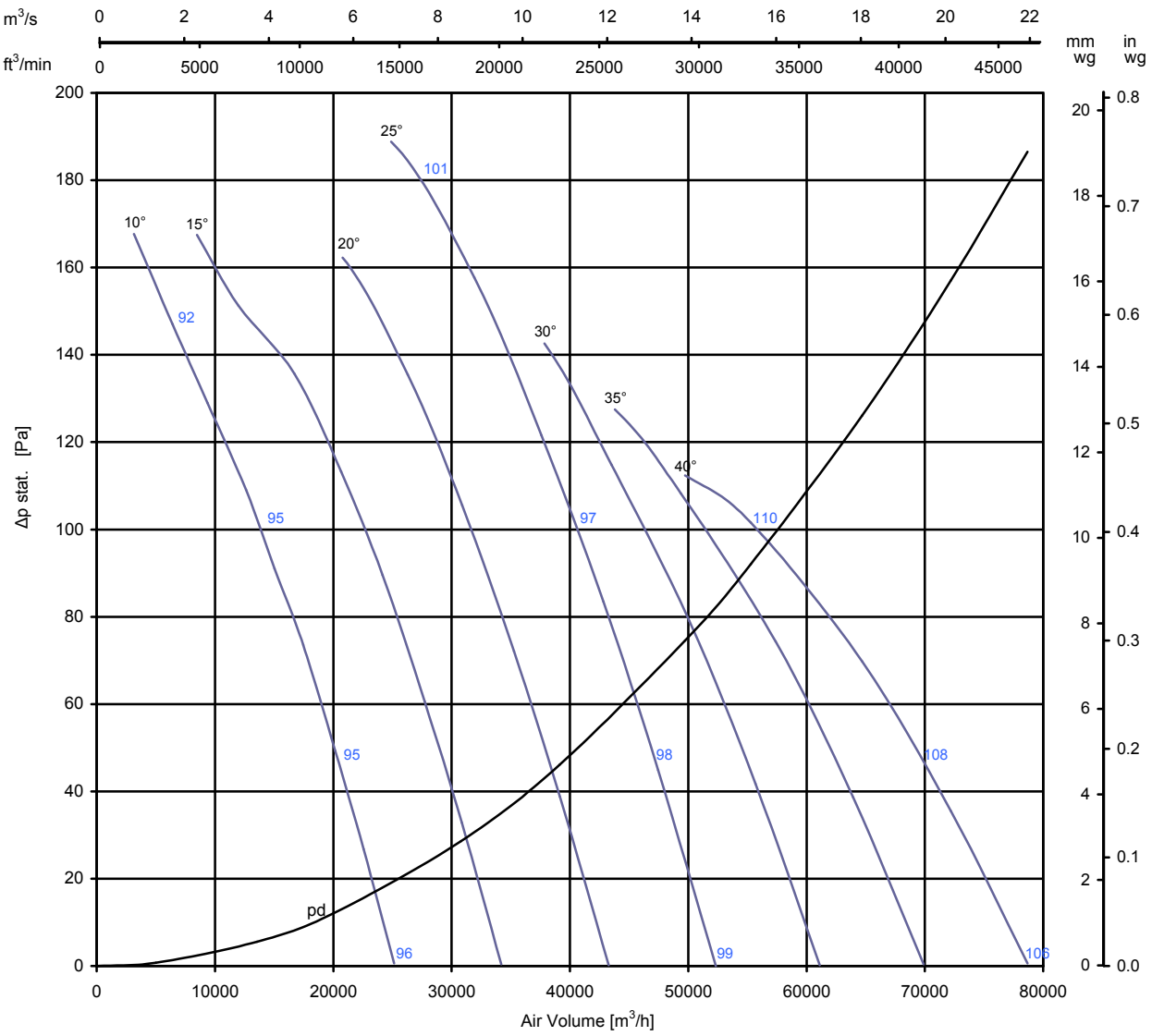
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<150	-10	-8	-5	-5	-6	-11	-12	-23
	<250	-3	-5	-5	-8	-10	-16	-16	-26
25°	<150	-4	-5	-7	-7	-11	-16	-18	-25
	<300	-6	-6	-4	-5	-9	-14	-19	-24
40°	<110	-3	-5	-10	-12	-15	-19	-23	-27
	<180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

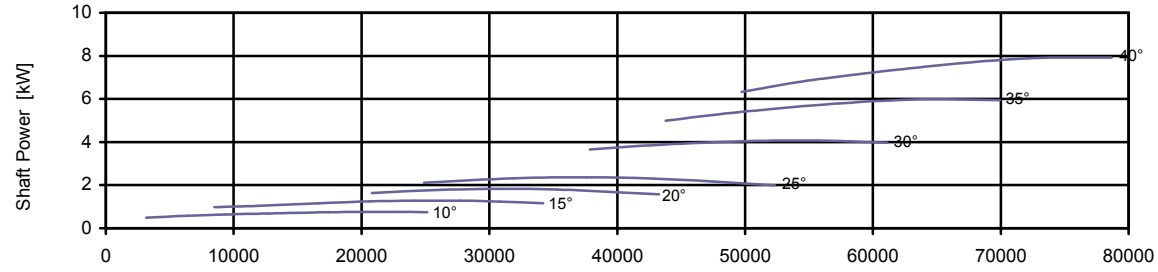
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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

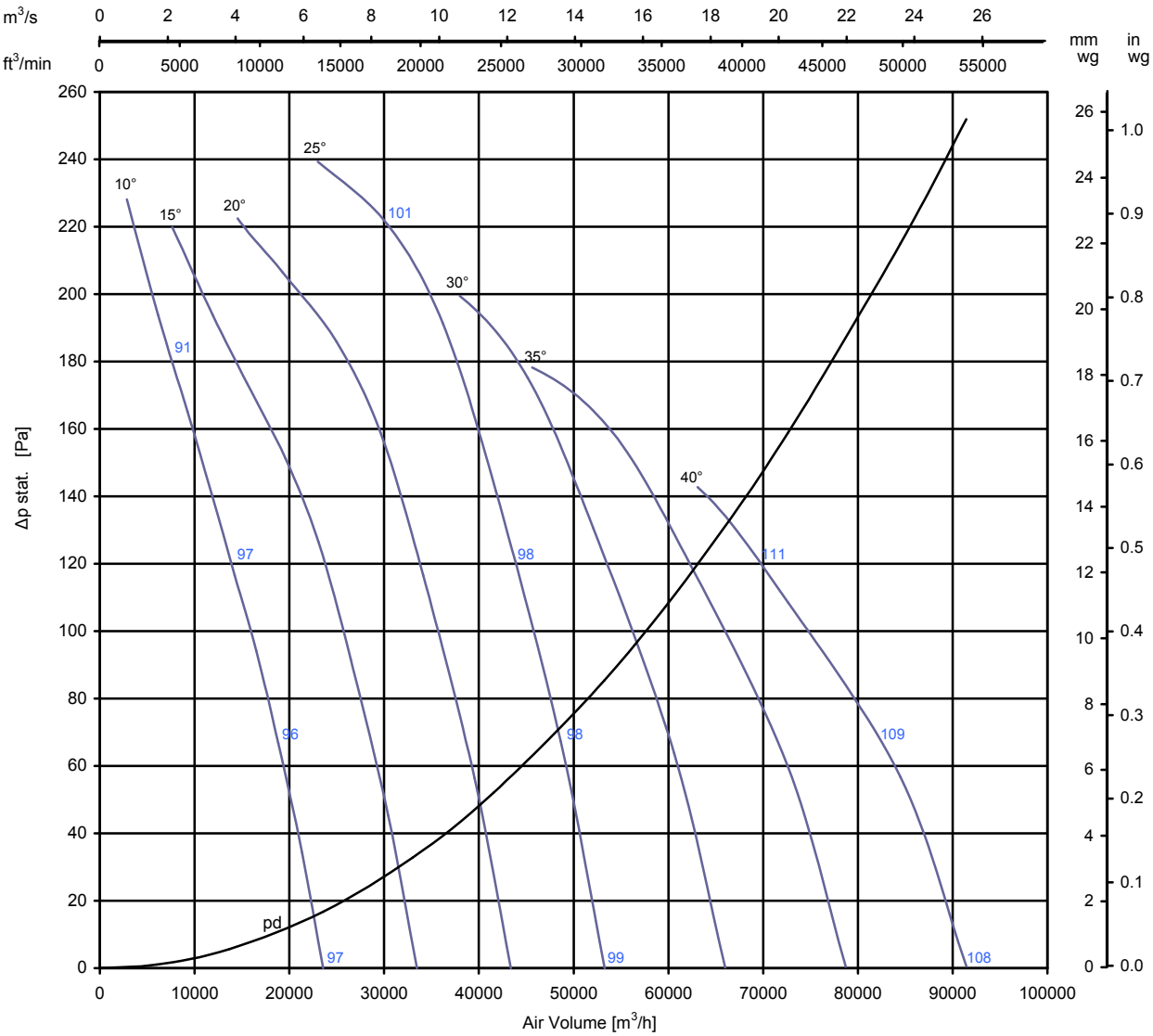
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

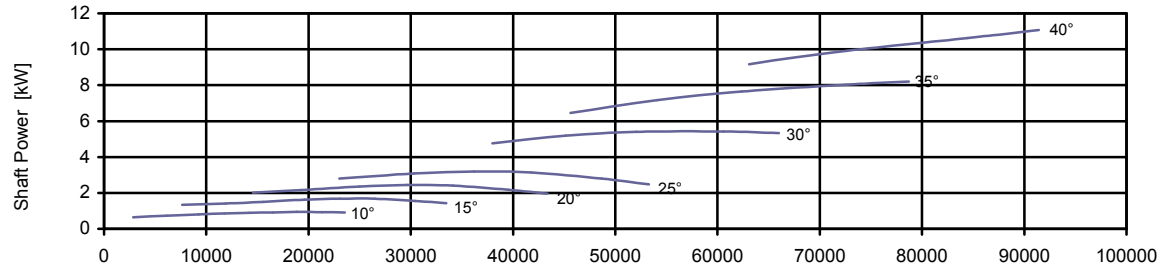
Systemair

Matthews & Yates Division

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/m^3, 20°C, 1013hPa

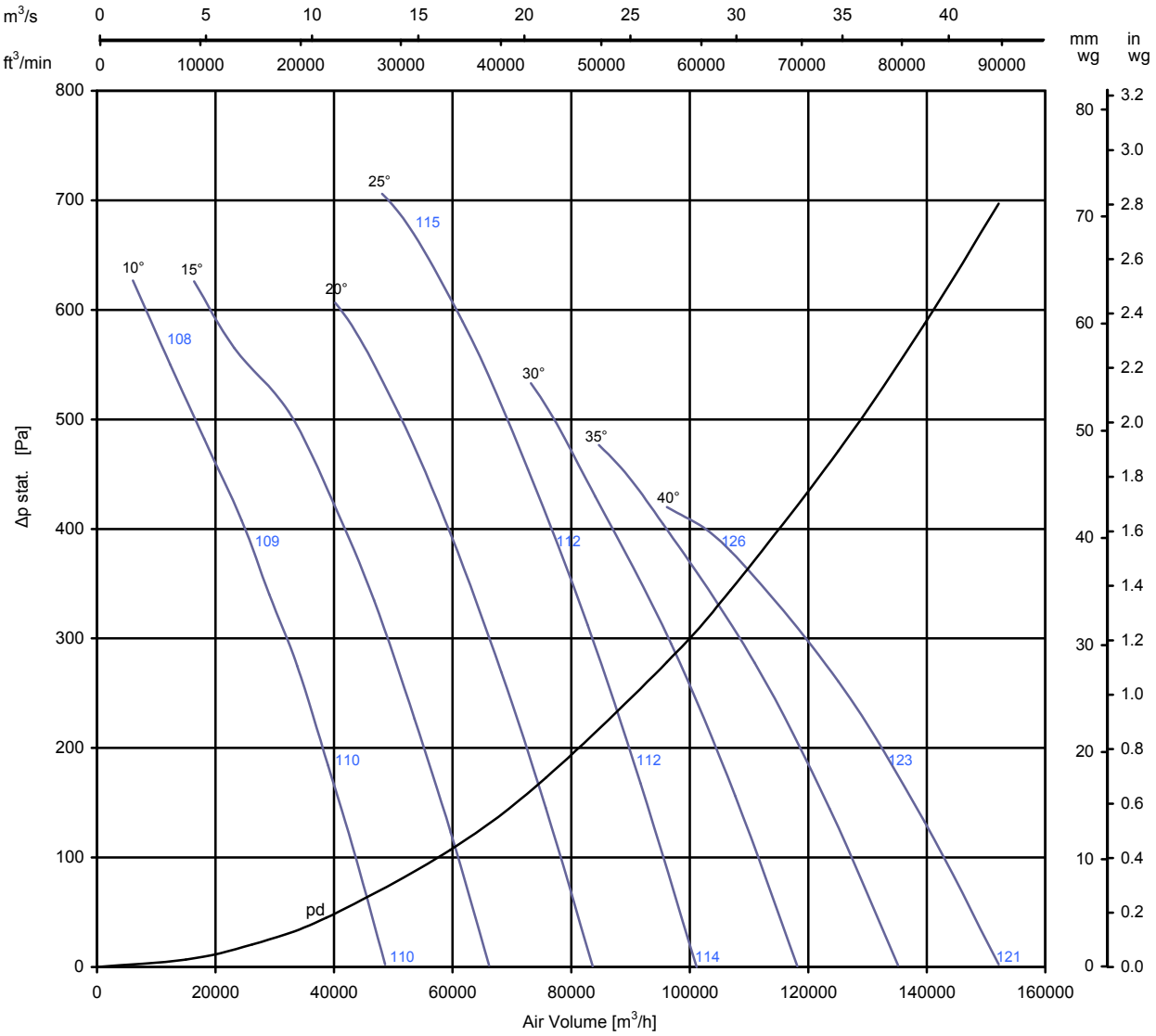
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

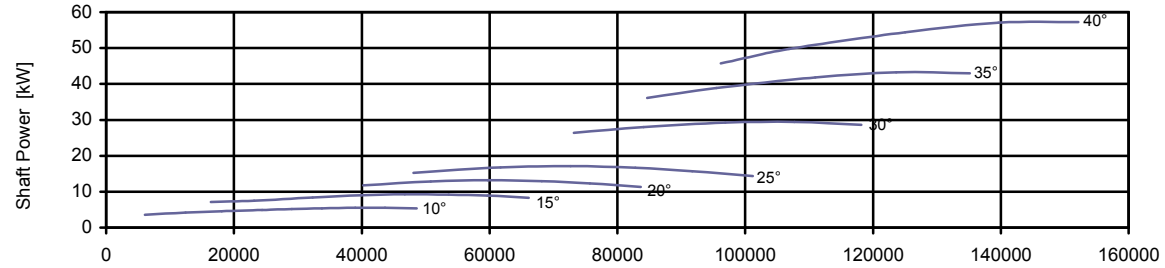
Systemair

Matthews & Yates Division

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/m^3, 20°C, 1013hPa

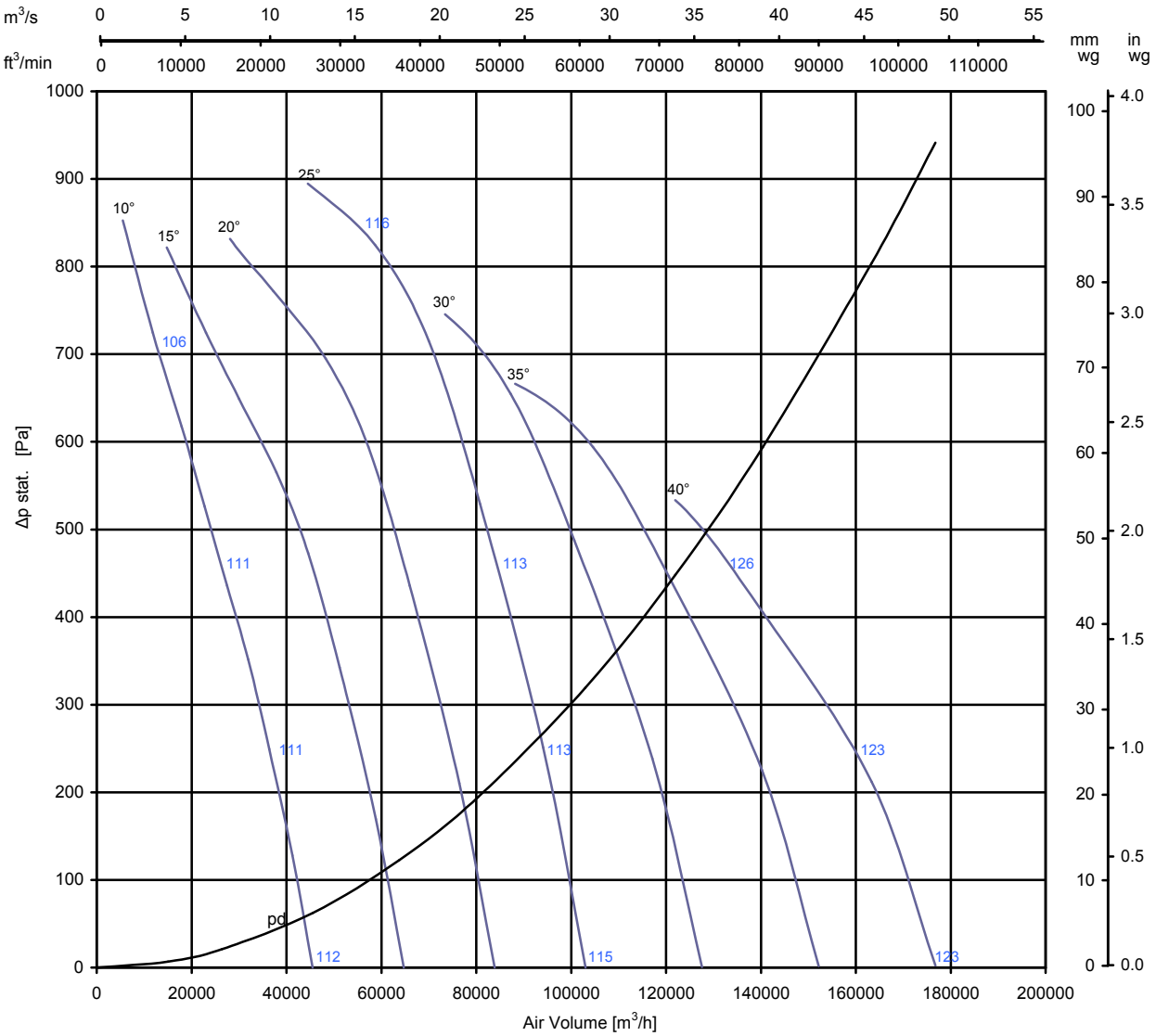
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

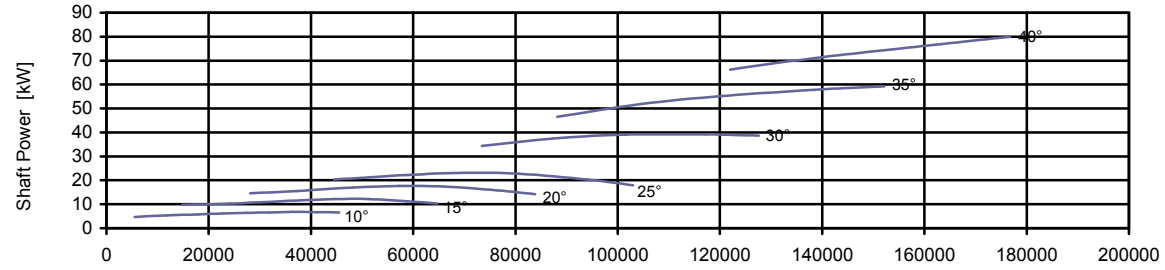
Systemair

Matthews & Yates Division

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/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.

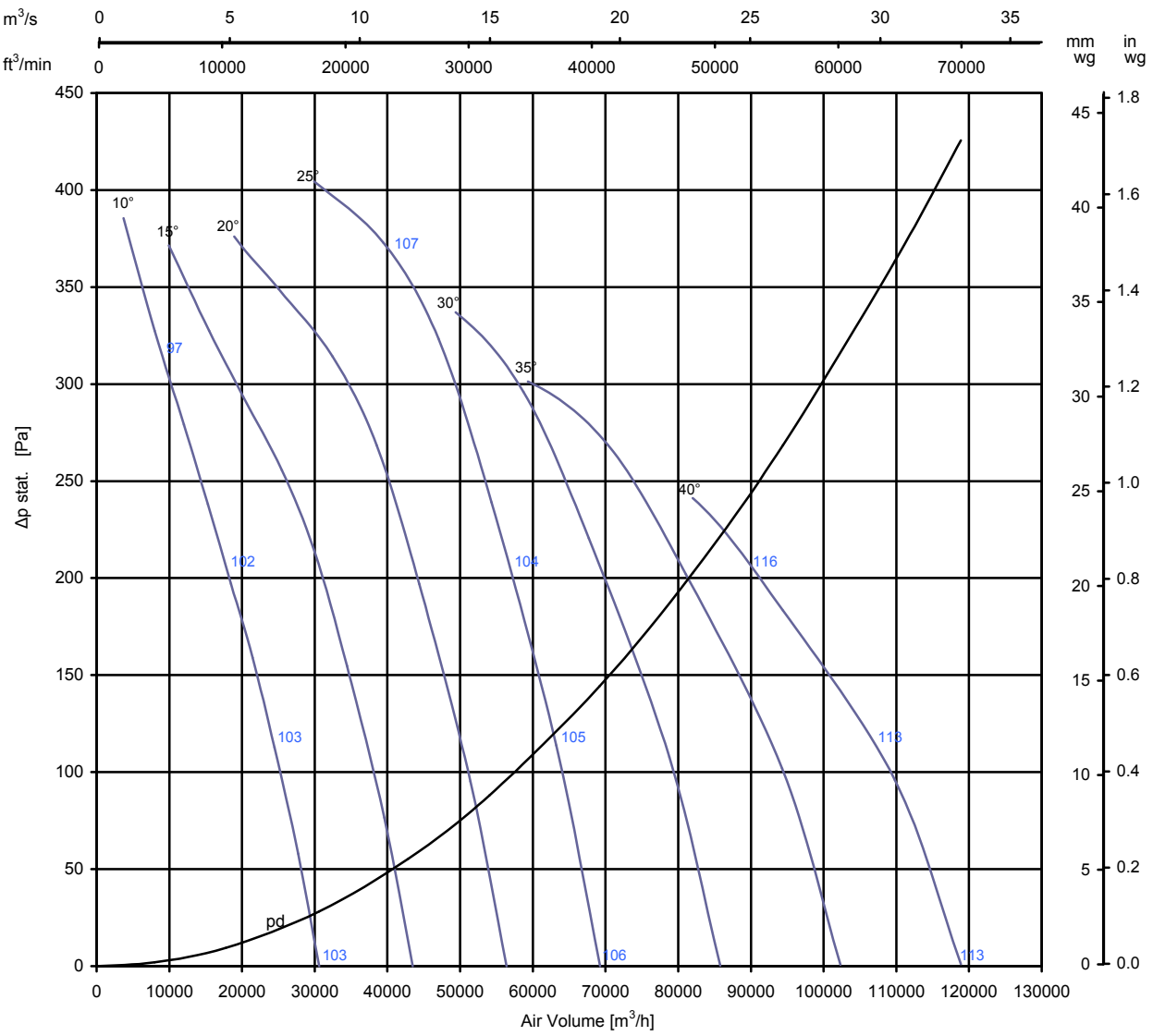
Systemair

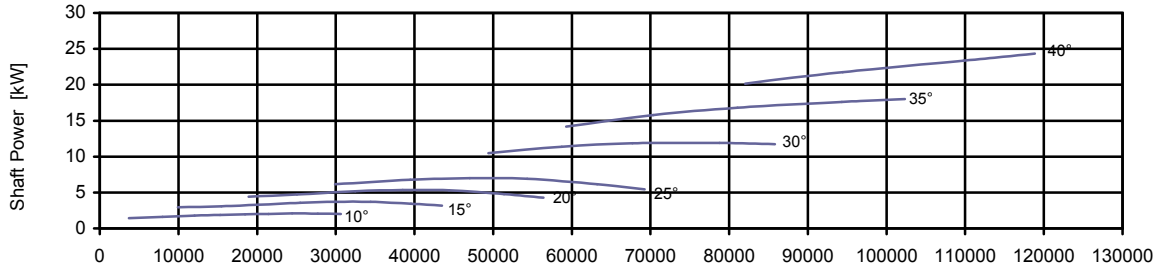
Matthews & Yates Division

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

V

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

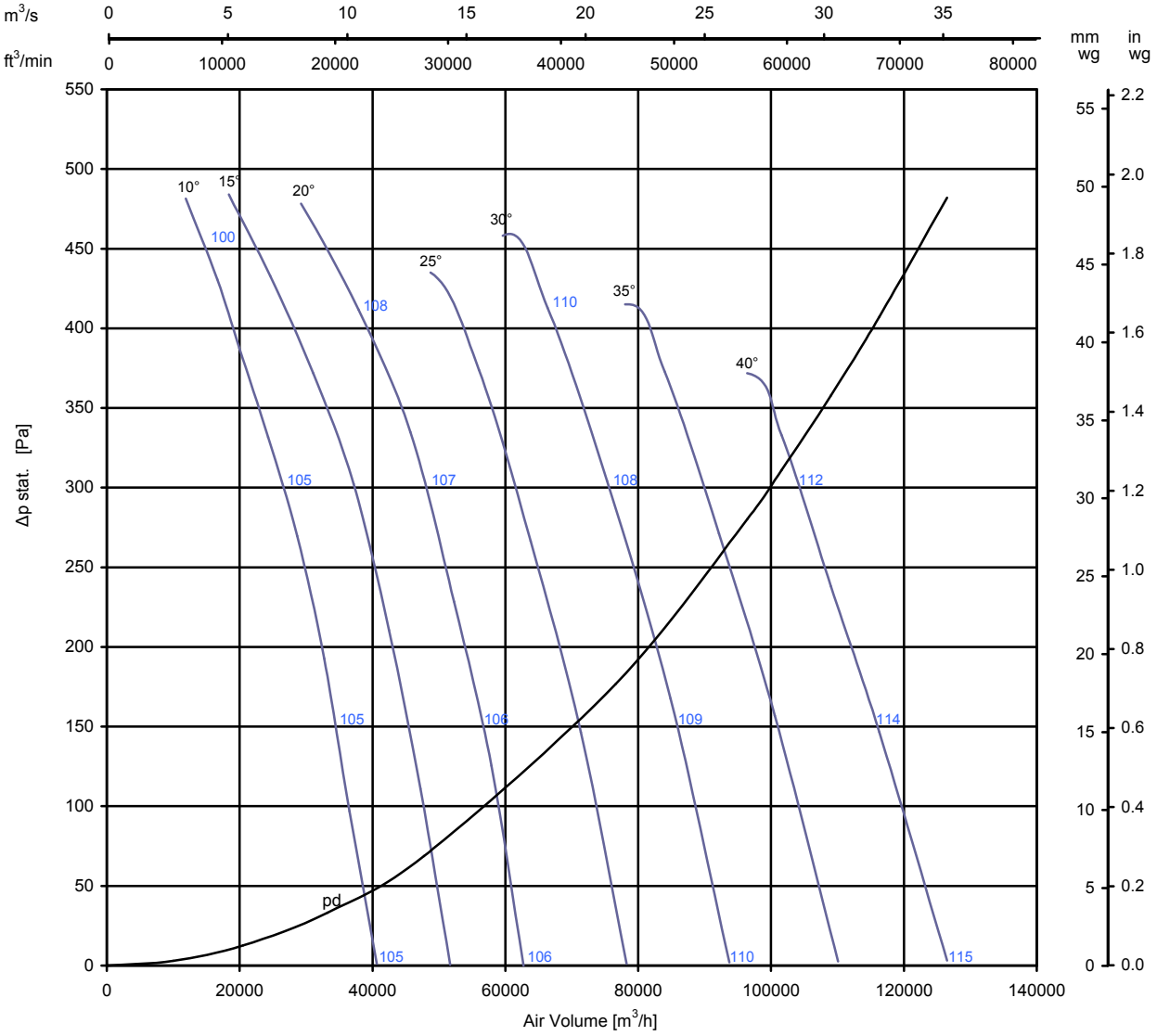
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

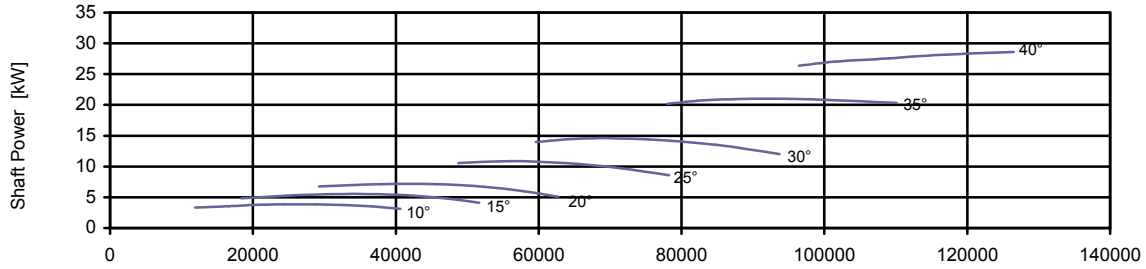
Systemair

Matthews & Yates Division

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.

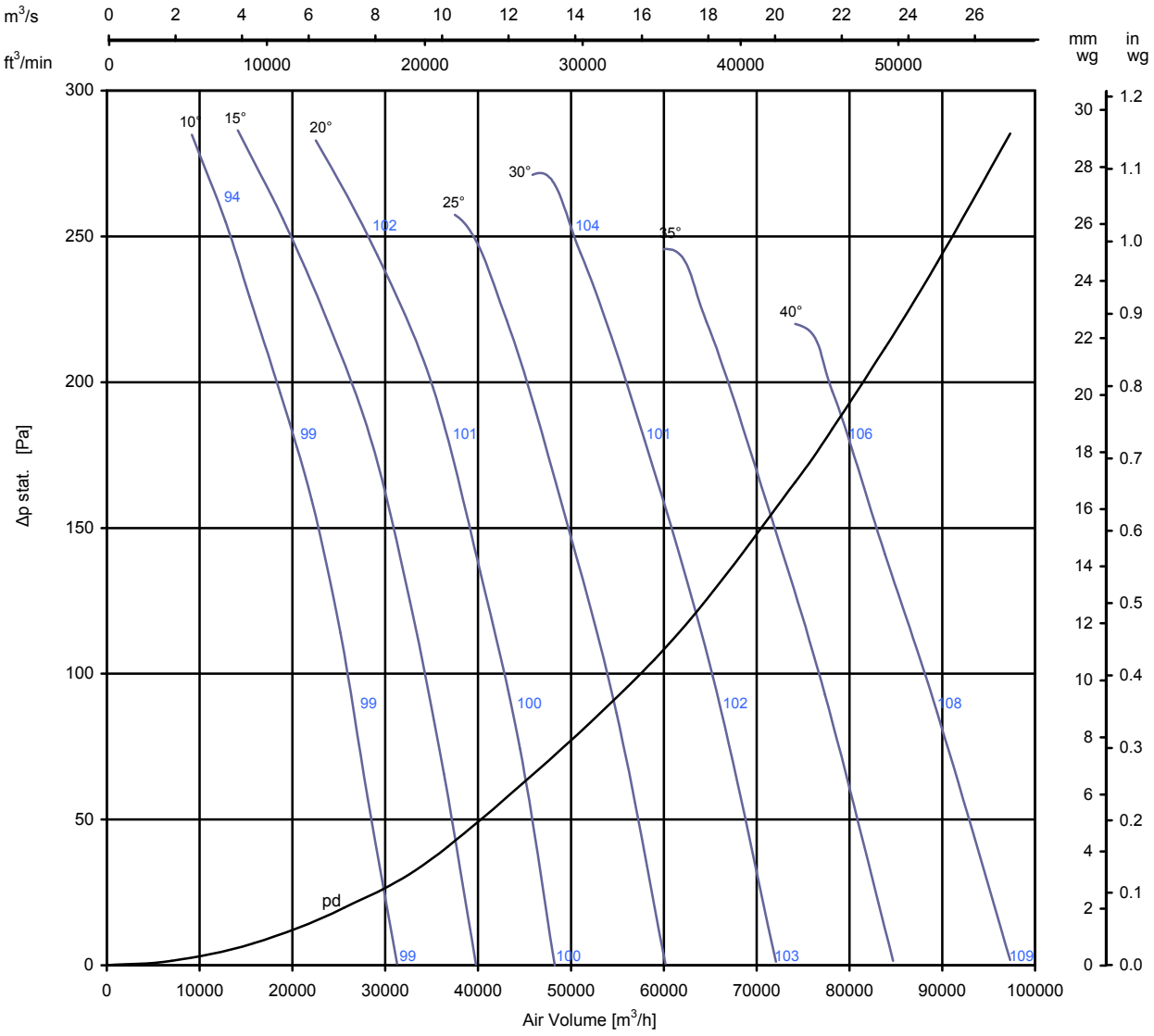
Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<250	-13	-12	-6	-5	-6	-10	-12	-21
	<450	-12	-5	-4	-6	-8	-12	-16	-22
20°	<250	-8	-12	-5	-6	-6	-11	-15	-22
	<450	-13	-10	-4	-5	-8	-12	-18	-24
30°	<250	-5	-11	-5	-8	-12	-15	-19	-25
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

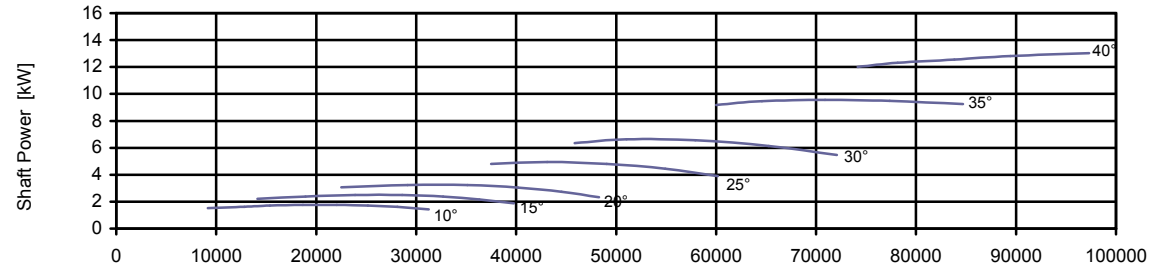
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- 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

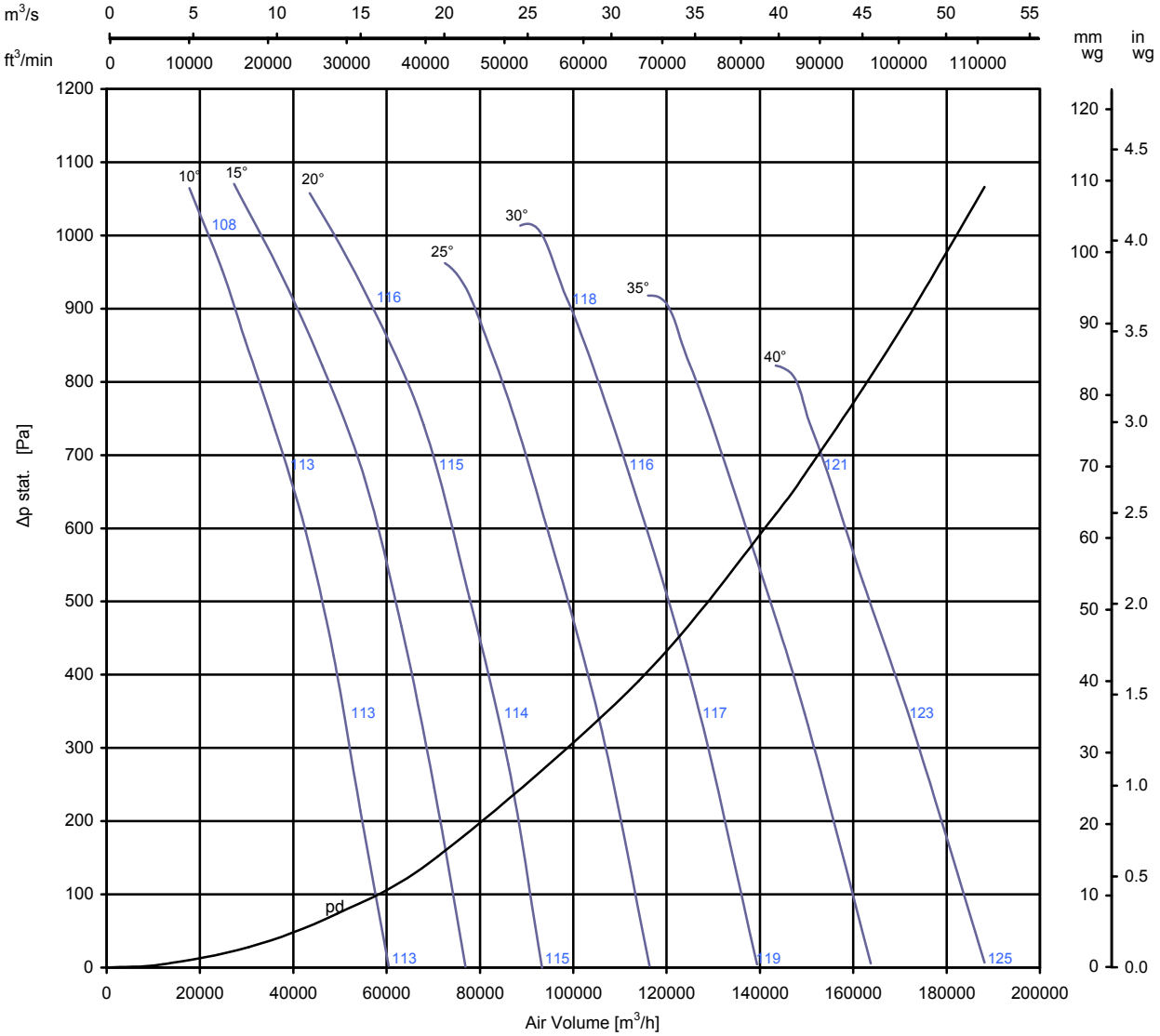
- Performance certified is for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301.
  Values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

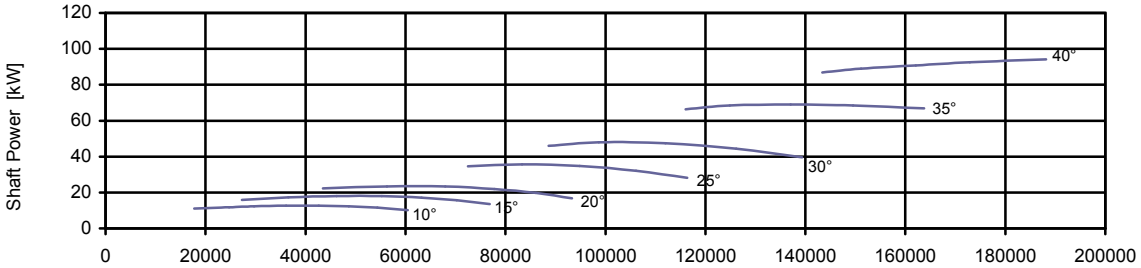
Systemair

Matthews & Yates Division

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 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	-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

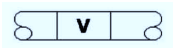
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m^3, 20°C, 1013hPa

- 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.

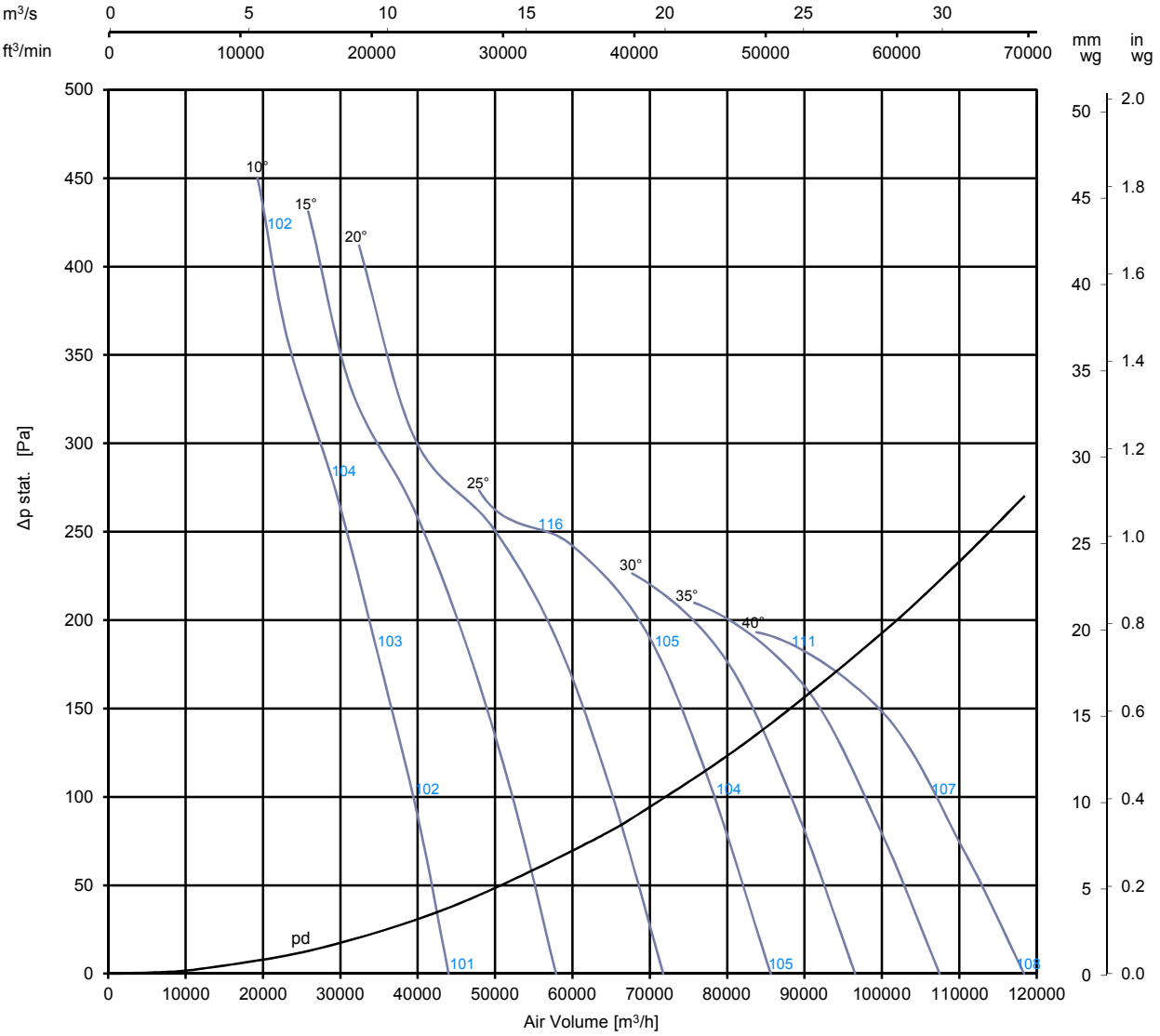
Systemair

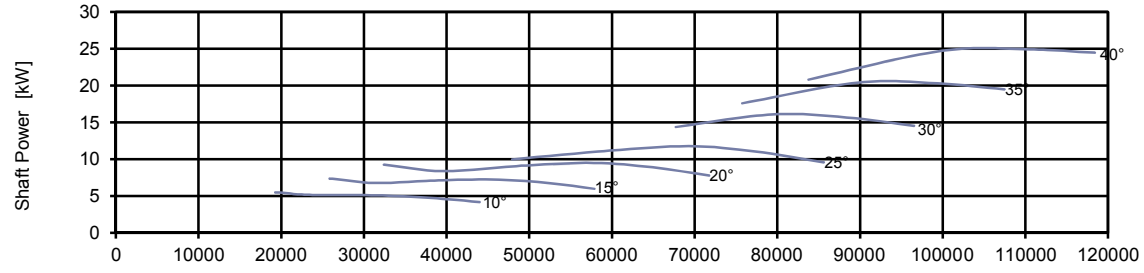
Matthews & Yates Division

AXC 1400-12-8, 50Hz 750 rpm



Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are overall outlet Lwo 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.

Outlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<270	-8	-4	-6	-6	-8	-12	-14	-13
	<450	-7	-3	-7	-10	-13	-15	-16	-14
25°	<100	-2	-10	-13	-10	-9	-14	-18	-19
	<240	-1	-8	-7	-8	-9	-14	-19	-20
40°	<100	-3	-6	-10	-11	-12	-13	-16	-19
	<190	-4	-5	-8	-12	-13	-14	-17	-20

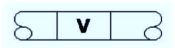
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type A - Free inlet, Free 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 A: free inlet, free outlet.

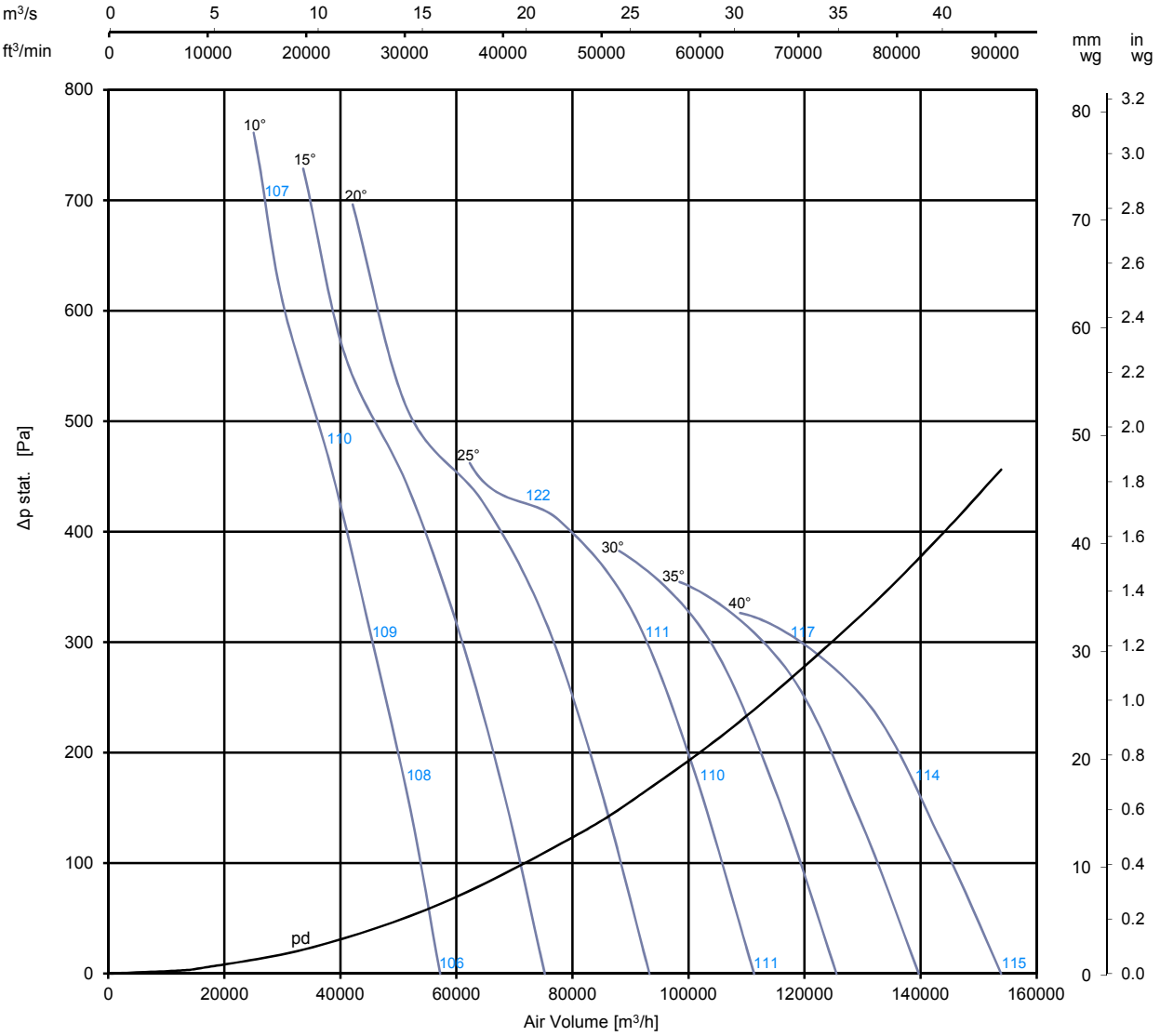
Systemair

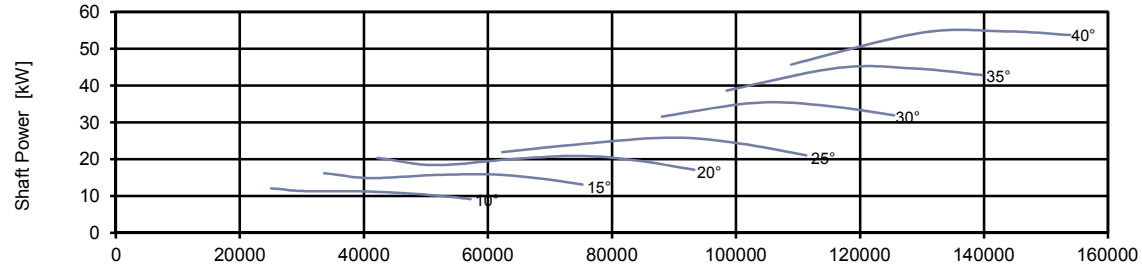
Matthews & Yates Division

AXC 1400-12-6, 50Hz 970 rpm



Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are overall outlet Lwo 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.

Outlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<450	-9	-6	-5	-6	-7	-10	-13	-13
	<750	-8	-5	-5	-9	-12	-14	-15	-15
25°	<180	-3	-7	-11	-11	-10	-12	-16	-19
	<400	-3	-7	-8	-8	-9	-12	-17	-21
40°	<180	-6	-3	-11	-11	-13	-14	-16	-19
	<300	-6	-3	-9	-12	-14	-14	-17	-20

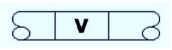
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type A - Free inlet, Free 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 A: free inlet, free outlet.

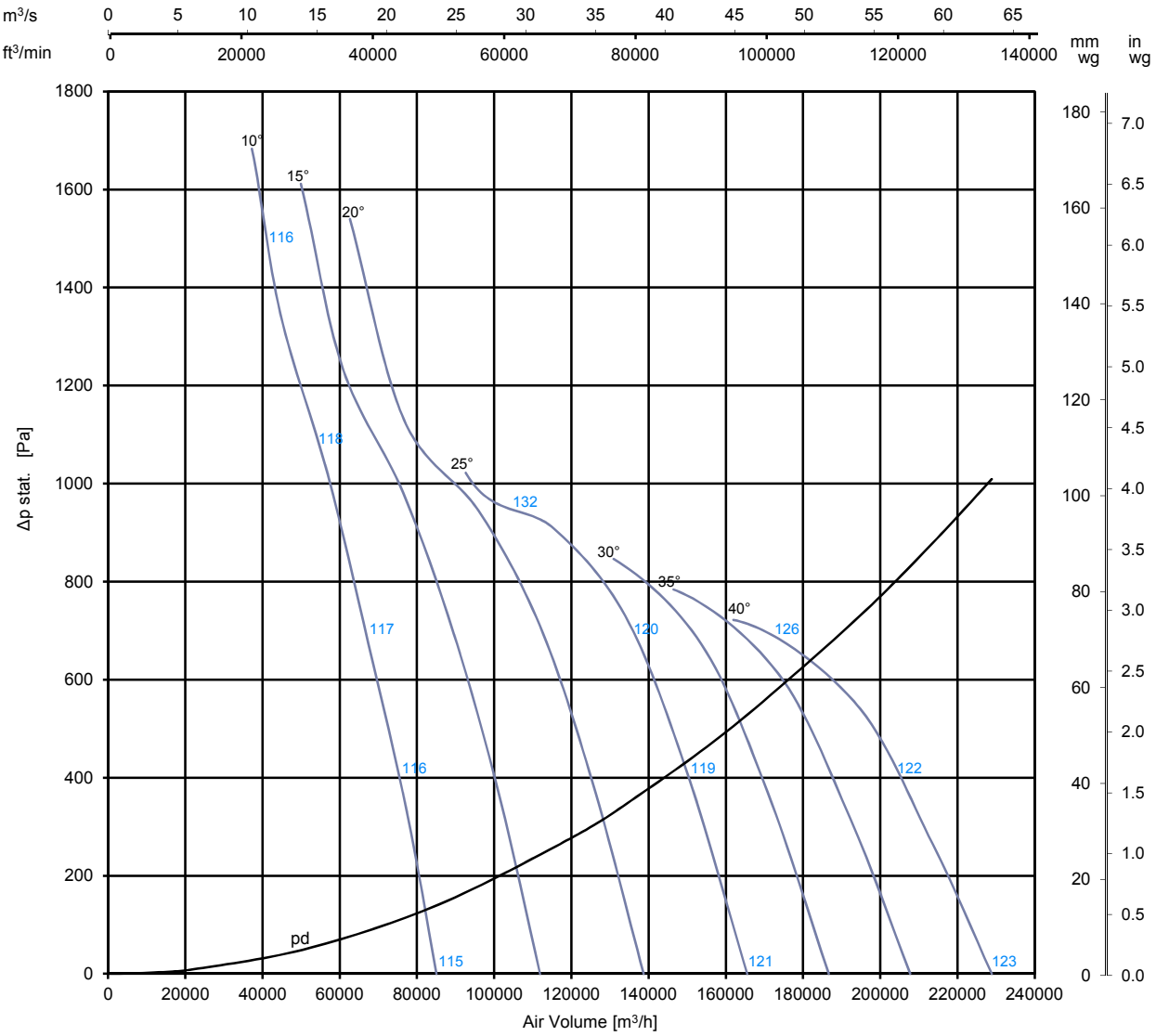
Systemair

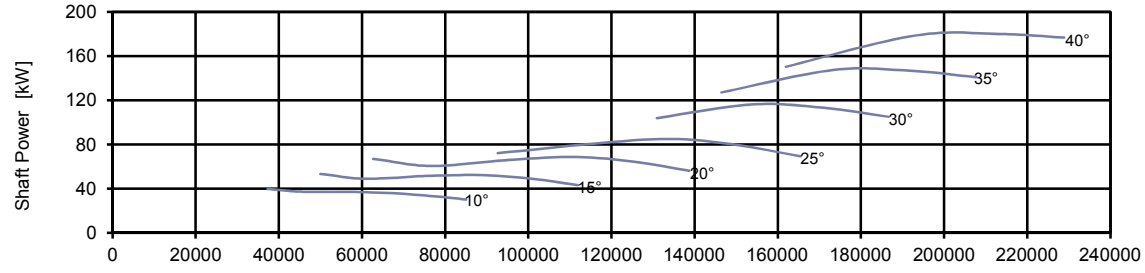
Matthews & Yates Division

AXC 1400-12-4, 50Hz 1450 rpm



Axial Fan
Hub : 500mm





SOUND DATA

Single figure on performance curves are overall outlet Lwo 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.

Outlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<1000	-11	-8	-4	-7	-6	-8	-12	-14
	<1700	-10	-7	-4	-8	-11	-13	-15	-16
25°	<400	-6	-3	-12	-14	-11	-10	-15	-19
	<900	-5	-2	-10	-8	-9	-10	-15	-20
40°	<400	-7	-4	-8	-10	-11	-13	-14	-17
	<700	-7	-4	-6	-9	-12	-13	-15	-18

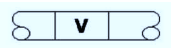
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type A - Free inlet, Free 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 A: free inlet, free outlet.

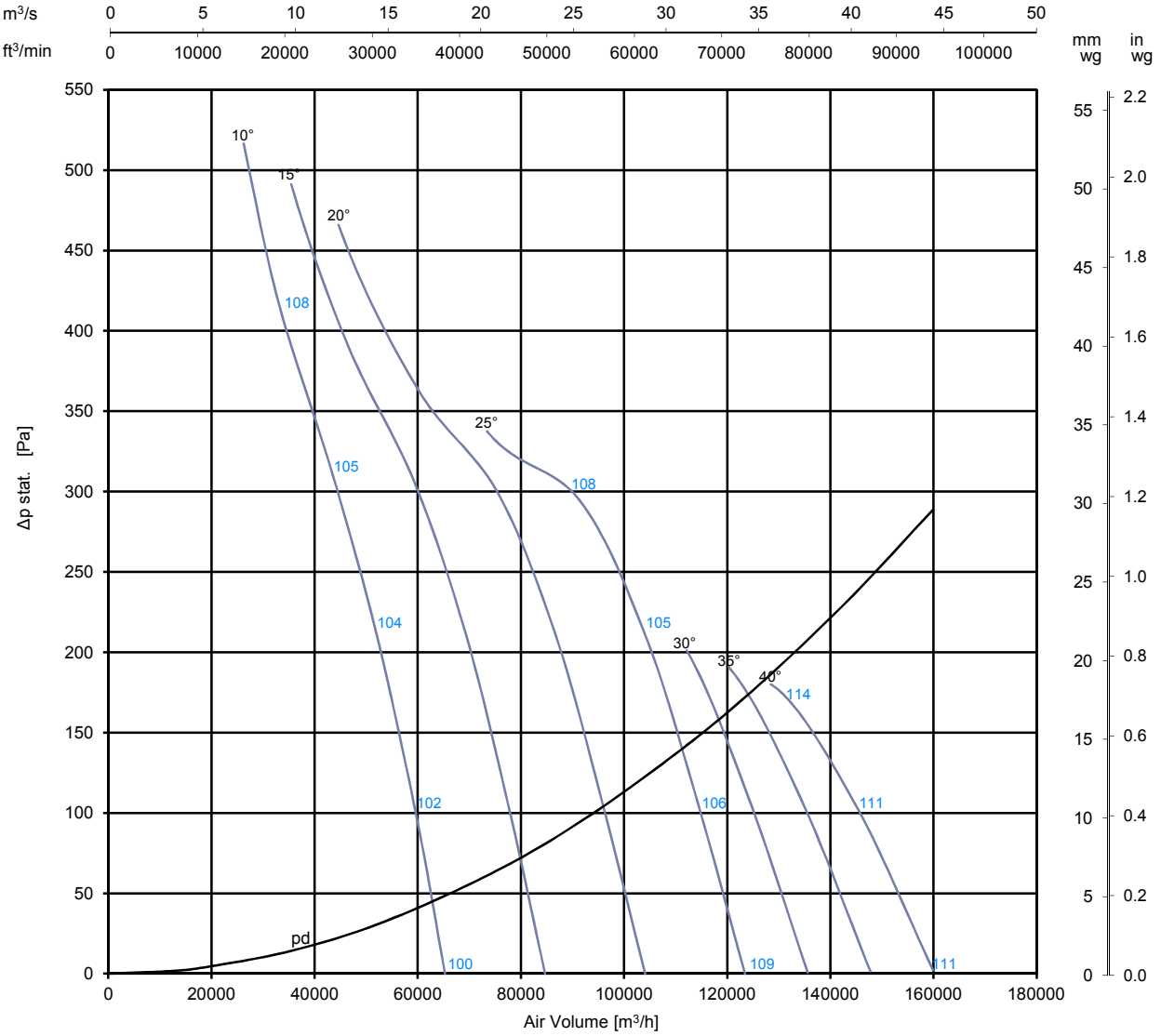
Systemair

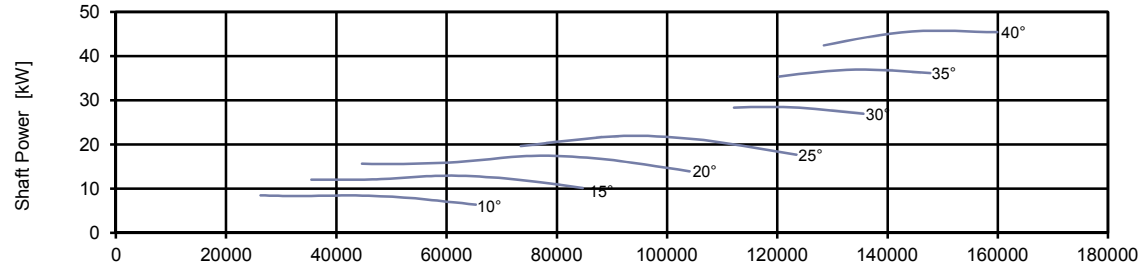
Matthews & Yates Division

AXC 1600-12-8, 50Hz 750 rpm



Axial Fan
Hub : 630mm





SOUND DATA

Single figure on performance curves are overall outlet Lwo 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.

Outlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<300	-7	-8	-6	-6	-8	-10	-13	-12
	<500	-5	-4	-6	-7	-10	-15	-18	-20
25°	<100	-2	-6	-10	-13	-13	-15	-19	-22
	<290	-3	-5	-5	-9	-10	-12	-16	-19
40°	<100	-7	-4	-5	-9	-13	-14	-17	-21
	<180	-7	-4	-5	-9	-13	-14	-17	-21

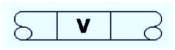
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa

- Performance certified is for installation type A - Free inlet, Free 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 A: free inlet, free outlet.

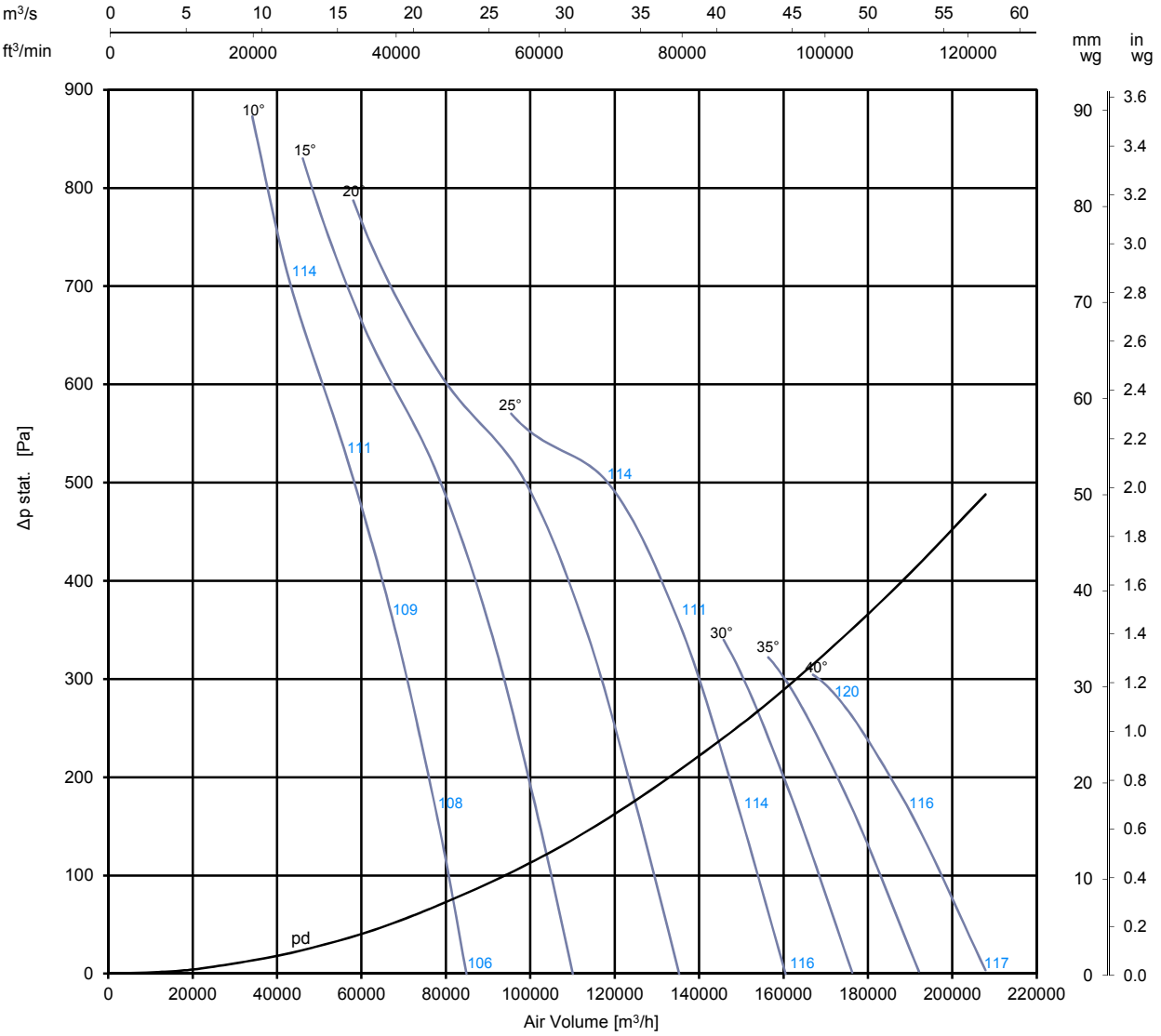
Systemair

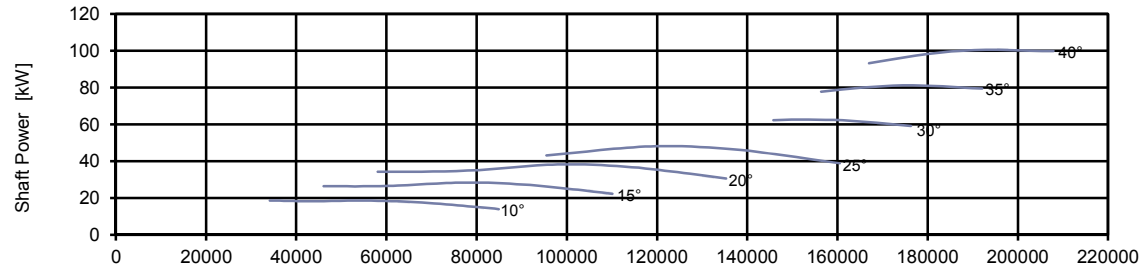
Matthews & Yates Division

AXC 1600-12-6, 50Hz 975 rpm



Axial Fan
Hub : 630mm





SOUND DATA

Single figure on performance curves are overall outlet Lwo 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.

Outlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<500	-8	-7	-8	-7	-8	-9	-12	-14
	<800	-6	-4	-6	-7	-9	-13	-17	-20
25°	<180	-5	-2	-11	-15	-14	-15	-19	-23
	<490	-6	-3	-5	-8	-10	-11	-15	-19
40°	<180	-8	-5	-5	-7	-12	-14	-16	-19
	<300	-8	-5	-5	-8	-12	-14	-15	-20

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

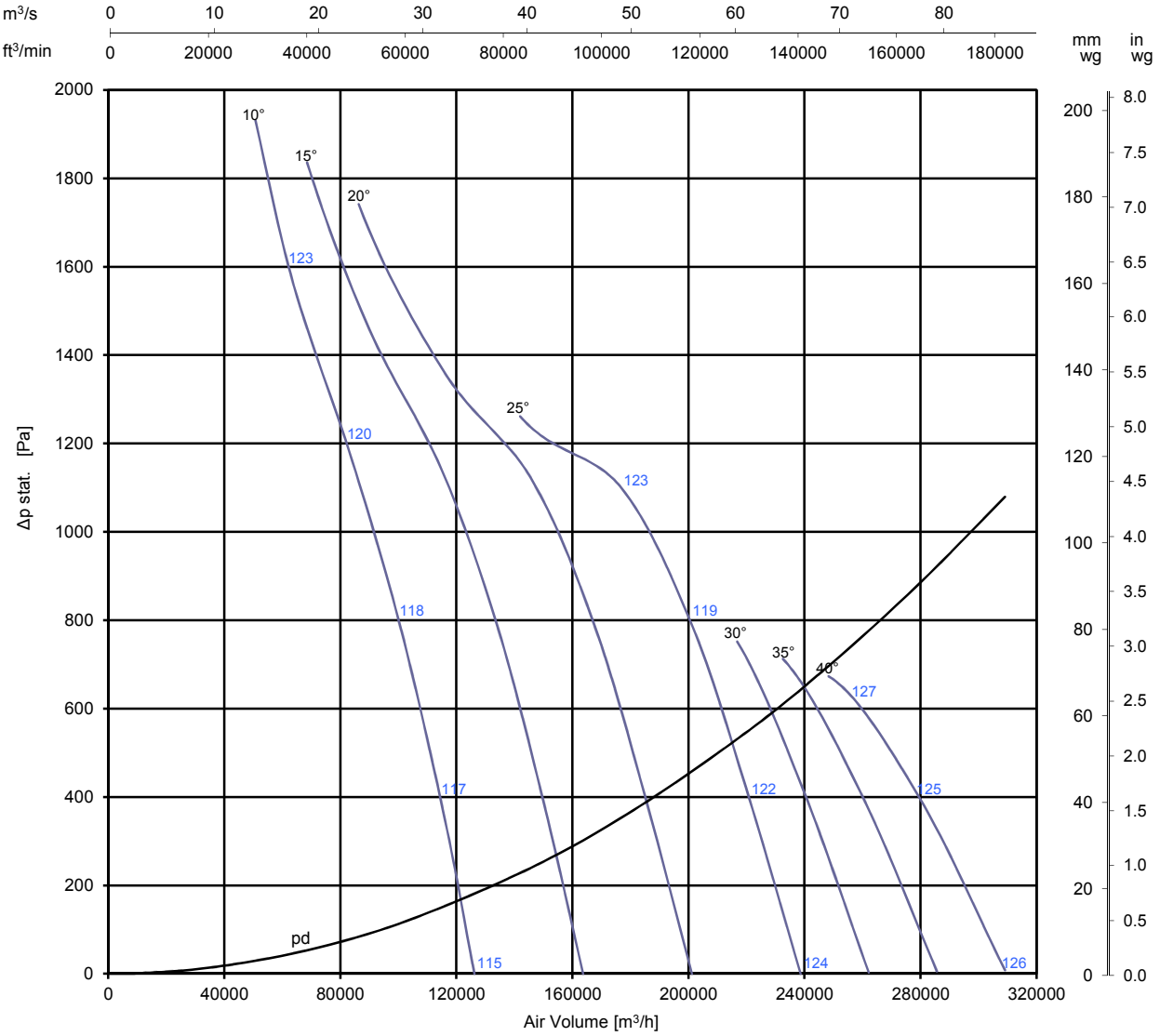
- Performance certified is for installation type A - Free inlet, Free outlet. Performance ratings do not include the effects of appurtenances (Accessories).
- The sound power level ratings shown are in decibels, referred to 10^{-12} watts, calculated per AMCA International Standard 301. Values shown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

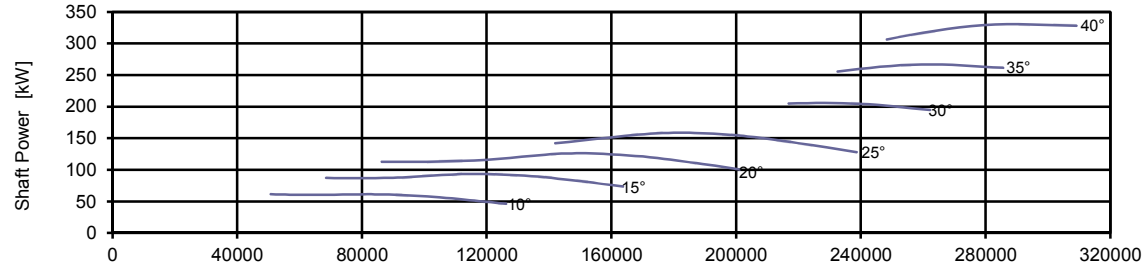
Systemair

Matthews & Yates Division

AXC 1600-12-4, 50Hz 1450 rpm

Axial Fan
Hub : 630mm





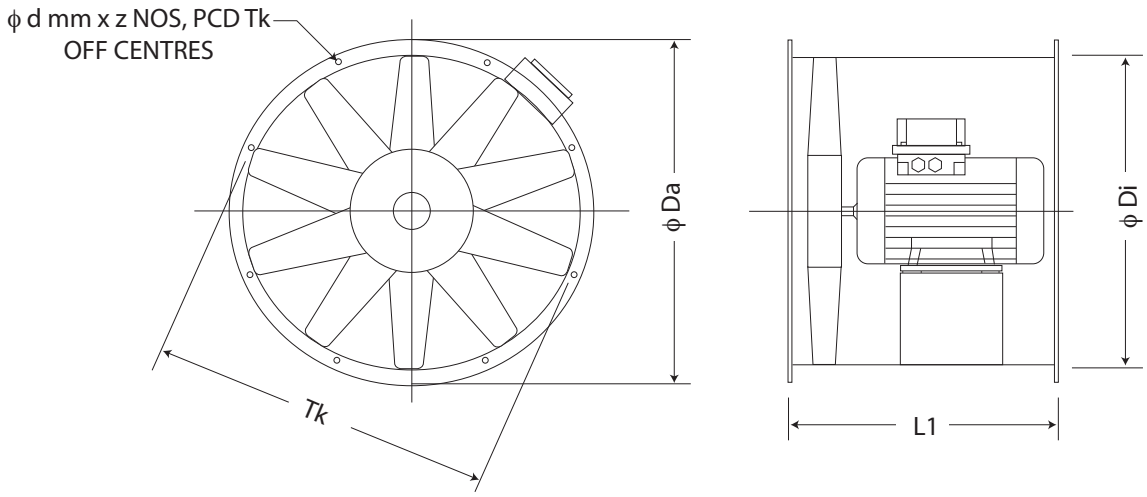
SOUND DATA

Single figure on performance curves are overall outlet Lwo 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.

Outlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<1100	-10	-7	-8	-6	-7	-8	-11	-14
	<1900	-8	-5	-5	-7	-8	-12	-16	-18
25°	<400	-6	-3	-7	-11	-14	-13	-16	-20
	<1100	-7	-4	-6	-6	-10	-10	-12	-17
40°	<400	-10	-7	-4	-5	-10	-13	-14	-17
	<650	-10	-7	-4	-6	-10	-13	-14	-17

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

- Performance certified is for installation type A - Free inlet, Free 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 A: free inlet, free outlet.



Fan dimension	Motor frame size (min.)	Motor frame size (max.)	ϕ Di	ϕ Da	s	L1	Hole pattern	ϕ Tk	z x ϕd
DN 315	IEC 071	IEC 080	315	395	2.8	375	DIN 24154-3	355	8 x 10
DN 355	IEC 071	IEC 080	355	435	2.8	375	DIN 24154-3	395	8 x 10
DN 400	IEC 071	IEC 080	400	480	2.8	375	DIN 24154-3	450	8 x 12
DN 450	IEC 071	IEC 090	450	530	2.8	400	DIN 24154-3	500	12 x 12
DN 500	IEC 071	IEC 090	500	590	2.8	400	DIN 24154-3	560	12 x 12
DN 560	IEC 080	IEC 100	560	650	3	450	DIN 24154-3	620	12 x 12
DN 630	IEC 080	IEC 112	630	720	3	500	DIN 24154-3	690	12 x 12
DN 710	IEC 080	IEC 112	710	800	3	500	DIN 24154-3	770	16 x 12
DN 800	IEC 090	IEC 112 IEC 132	800 800	890 890	3 3	500 700	DIN 24154-3 DIN 24154-6	860 860	16 x 12 16 x 12
DN 900	IEC 112 IEC 160	IEC 132 IEC 180	900 900	1005 1005	4 4	640 850	DIN 24154-3 DIN 24154-5	970 970	16 x 15 16 x 15
DN 1000	IEC 112 IEC 160	IEC 132 IEC 200	1000 1000	1105 1105	4 4	640 850	DIN 24154-3 DIN 24154-4	1070 1070	16 x 15 16 x 15
DN 1120	IEC 160	IEC 200 IEC 225	1120 1120	1260 1260	4 4	850 950	DIN 24154-3 DIN 24154-6	1190 1190	20 x 15 20 x 15
DN 1250	IEC 160	IEC 200 IEC 225 IEC 250 IEC 280	1250 1250 1250 1250	1390 1390 1390 1390	5 5 5 5	850 950 1000 1130	DIN 24154-3 DIN 24154-3 DIN 24154-4 DIN 24154-5	1320 1320 1320 1320	20x 15 20 x 15 20 x 15 20 x 15

Fan Specification

AXC(A) Direct Driven Axial Fans

Type: AXC(A)

Unit consisting of:

- The fan casing from hot-dip galvanized steel in accordance with EN ISO 1641. Flanges press formed on inlet and outlet side of casing. Flanges and hole pattern in accordance with DIN 24154-3. Inspection hole to verify correct direction of rotation of the fan impeller.
- Adjustable impeller manufactured from die cast aluminium. Balanced statically and dynamically in ac cordance with DIN ISO 1940-1, to quality Q = 6,3.
- Single or three phase IEC motor. Insulation class F; protection class IP 55; design B3; with cold conductor for motor protection; motor in the air stream. Motor pre-wired to the terminal box positioned at the outer casing. Single or two speed motors available. Speed controllable by frequency converter.

Technical Data

Fan

Air volume (1,2 kg/m^3)	[m^3/h]	_____
Static pressure drop	[Pa]	_____
Dynamic pressure drop	Pa]	_____
Absorbed impeller power at shaft P^2	[kW]	_____
Total efficiency	[%]	_____
Sound Power Level LW	[dB(A)]	_____

Motor

Rated power at shaft P^2	[kW]	_____
Rated current	[A]	_____
Rated speed	rpm]	_____
Voltage / Frequency	[V/Hz]	_____

Brand: **Systemair**

Type: **AXC(A)** __ __ __ - __ / __ __ -__-__-__

Dimensions (connection dia./length)	[mm]	_____
Weight: (without accessories)	[kg]	_____

Accessories:

Sound attenuator	RSA	_____
Non return damper (self acting)	LRK	_____
Set (2 pieces) mounting feet, horizontal assembly	MFA	_____
Set (4 pieces) mounting bracket, vertical assembly	MP	_____
Set (4 pieces) AV rubber mounts	SD	_____
Set (4 pieces) AV spring mounts	FSD	_____
Flexible connection	EV-AXC	_____
Counter flange	GFL	_____
Inlet cone	ESD-F	_____
Protection guard for inlet cone	SG	_____
Protection guard	SG	_____
On- / Off- switch	REV	_____

www.systemair.com

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Jalan Kusta, 13 1/2 Miles, 47000 Sungai Buloh,
Selangor D. E., Malaysia.

AF0412-001