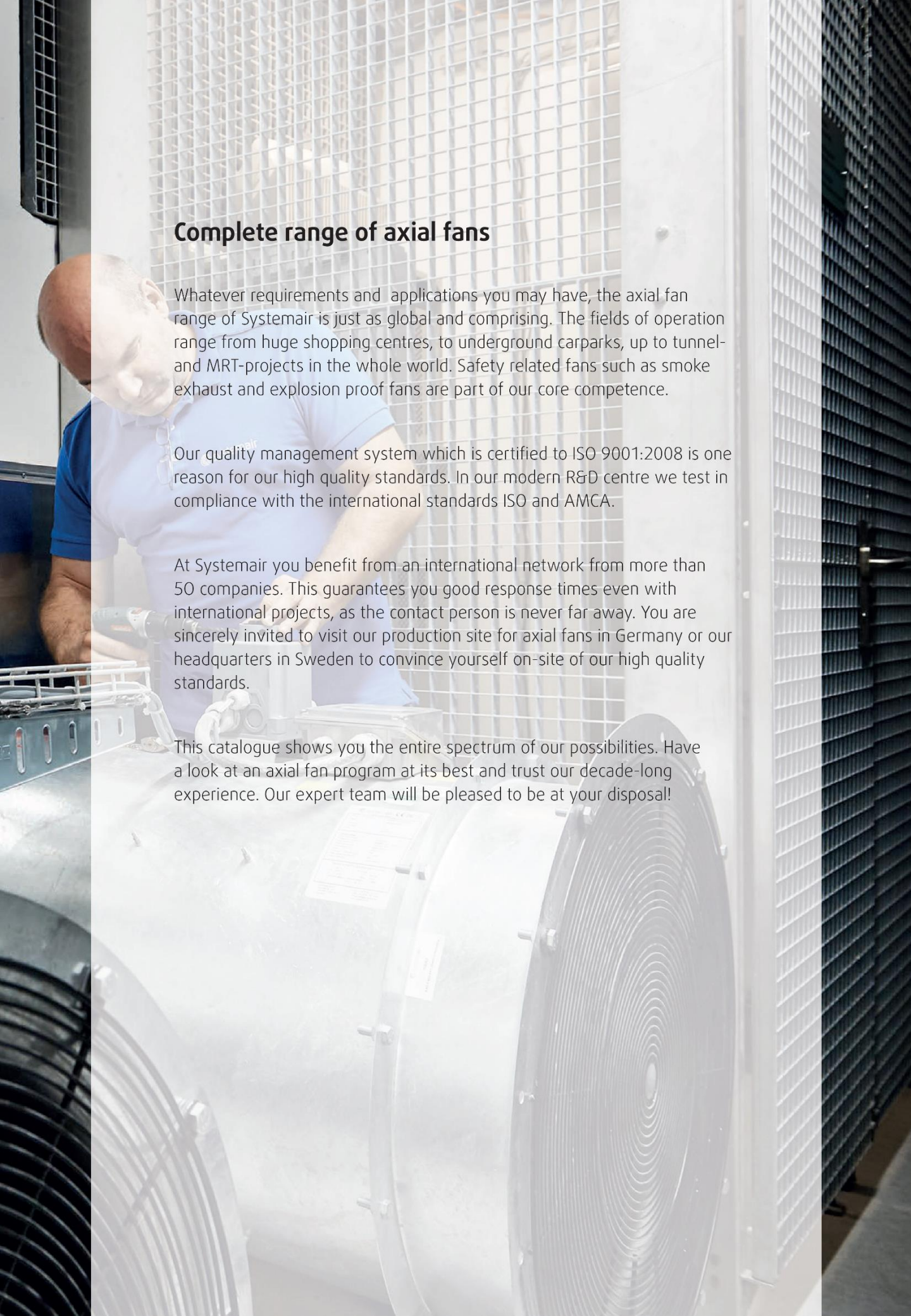


Fans

Axial Fan



A man in a blue polo shirt is working on a large industrial axial fan. The fan has a prominent metal mesh guard. The background shows a grid-like structure, possibly part of a ventilation system. The overall scene is industrial and technical.

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!



Disclose the secret of fresh air!

Since 1974 Systemair cares for the purity of an essential resource. Today Systemair is one of the leading ventilation companies worldwide. A success story, which started in Skinnskatteberg, Sweden, with the invention of the inline duct fan. This invention revolutionised the ventilation world.

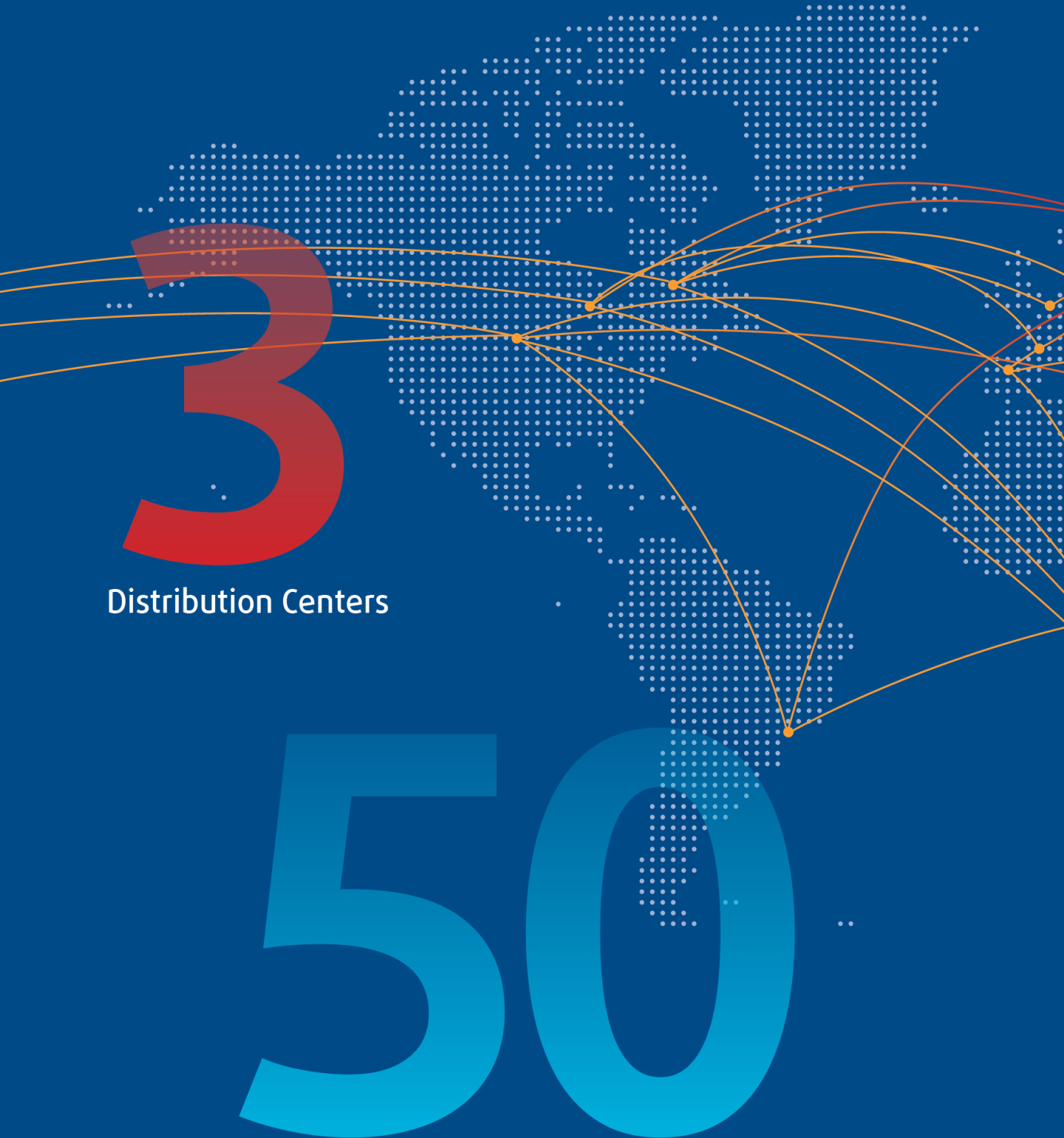
Since then the company has continuously advanced and now offers a comprehensive range of products for all ventilation and air conditioning requirements. The experts of Systemair know the conditions and see the point whatever you need - the ventilation concept of a shopping centre,

domestic ventilation of a single family house or the ventilation of tunnels and metro stations. Over 6300 employees in more than 65 subsidiaries and 50 countries are available for the essential proximity to the customers.



This brochure presents the wide range of our medium pressure axial fans. For further information about our axial fan range and all the other Systemair products you can contact our experts in your local Systemair company or you can just visit our online catalogue on www.systemair.com.

Systemair around the globe



3

Distribution Centers

50

Countries with Sales Subsidiaries



Always
close to you!

AXC(A) Axial fans

Standard features:

- Aerofoil impeller with adjustable pitch angle
- Die cast aluminium hub and blades
- Lang 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 offers 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 and AMCA 210 in a laboratory accredited by AMCA. High temperature testing at Technical University Munich, Germany.

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.



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.



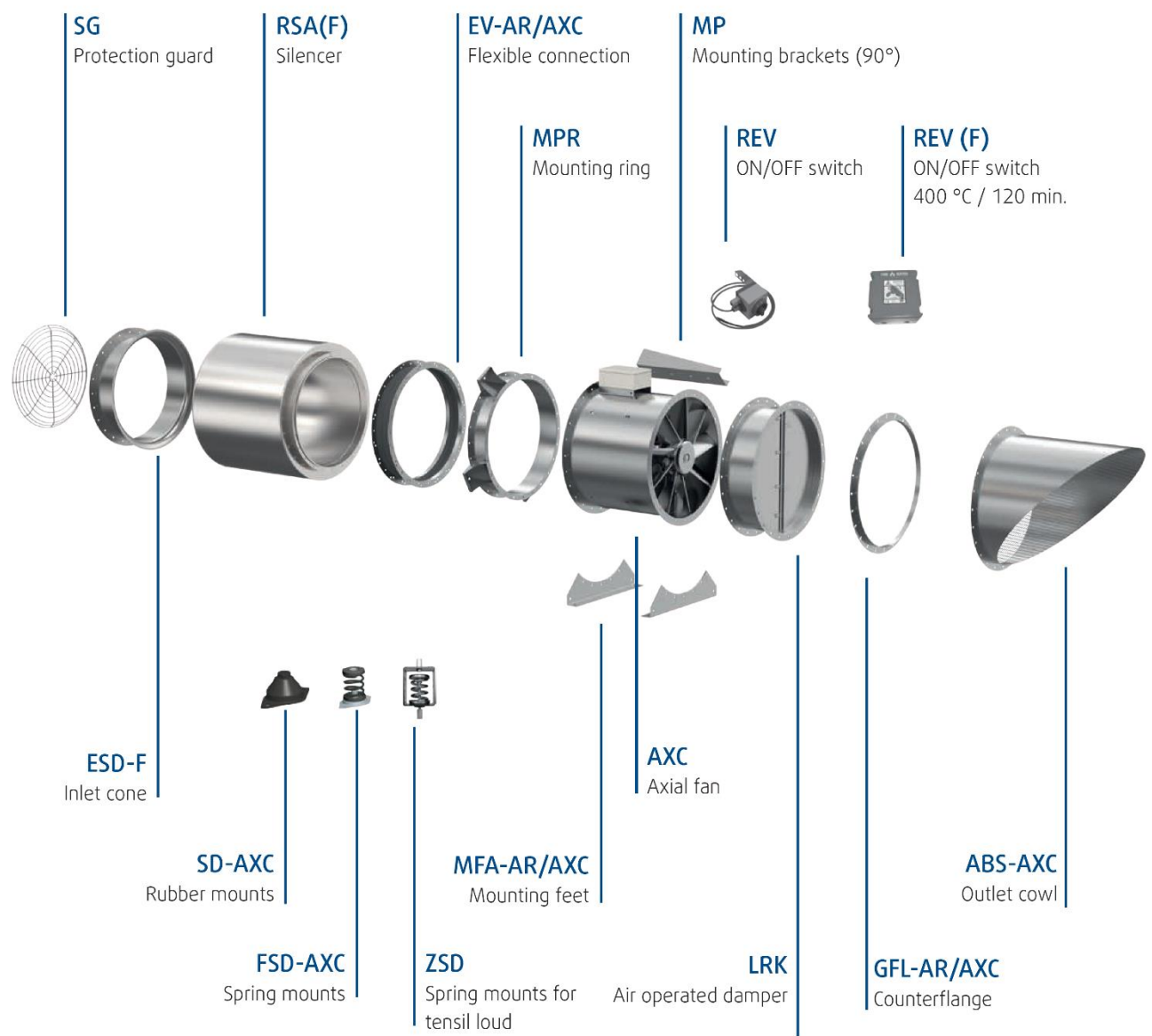
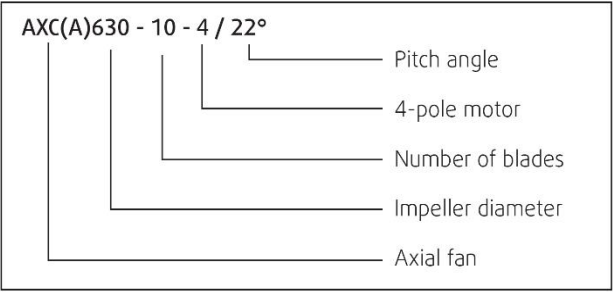
CERT NO: 2009-2-1779
ISO ratings Program 001:2008

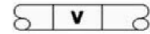


The AMCA Certified Ratings Seal applies to air performance and sound for Model AXC(A) 315 to AXC(A) 1600 only.

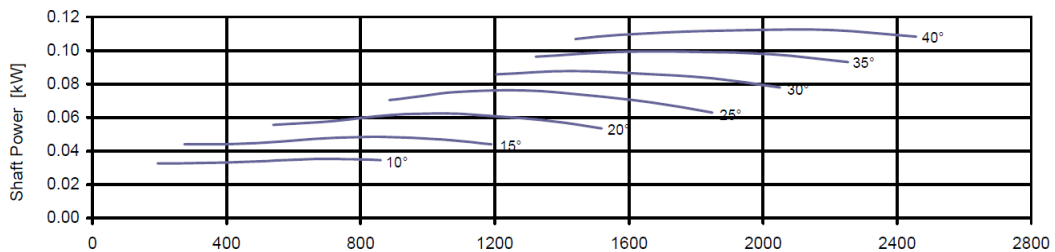
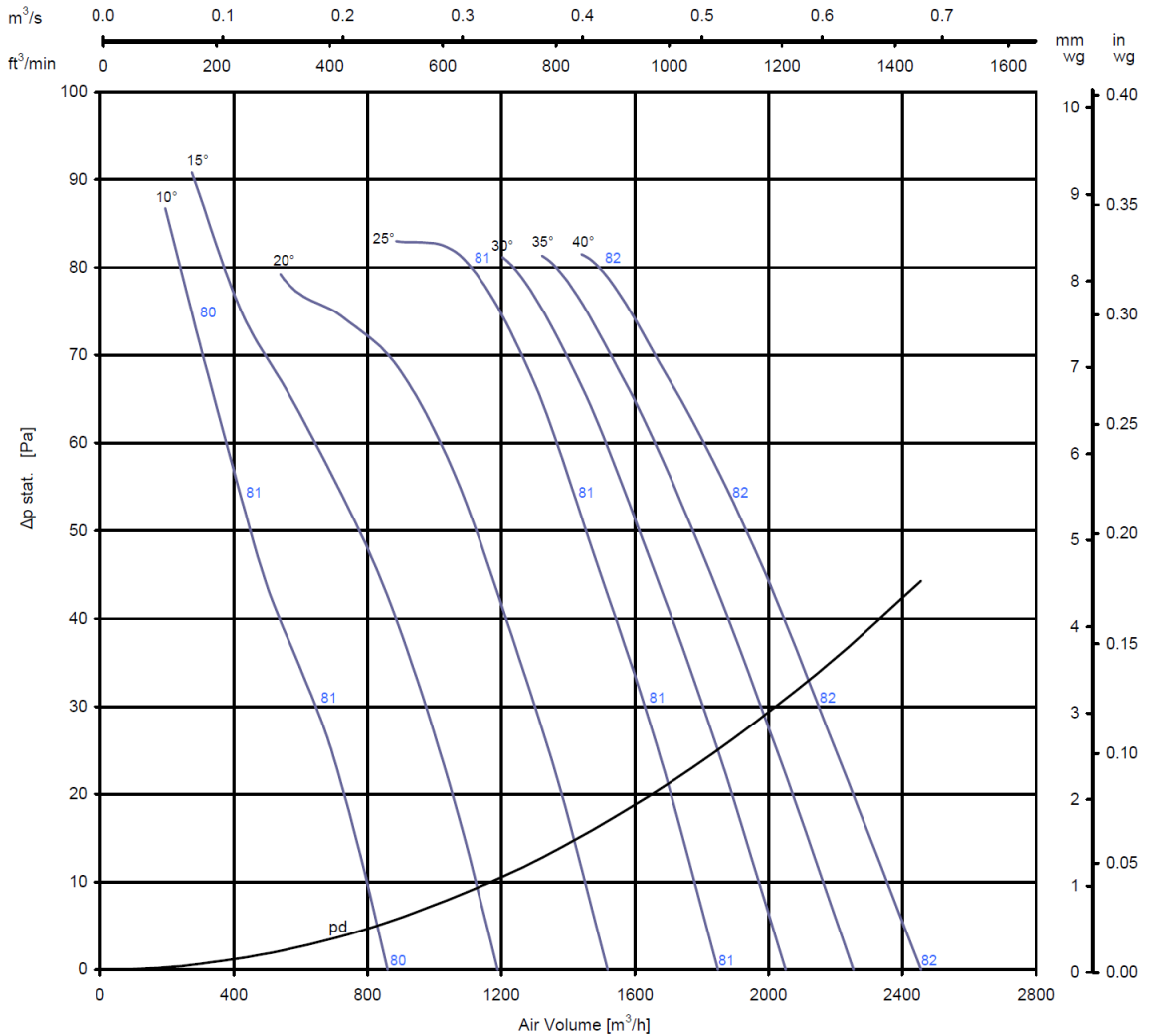
The AMCA Certified Seal applies to FEG for models AXC(A) 1400 to AXC(A) 1600 only.

Fan installations with accessories





Axial Fan
Hub : 150mm



SOUND DATA

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

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<40	-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

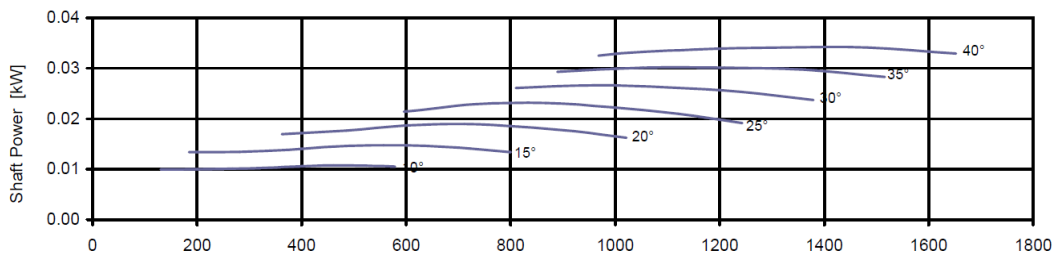
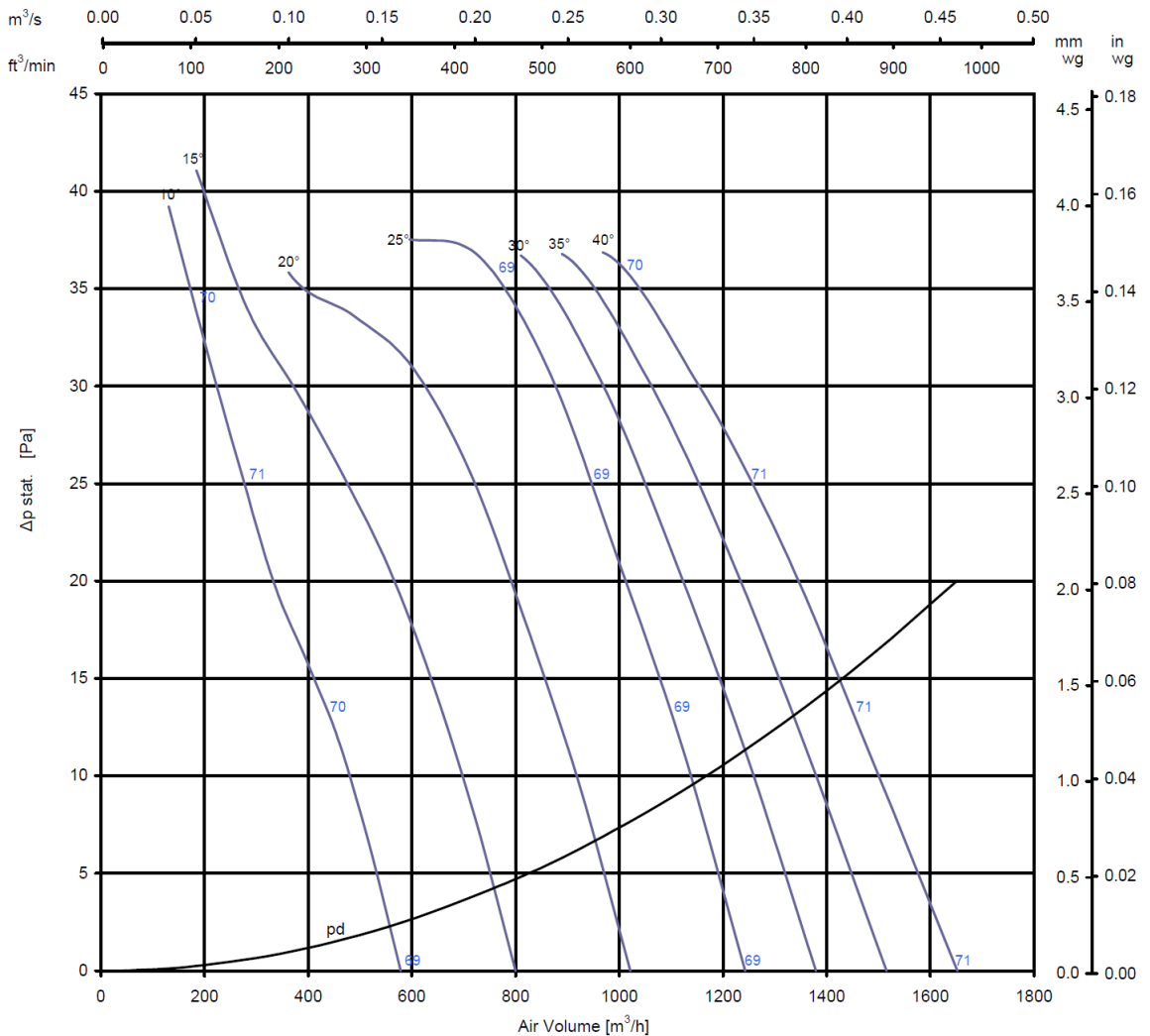
AMCA 210, ISO 5801:2007 - $\rho = 1.2 \text{ kg/m}^3$, 20°C, 1013hPa



- Performance certified 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.



Axial Fan
Hub : 150mm



SOUND DATA

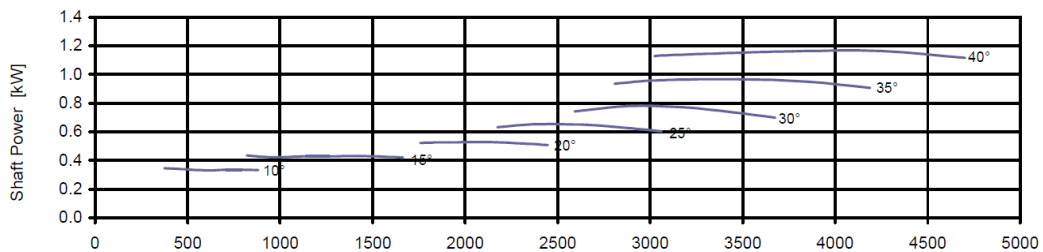
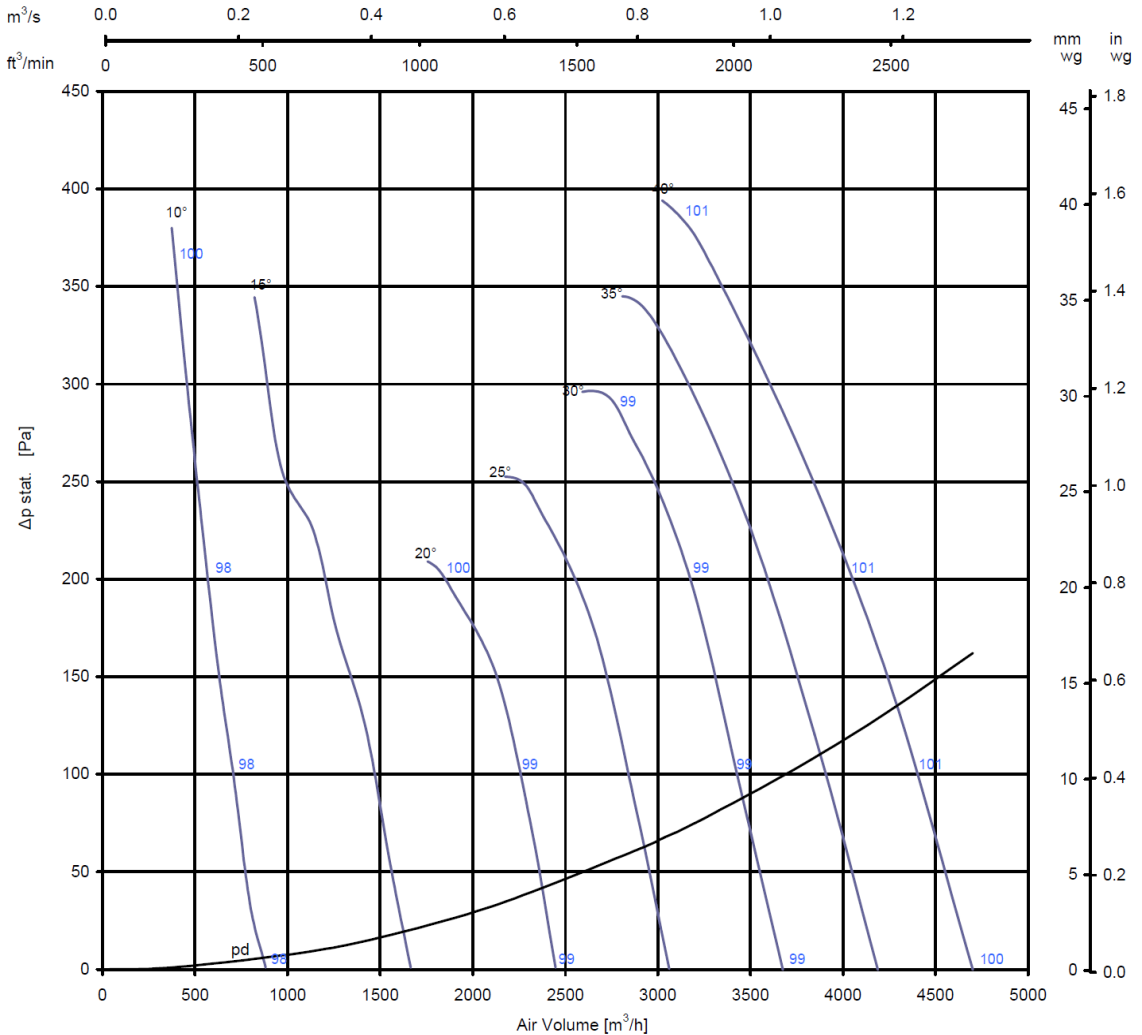
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

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

AMCA 210, ISO 5801:2007 - p = 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



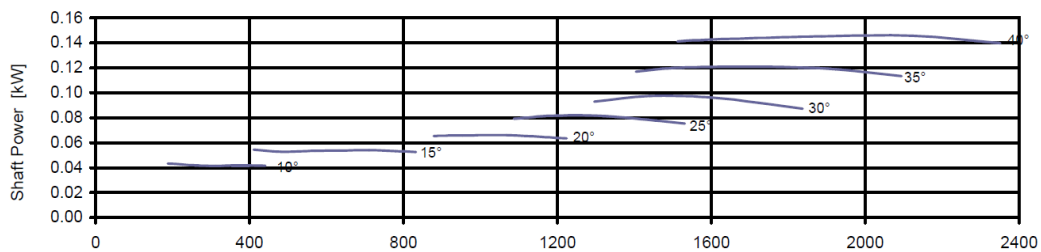
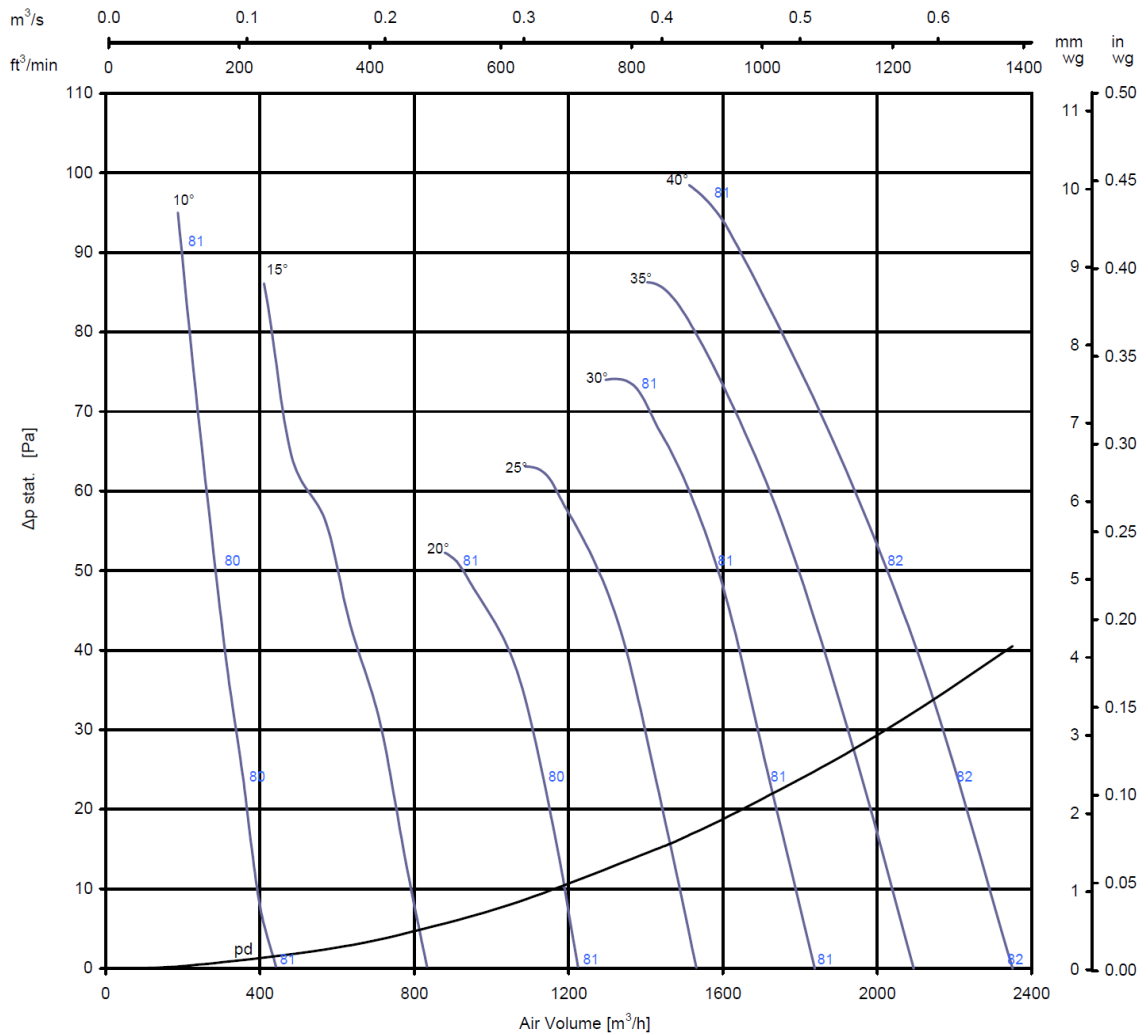
SOUND DATA

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°	<150	-2	-5	-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



- Performance certified 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.



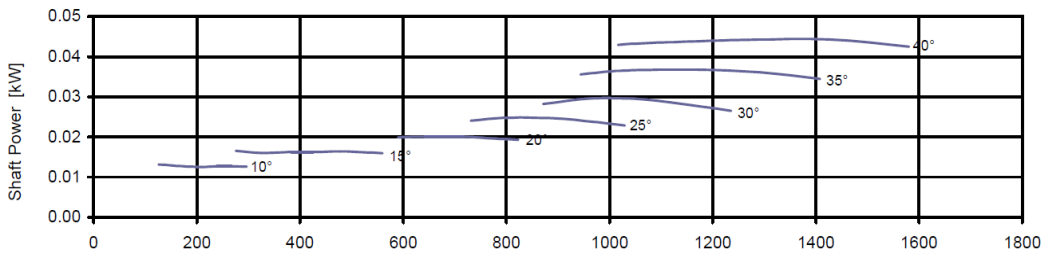
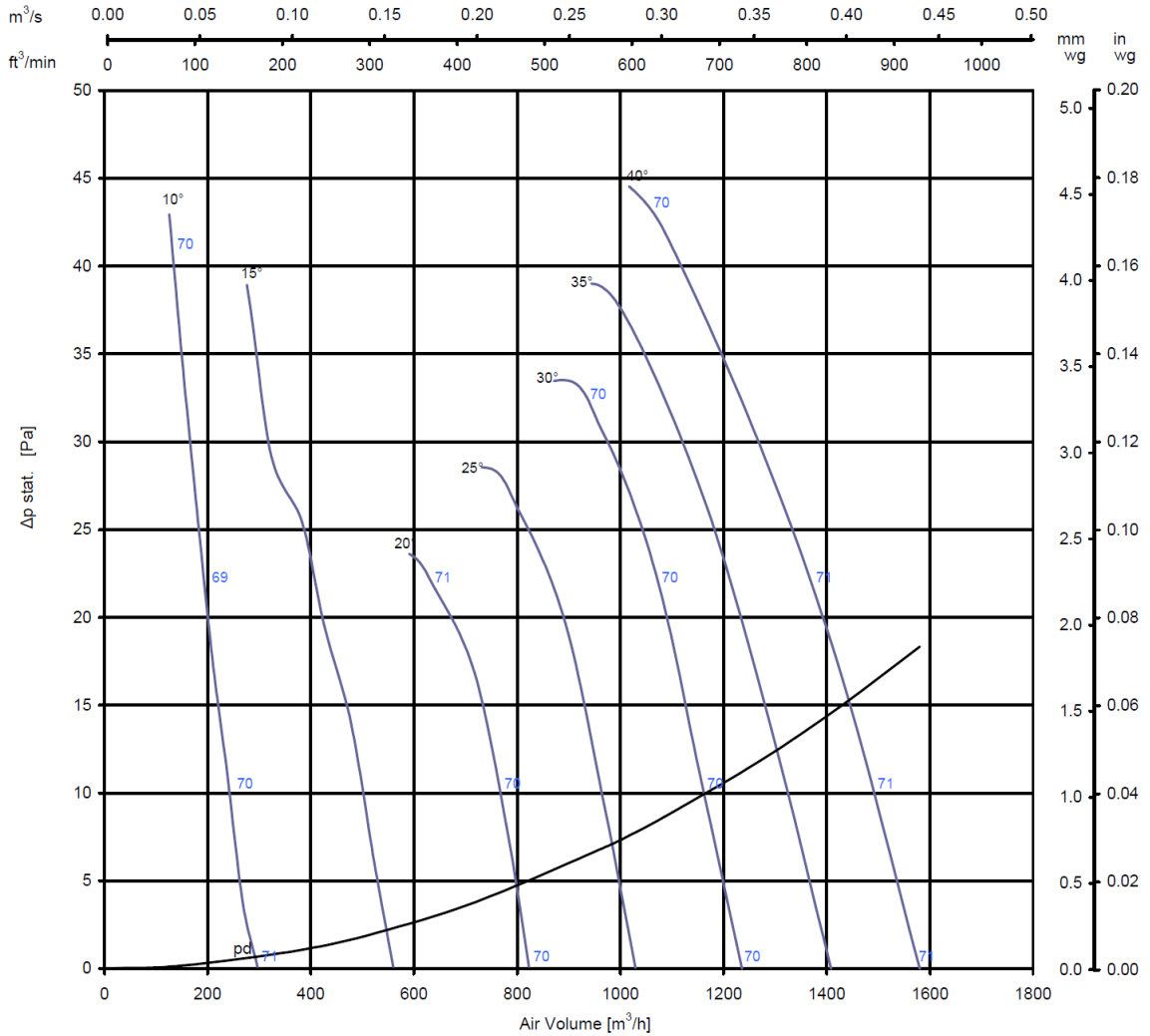
SOUND DATA

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.

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



- 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.



SOUND DATA

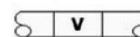
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<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

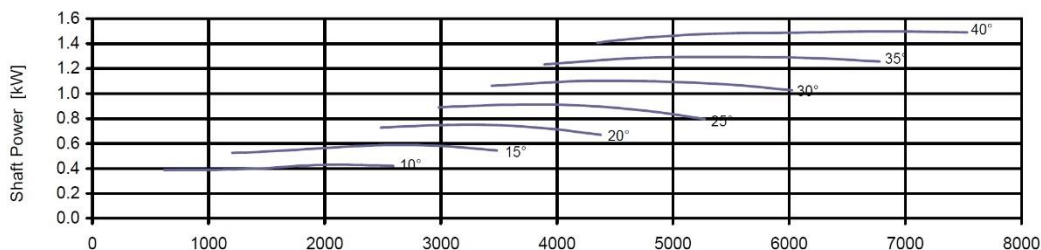
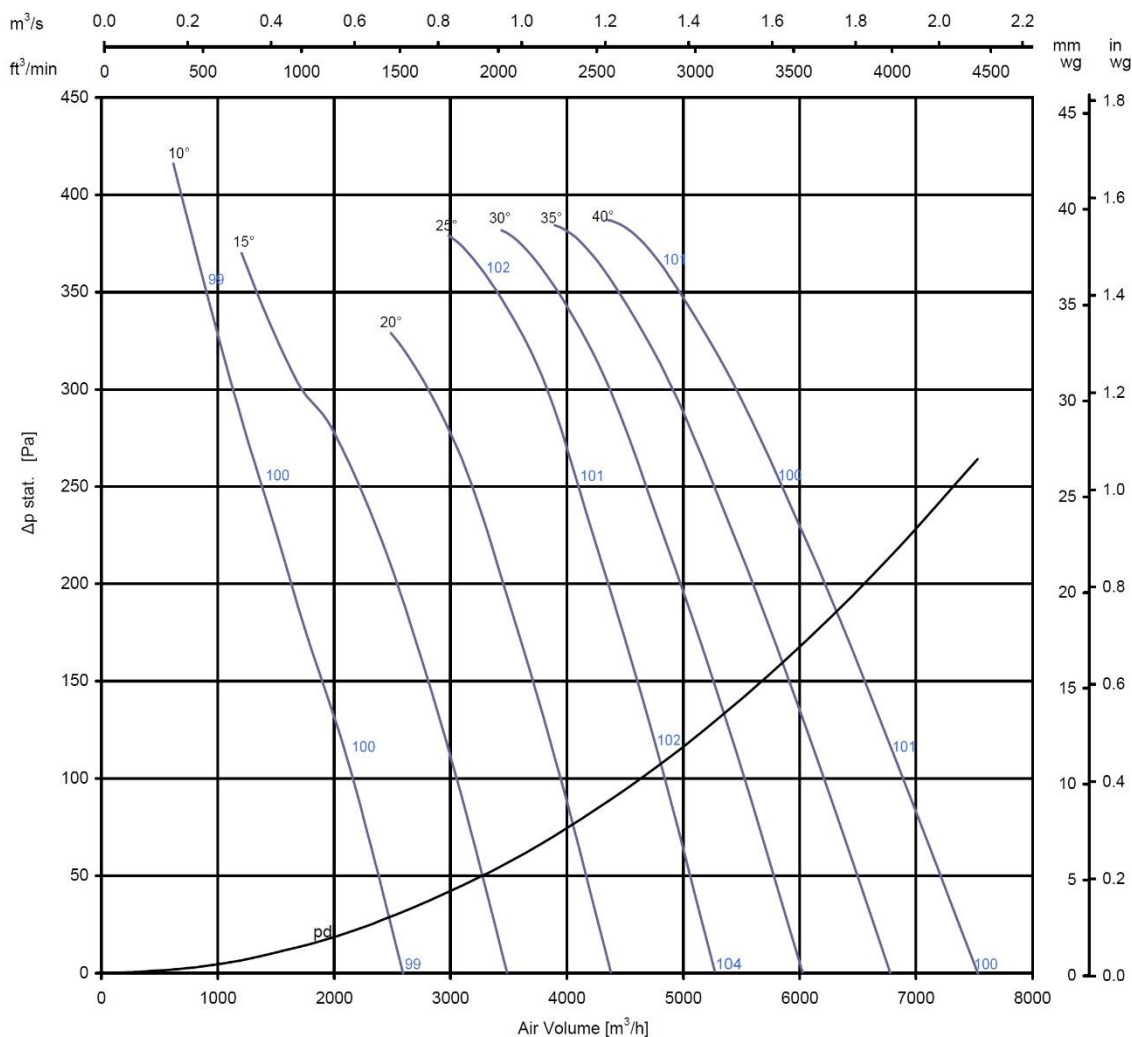
AMCA 210, ISO 5801:2007 - $p = 1.2 kg/m^3$, 20°C, 1013hPa



- Performance certified 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.



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.

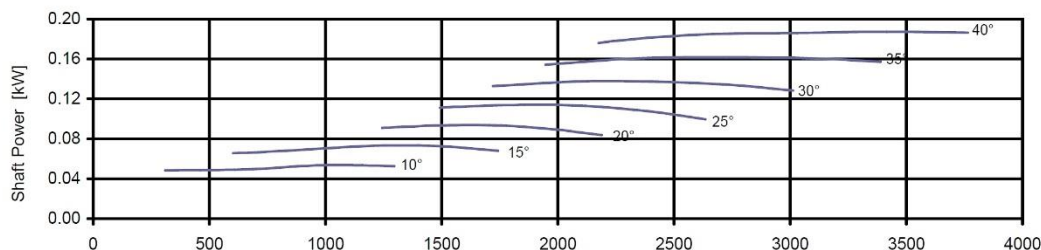
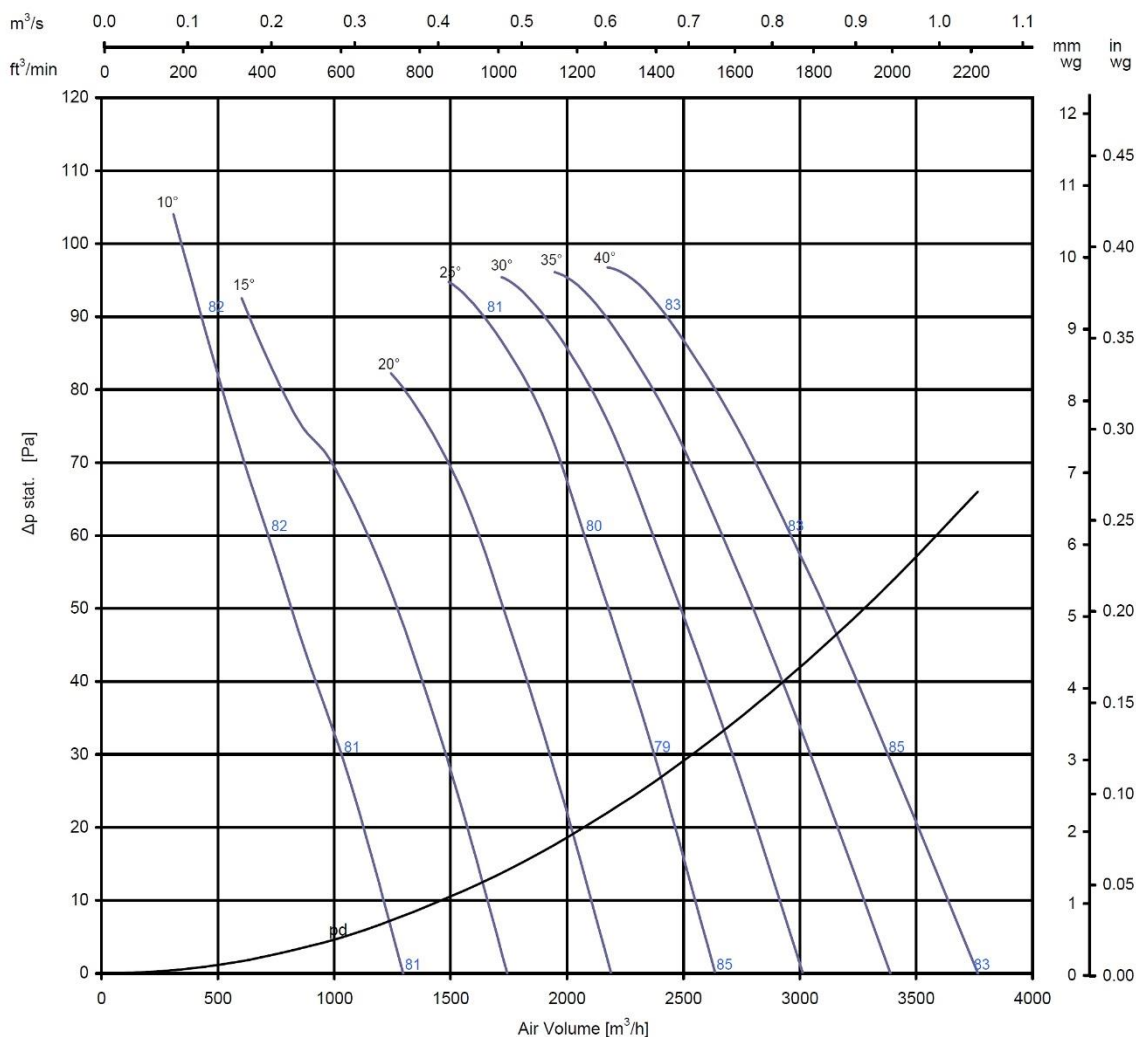
		Inlet Levels							
Pitch Angle	$\Delta P_{stat.}$ [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<200	-3	-7	-8	-10	-10	-15	-20	-26
	<360	-3	-6	-5	-12	-12	-19	-24	-28
25°	<200	-2	-5	-15	-20	-20	-23	-25	-20
	<360	-1	-8	-16	-19	-20	-22	-23	-17
40°	<200	-5	-2	-8	-10	-11	-15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



- Performance certified 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



Axial Fan
Hub : 150mm



SOUND DATA

Single figure on performance curves are overall inlet Lw_i 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.

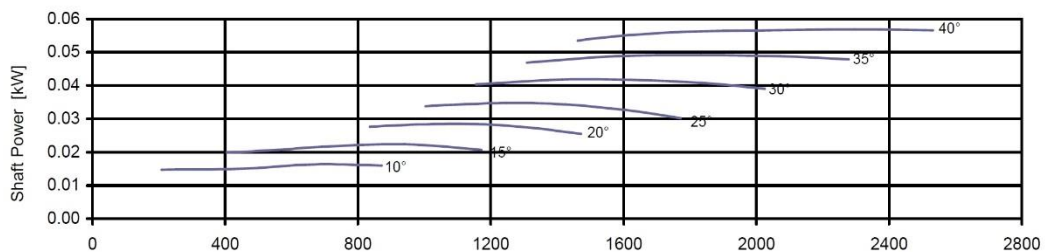
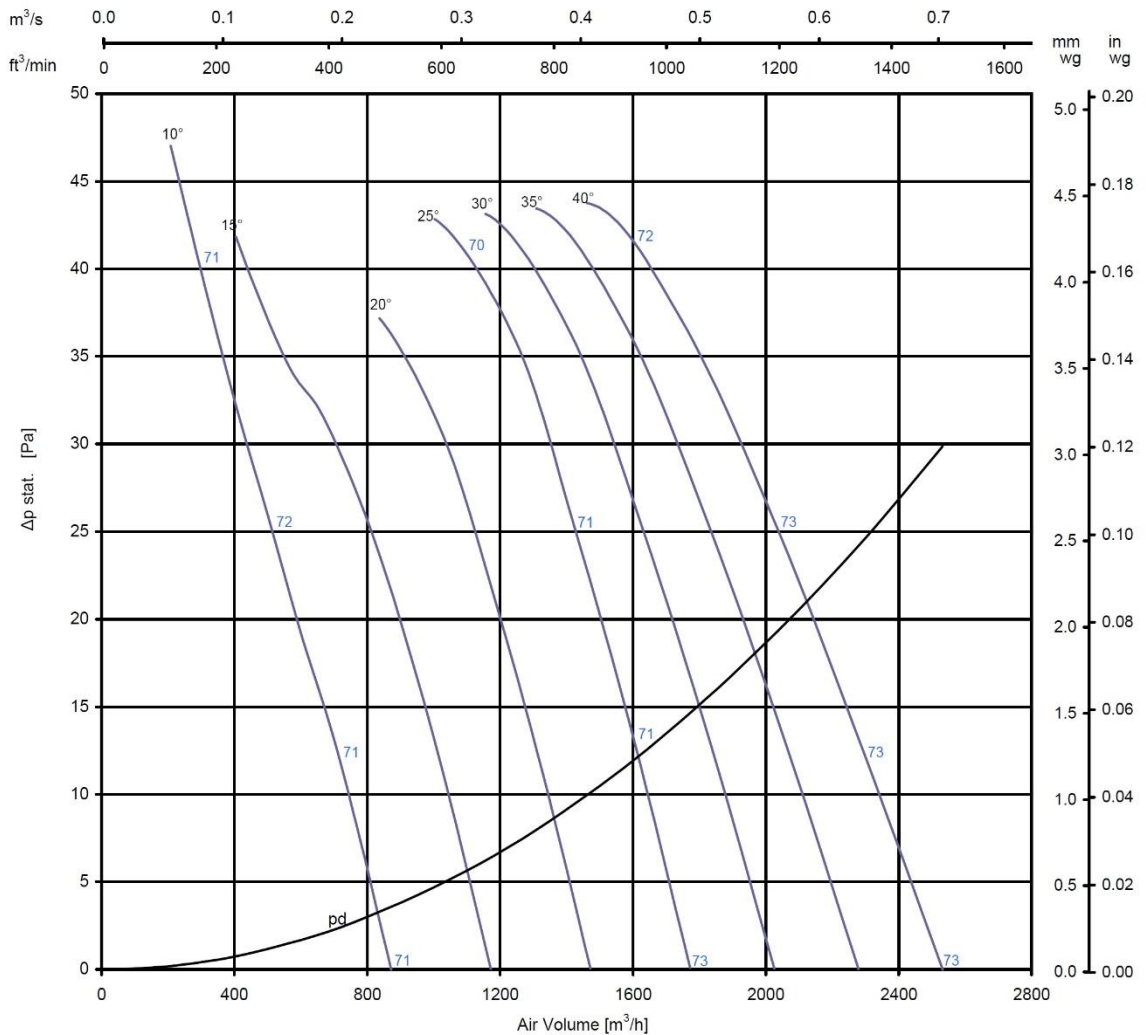
Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-4	-8	-7	-6	-12	-17	-23	-29
	<90	-4	-3	-10	-8	-15	-21	-26	-30
25°	<50	-1	-9	-12	-11	-15	-17	-12	-6
	<90	-2	-10	-13	-13	-16	-17	-13	-8
40°	<50	-2	-6	-8	-9	-13	-19	-25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



- 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 Lw_i sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



Axial Fan
Hub : 150mm



SOUND DATA

Single figure on performance curves are overall inlet Lw 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.

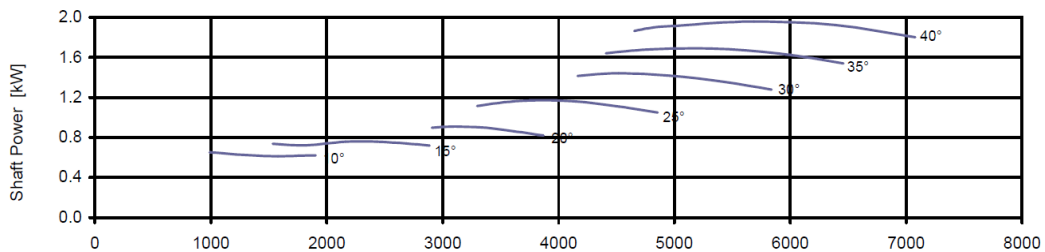
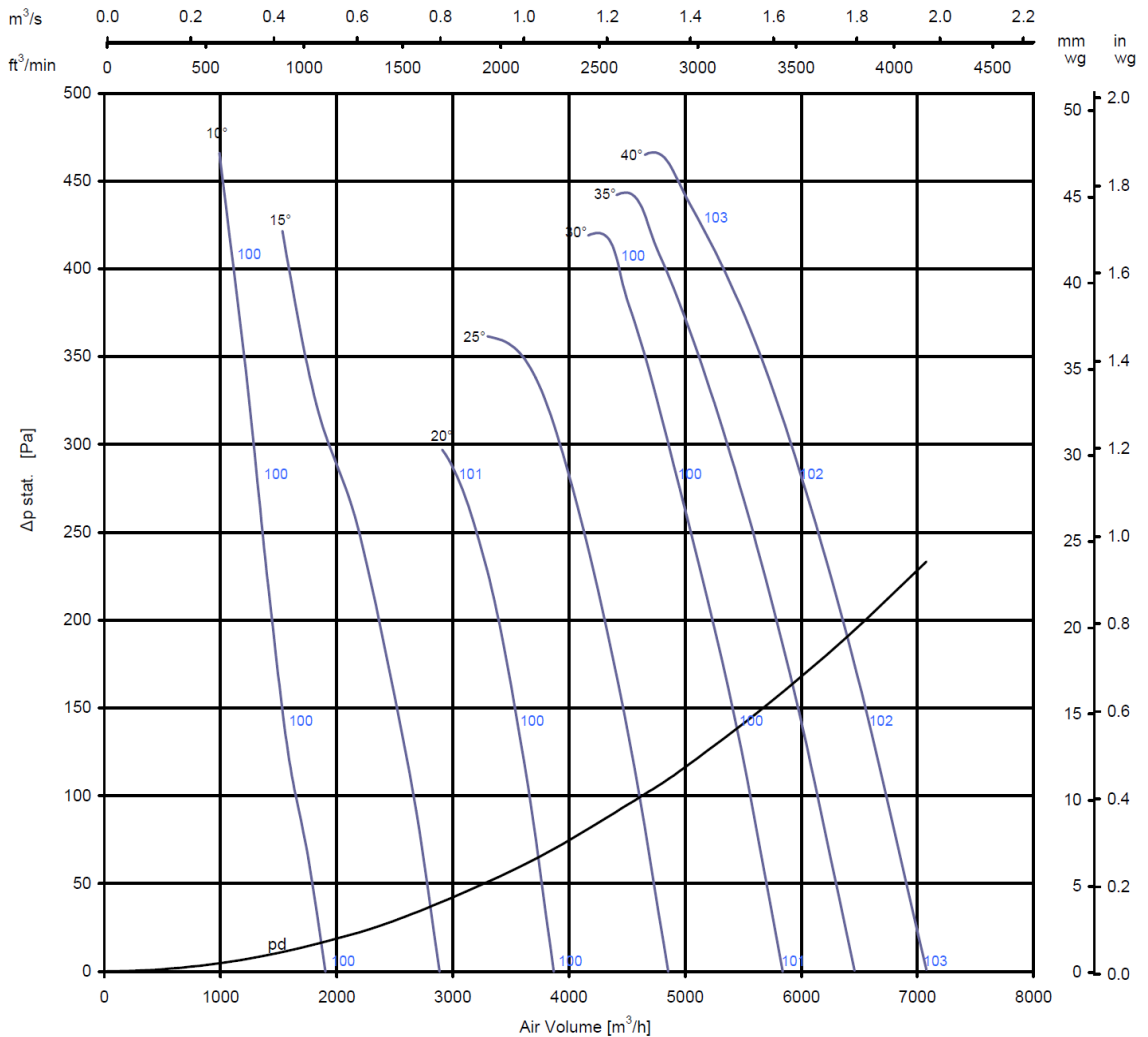
		Inlet Levels							
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<20	-6	-6	-5	-8	-13	-19	-25	-31
	<40	-2	-6	-6	-9	-16	-22	-26	-30
25°	<20	-4	-10	-12	-14	-17	-15	-9	-6
	<40	-4	-9	-11	-13	-14	-13	-6	-3
40°	<20	-3	-6	-7	-10	-15	-21	-27	-33
	<40	-4	-6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



- Performance certified 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 Lw sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction



Axial Fan
Hub : 150mm



SOUND DATA

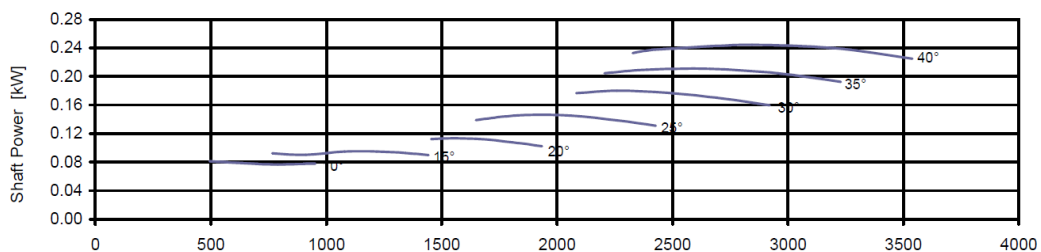
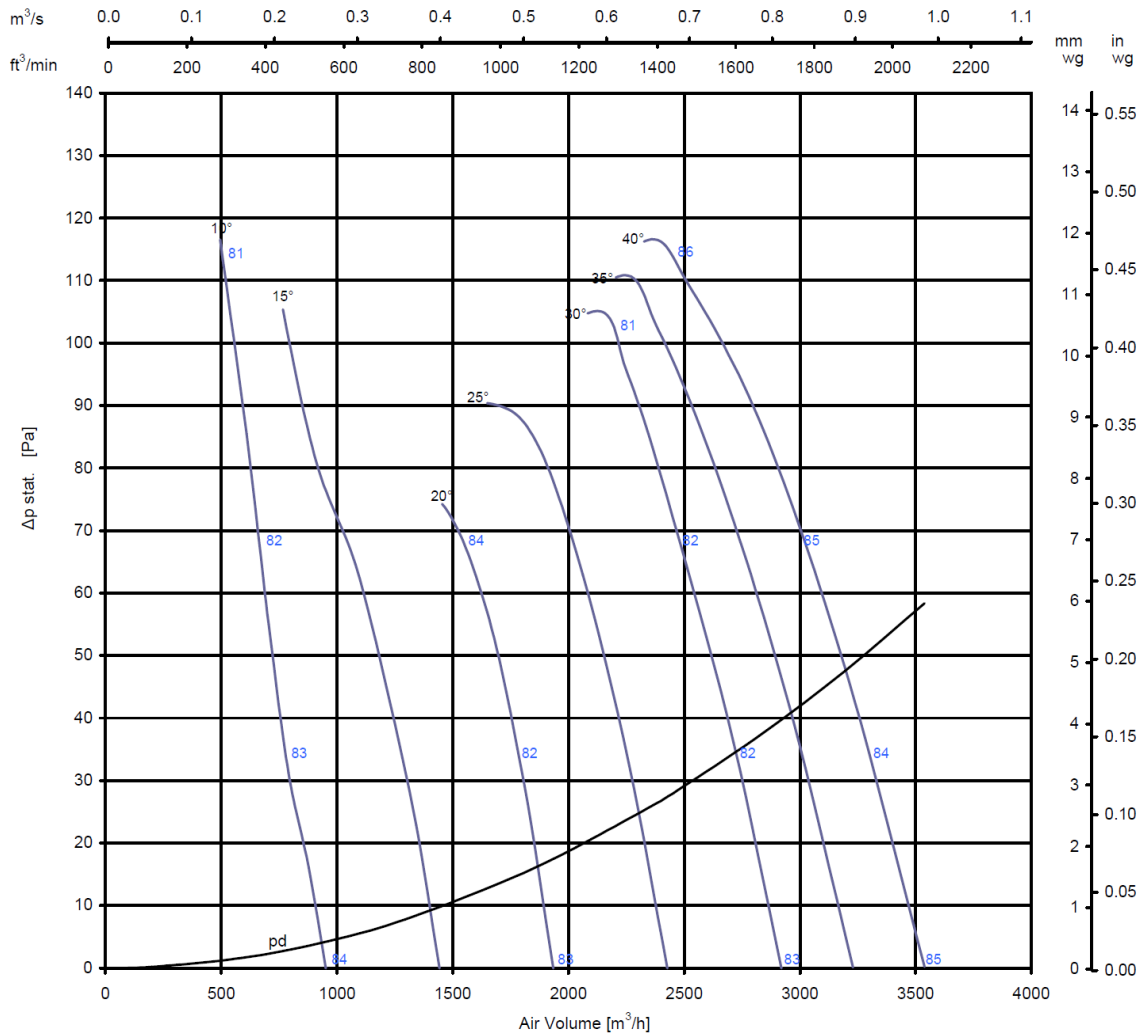
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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 - p = 1.2kg/m³, 20°C, 1013hPa



- Performance certified 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.



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.

Pitch Angle	ΔP_{stat} [Pa]	Inlet Levels							
		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

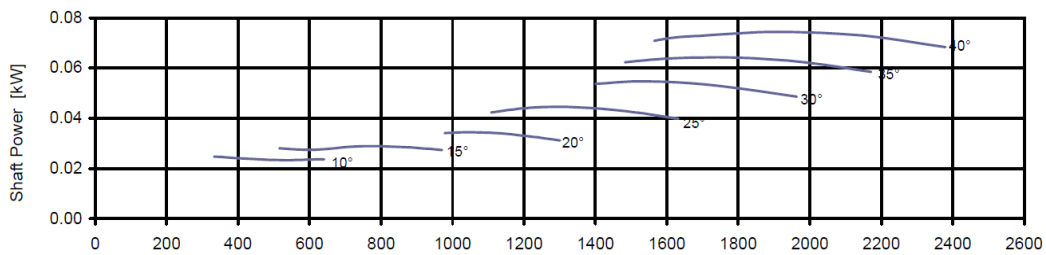
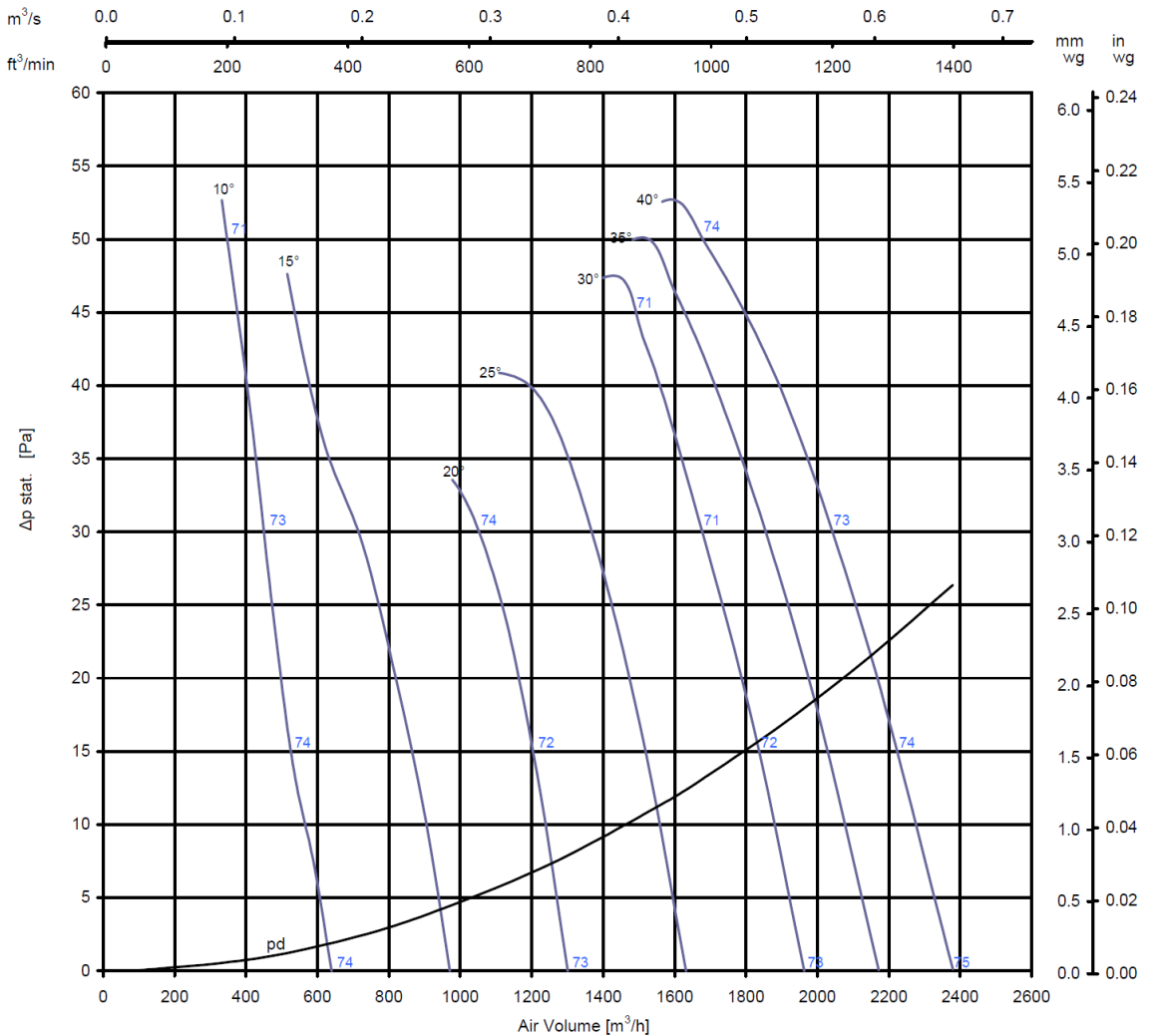
AMCA 210, ISO 5801:2007 - $p = 1.2kg/m^3$, 20°C, 1013hPa



- Performance certified 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.



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°	<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

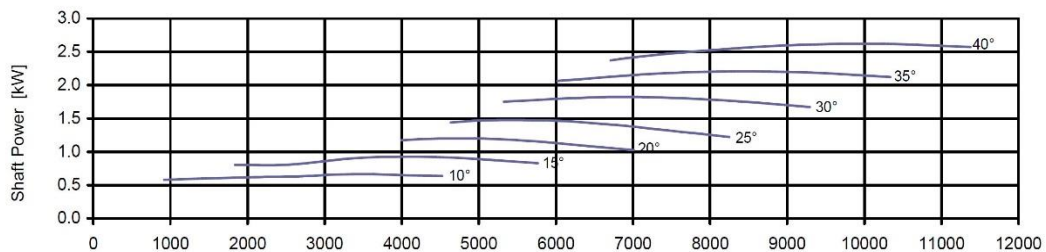
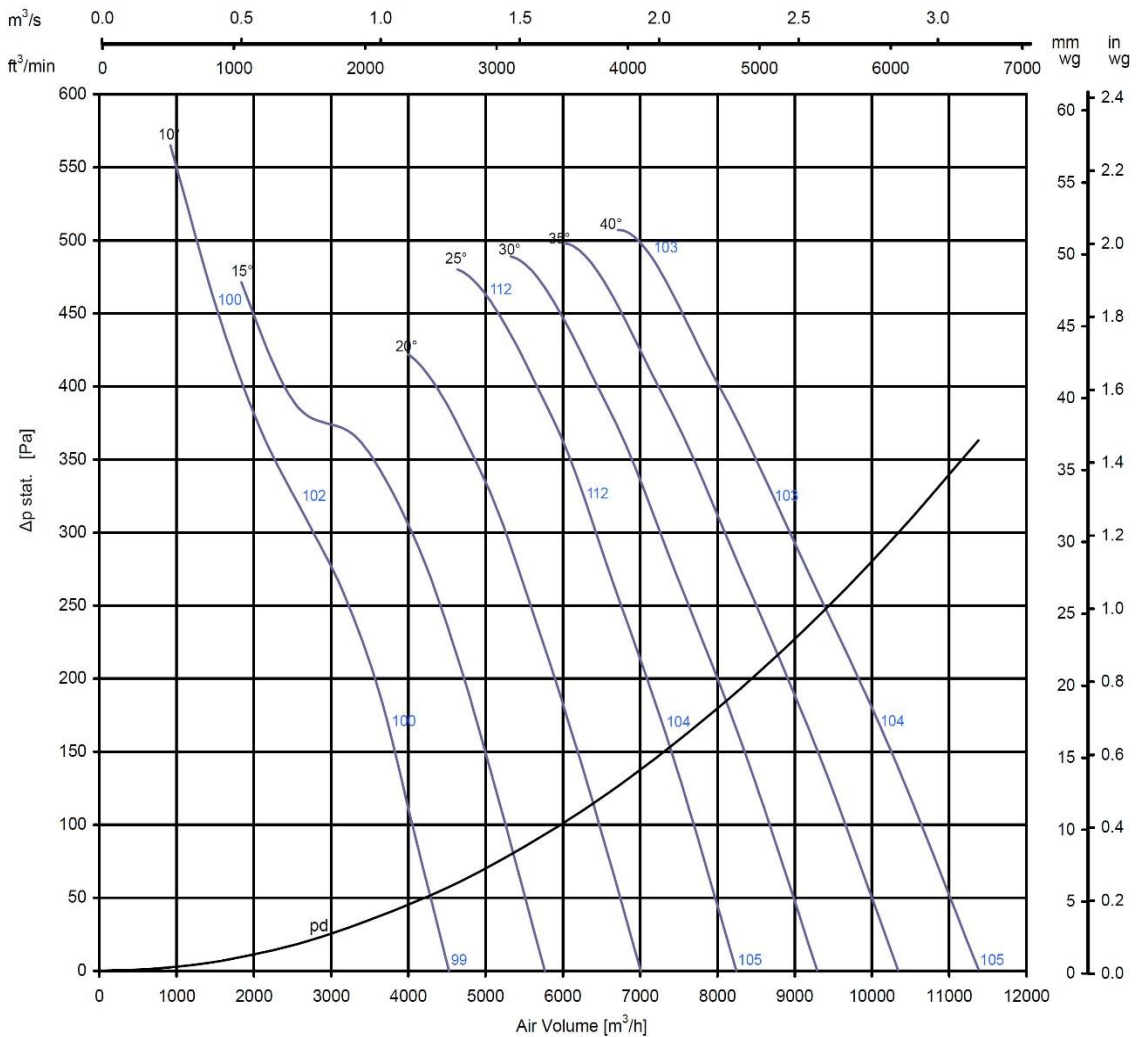
AMCA 210, ISO 5801:2007 - $\rho = 1.2 \text{ kg/m}^3$, 20°C, 1013hPa



- Performance certified 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.



Axial Fan
Hub : 150mm



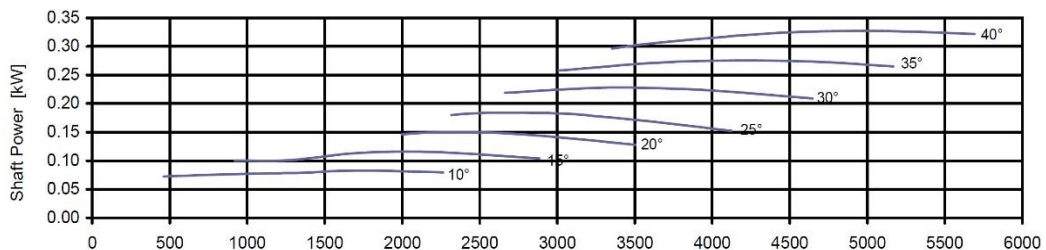
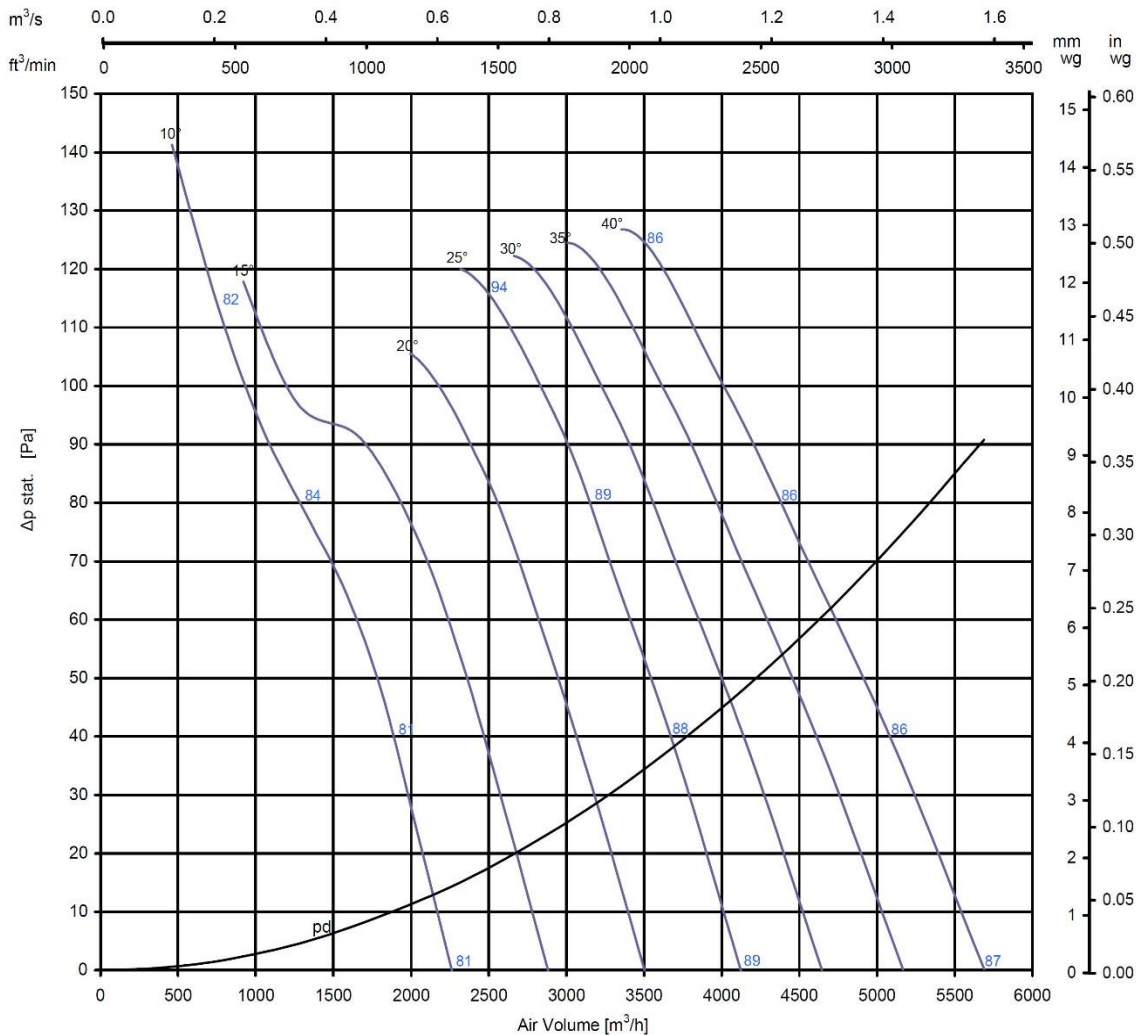
SOUND DATA

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.

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



- Performance certified 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.



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.

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



- Performance certified 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

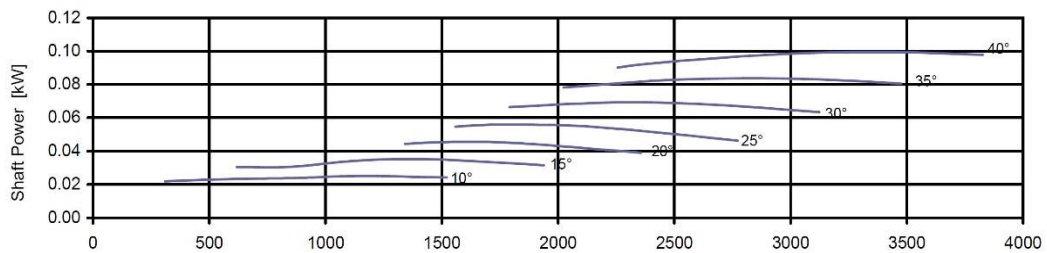
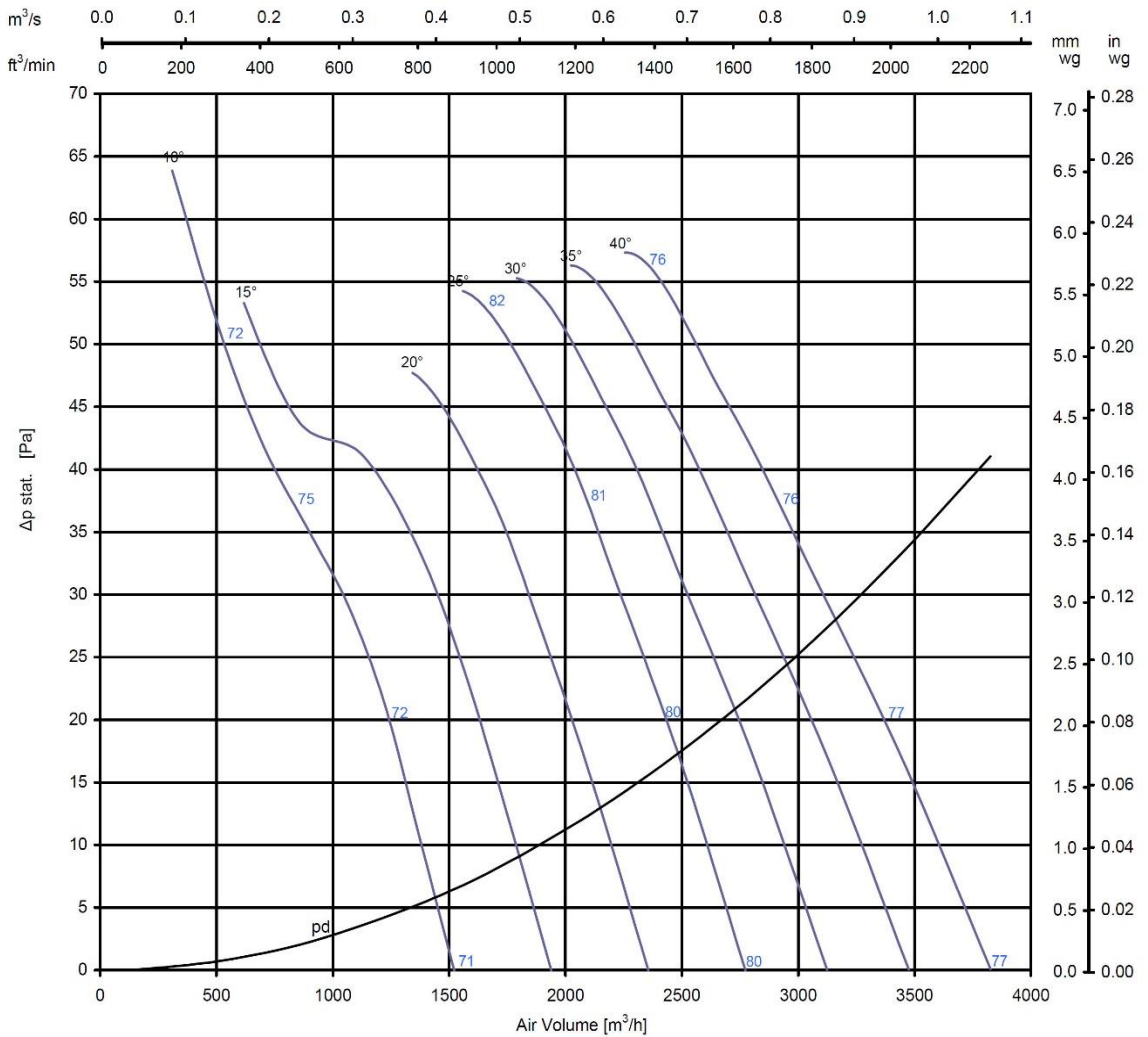
Matthews & Yates

Division

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



Axial Fan
Hub : 150mm



SOUND DATA

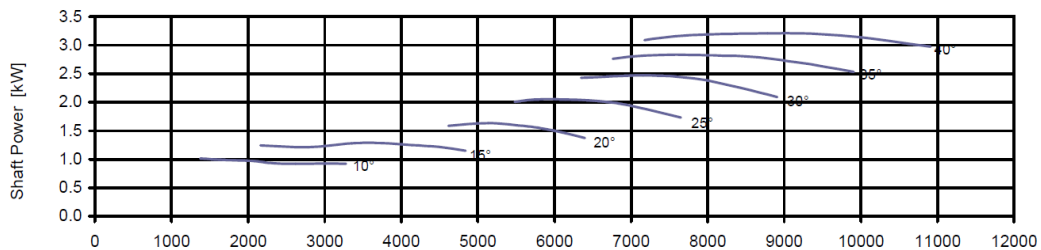
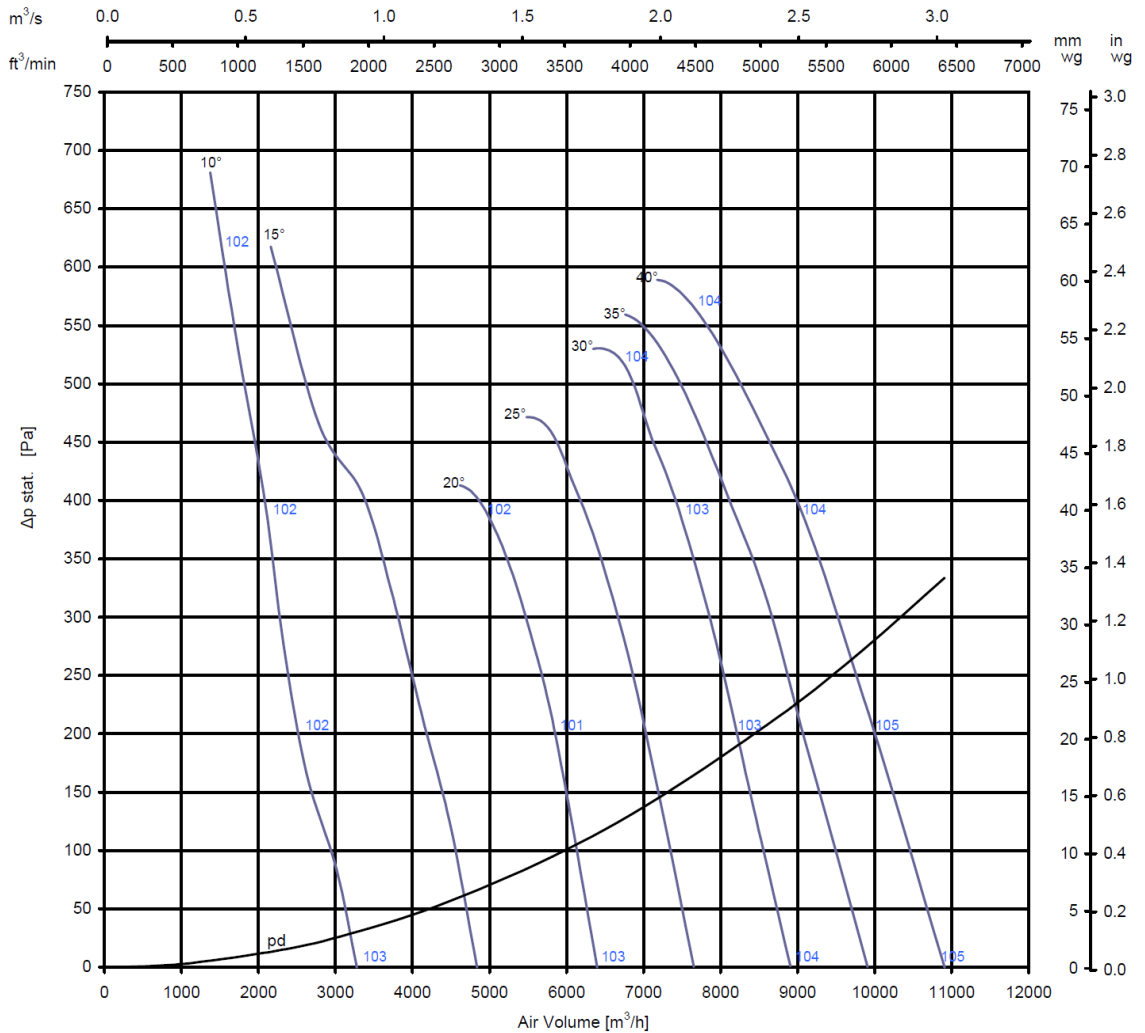
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

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



- Performance certified 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.

AMCA 210, ISO 5801:2007 - $p = 1.2 \text{ kg/m}^3$, 20°C , 1013 hPa



SOUND DATA

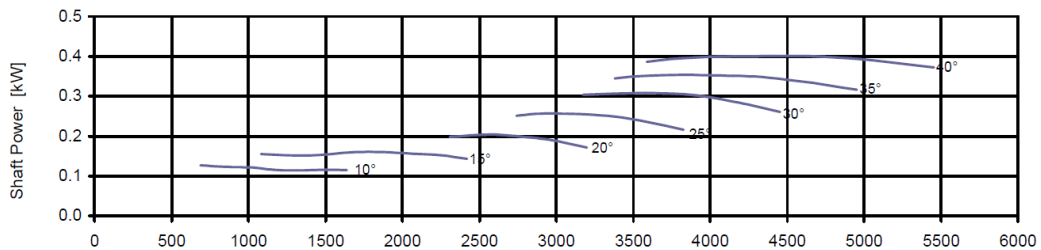
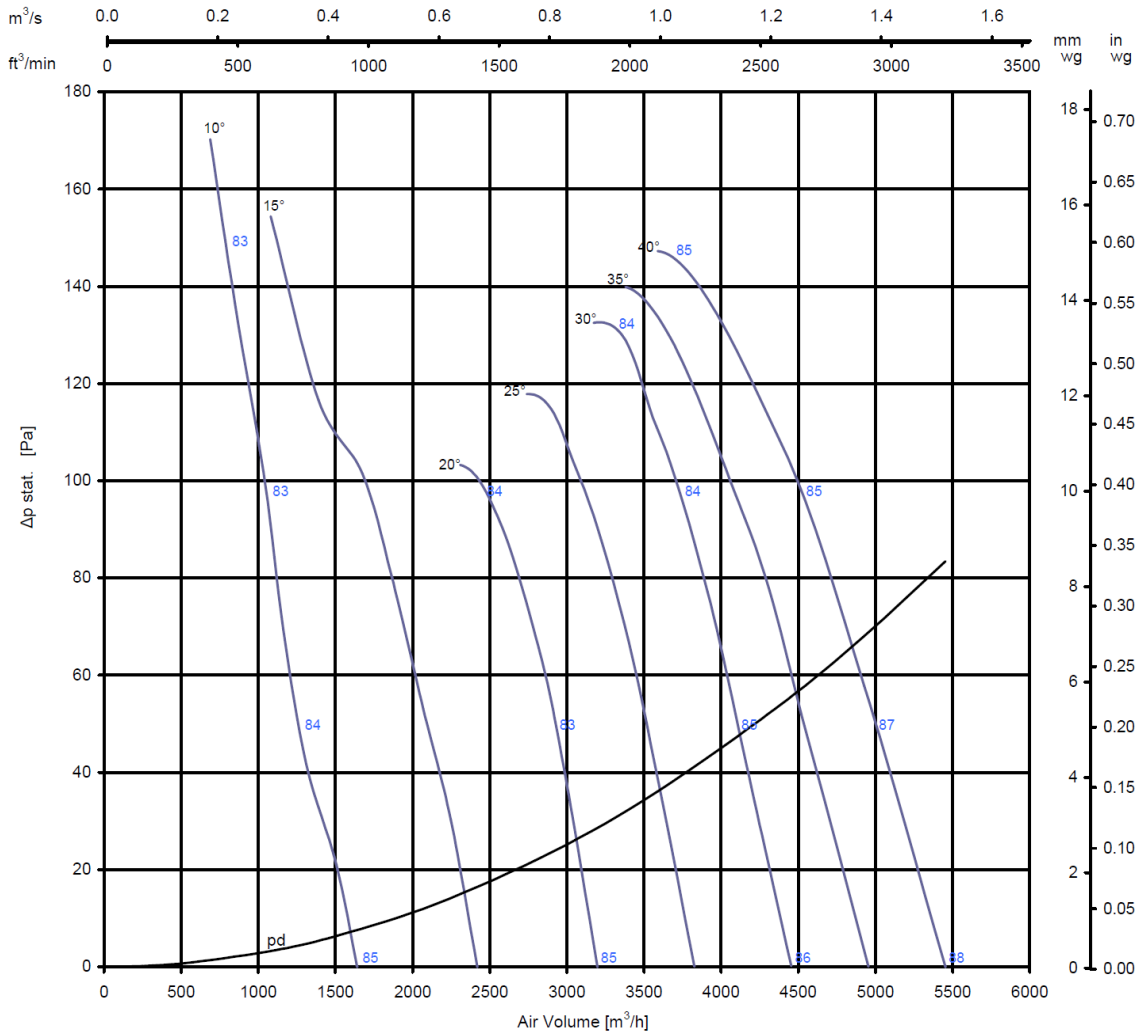
Single figure on performance curves are overall inlet LwI sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	$\Delta p_{stat.}$ [Pa]	Inlet Levels							
		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 - $p = 1.2 kg/m^3$, 20°C, 1013hPa



- Performance certified 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.



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.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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

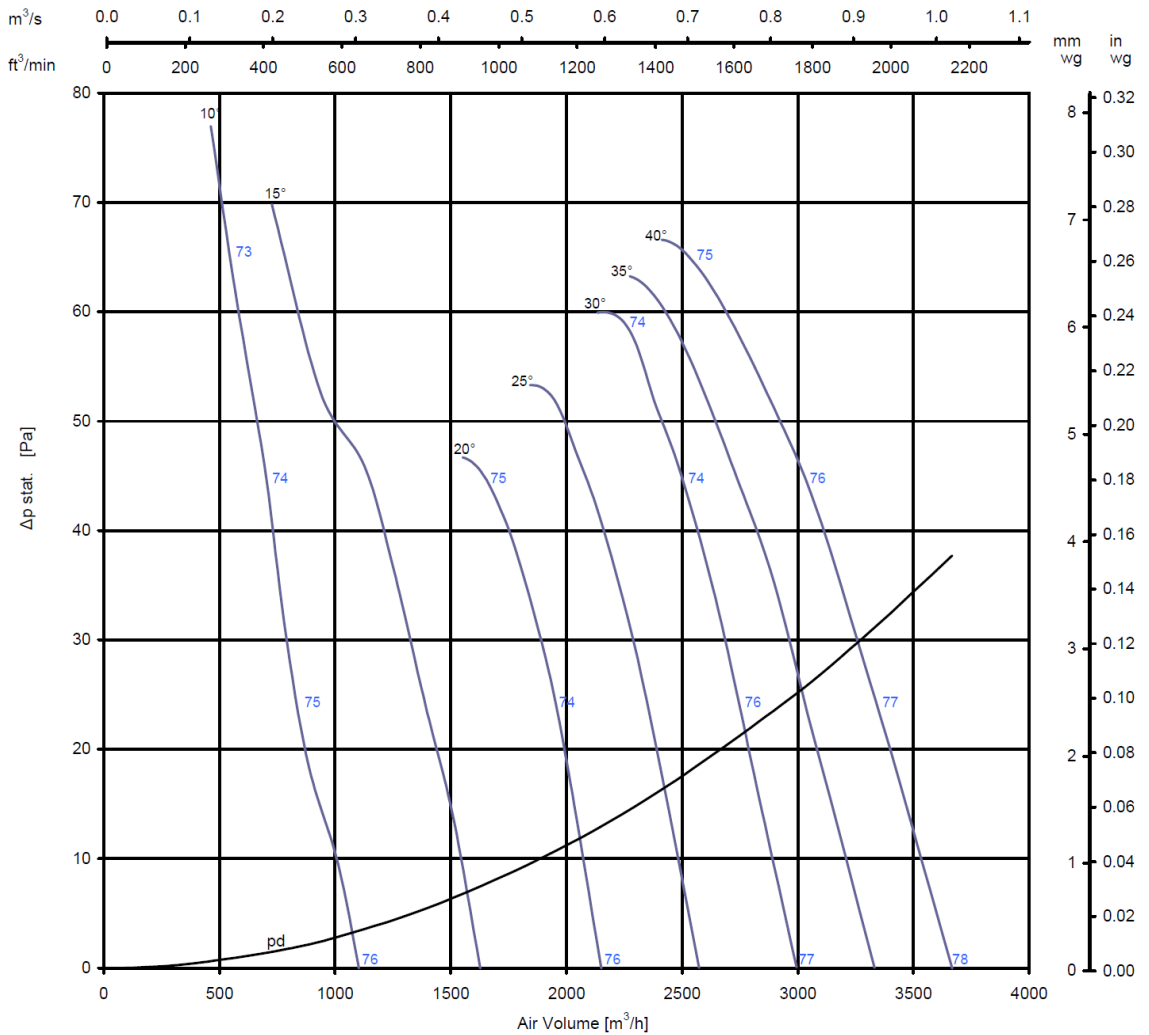
AMCA 210, ISO 5801:2007 - p = 1.2kg/m³, 20°C, 1013hPa



- Performance certified 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.



Axial Fan
Hub : 150mm



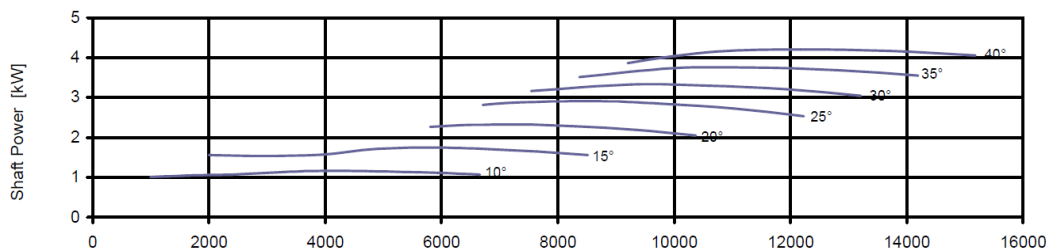
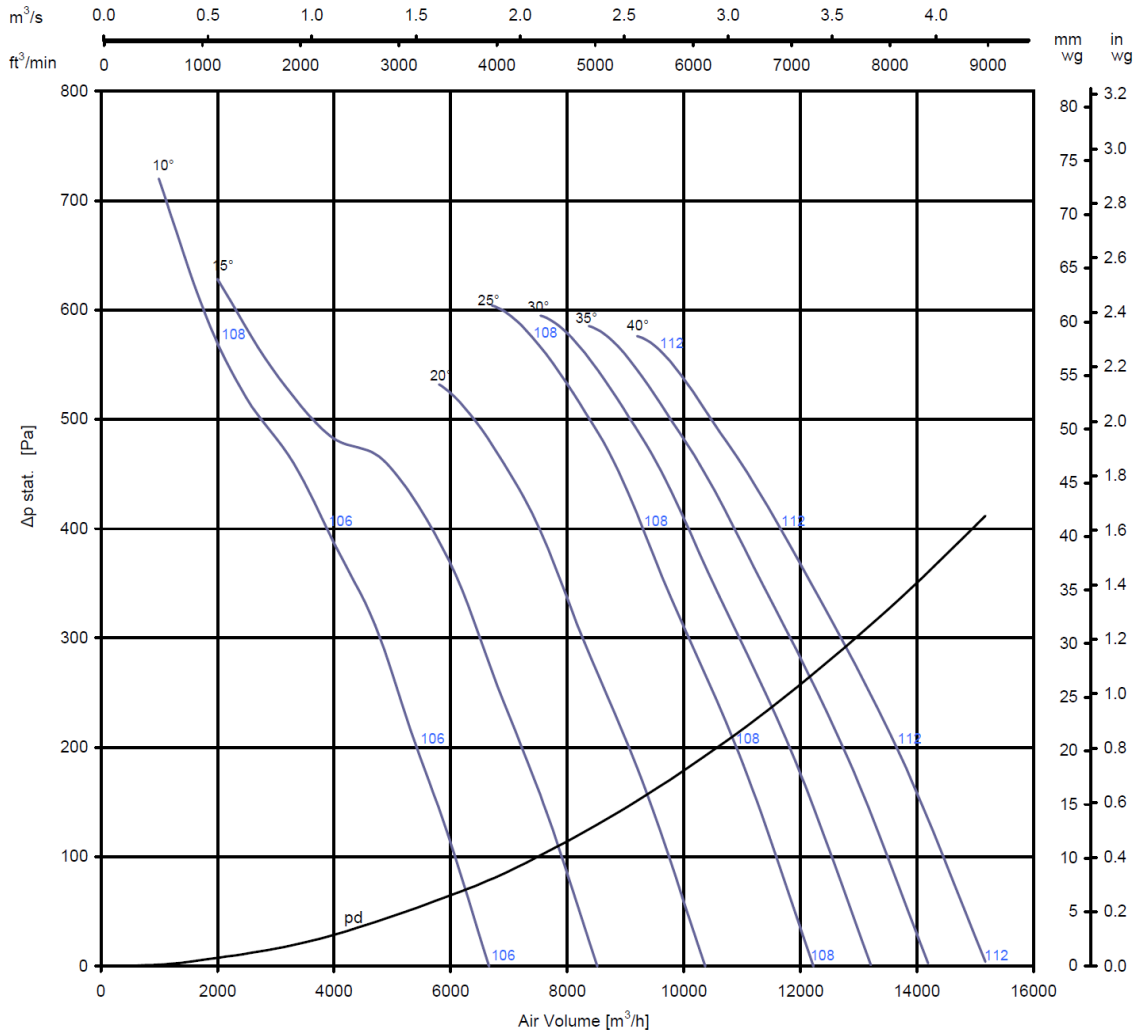
SOUND DATA

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.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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



- Performance certified 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.



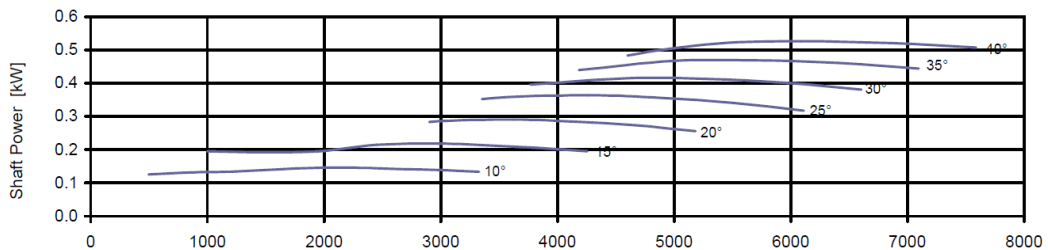
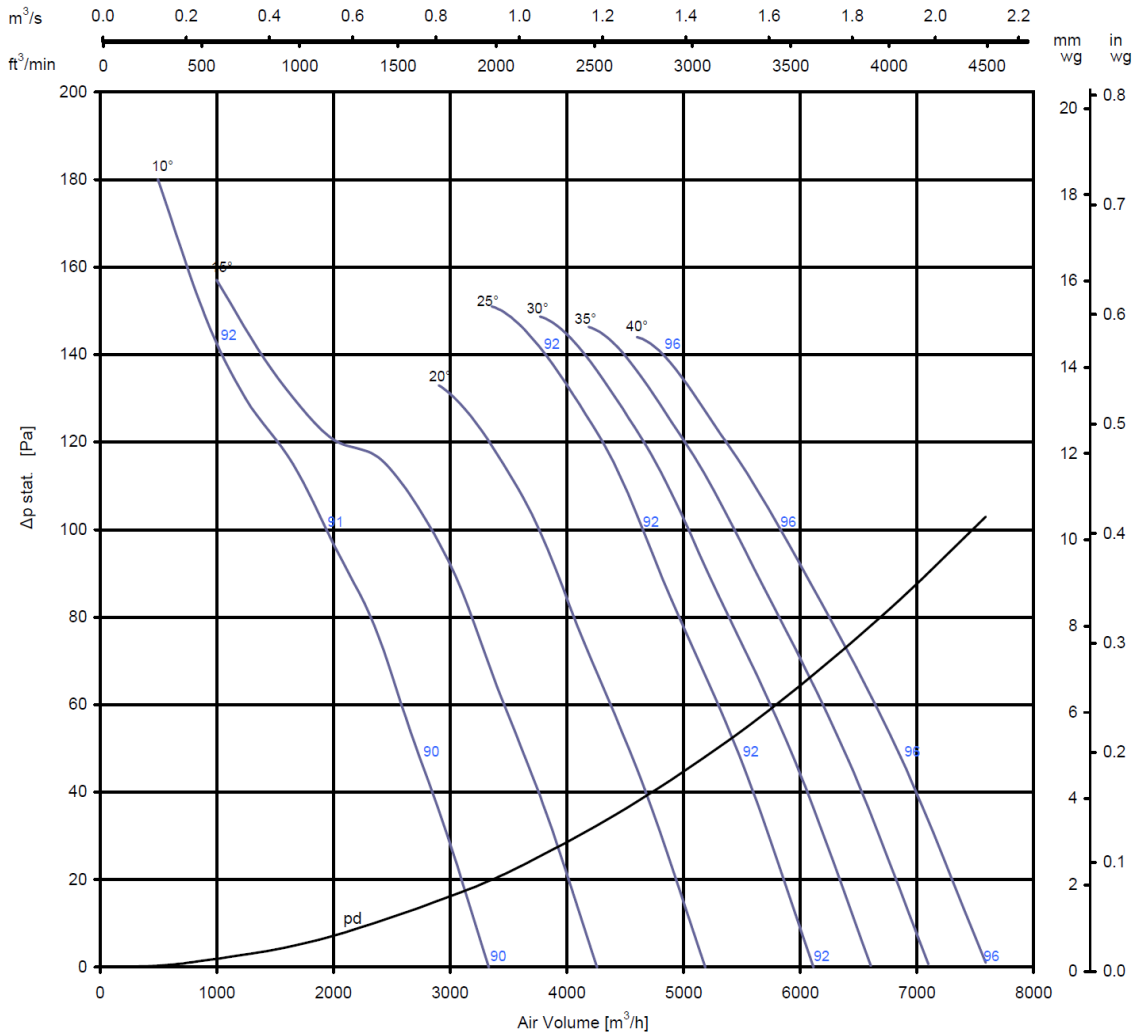
SOUND DATA

Single figure on performance curves are overall inlet L_{wi} 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.

Pitch Angle	$\Delta p_{stat.}$ [Pa]	Inlet Levels							
		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



- Performance certified 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 L_{wi} sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



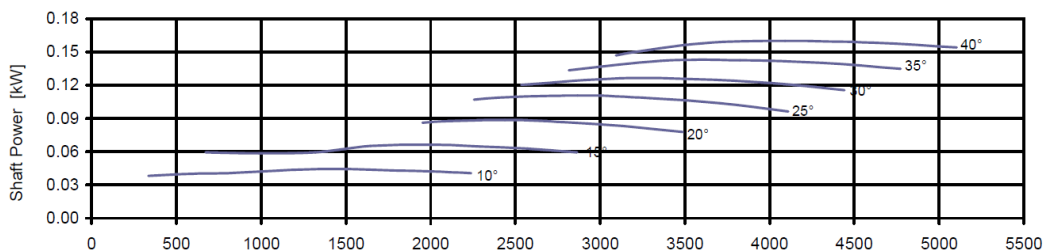
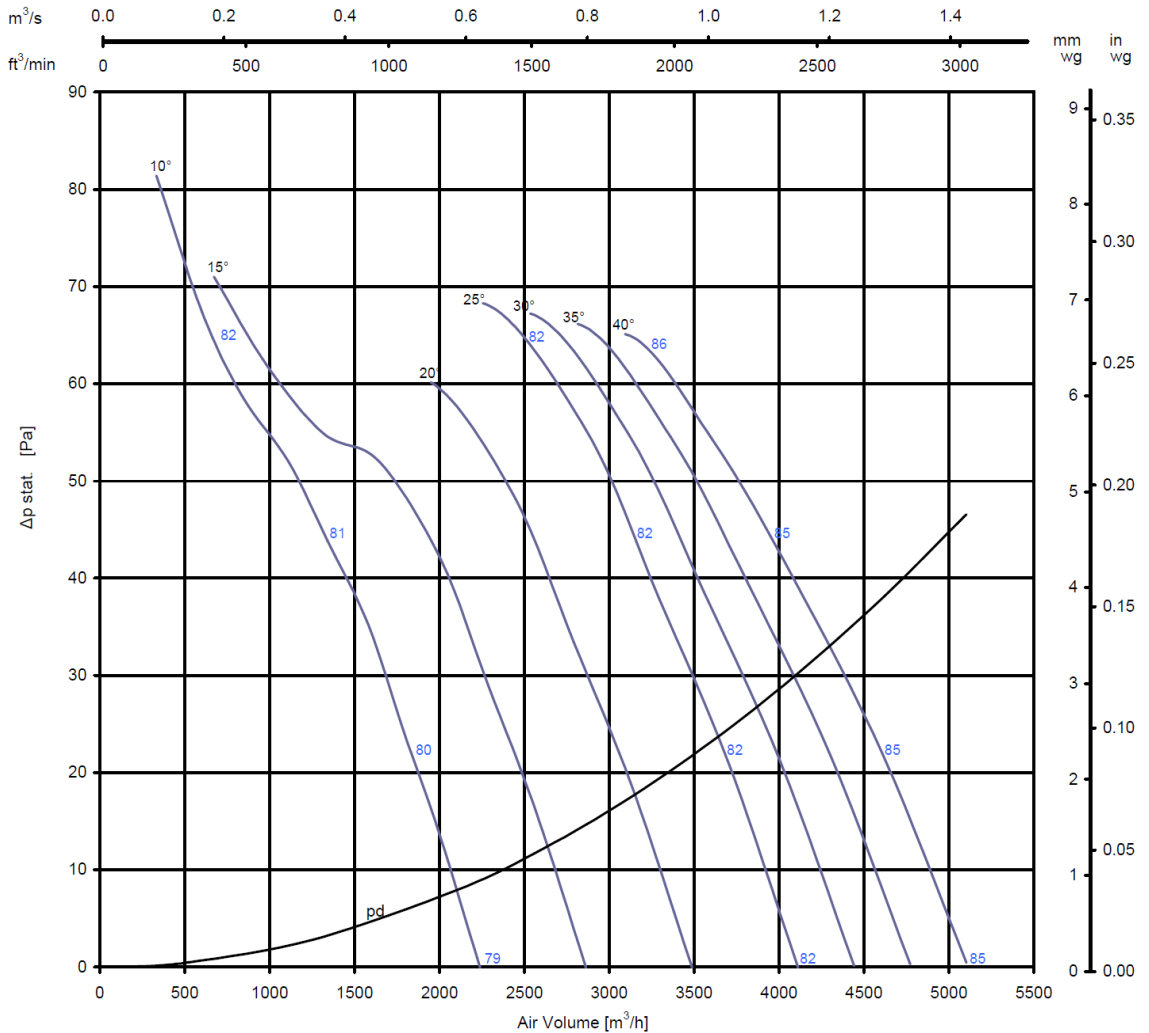
SOUND DATA

Single figure on performance curves are overall inlet Lw 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.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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



- Performance certified 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 Lw sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



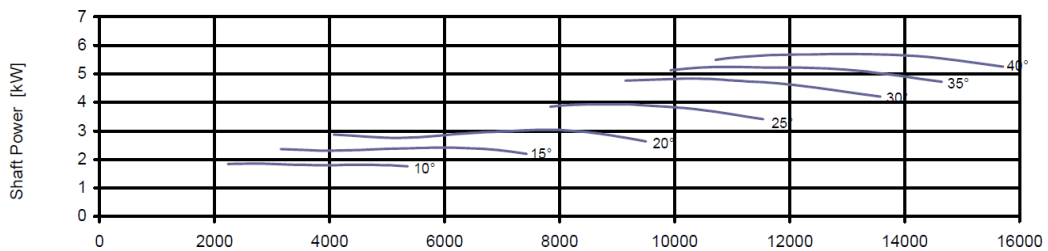
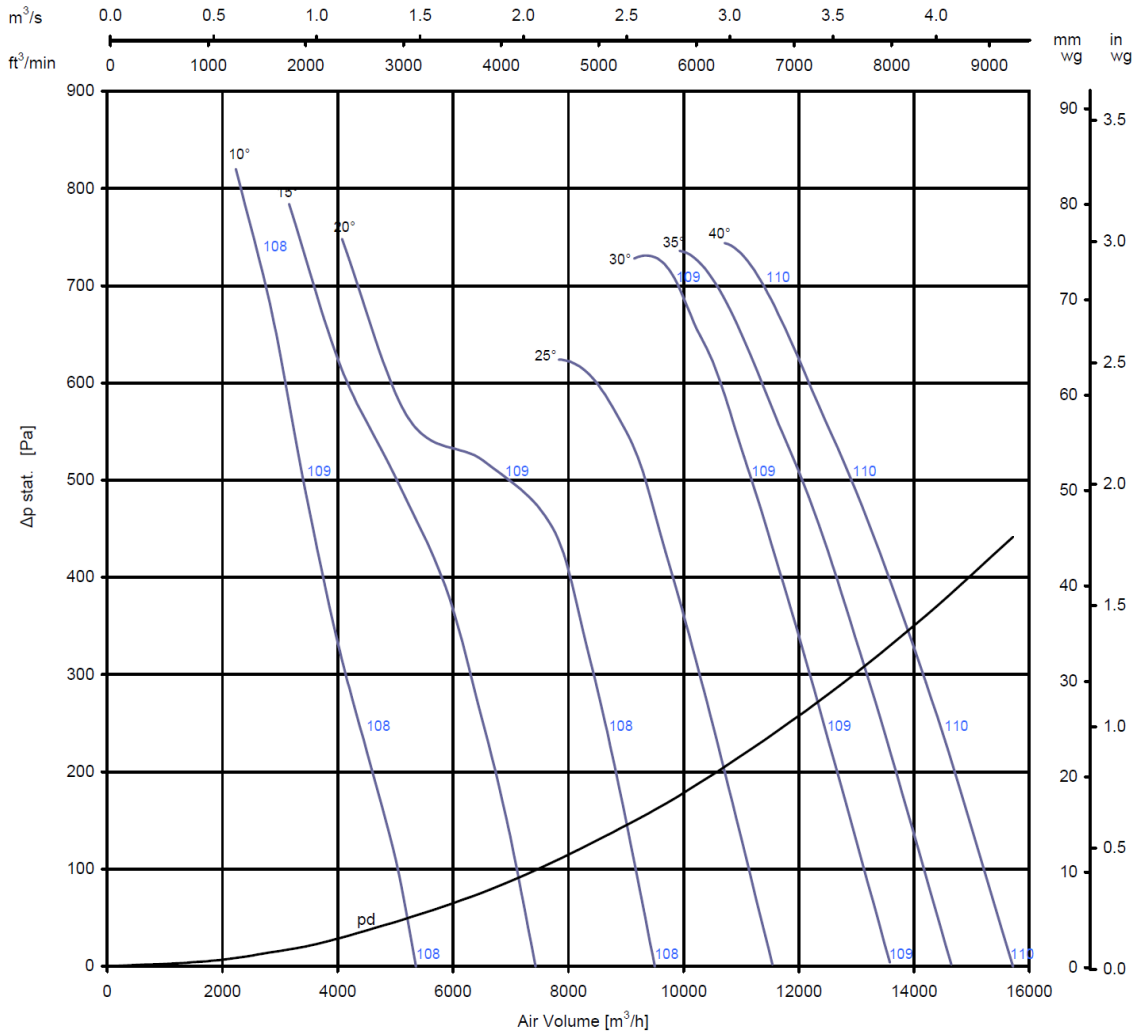
SOUND DATA

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.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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



- Performance certified 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.



SOUND DATA

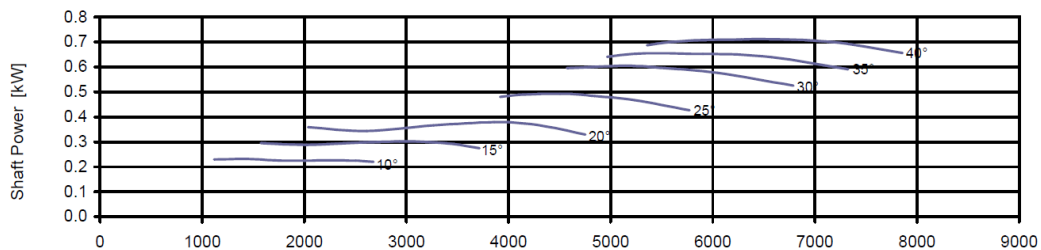
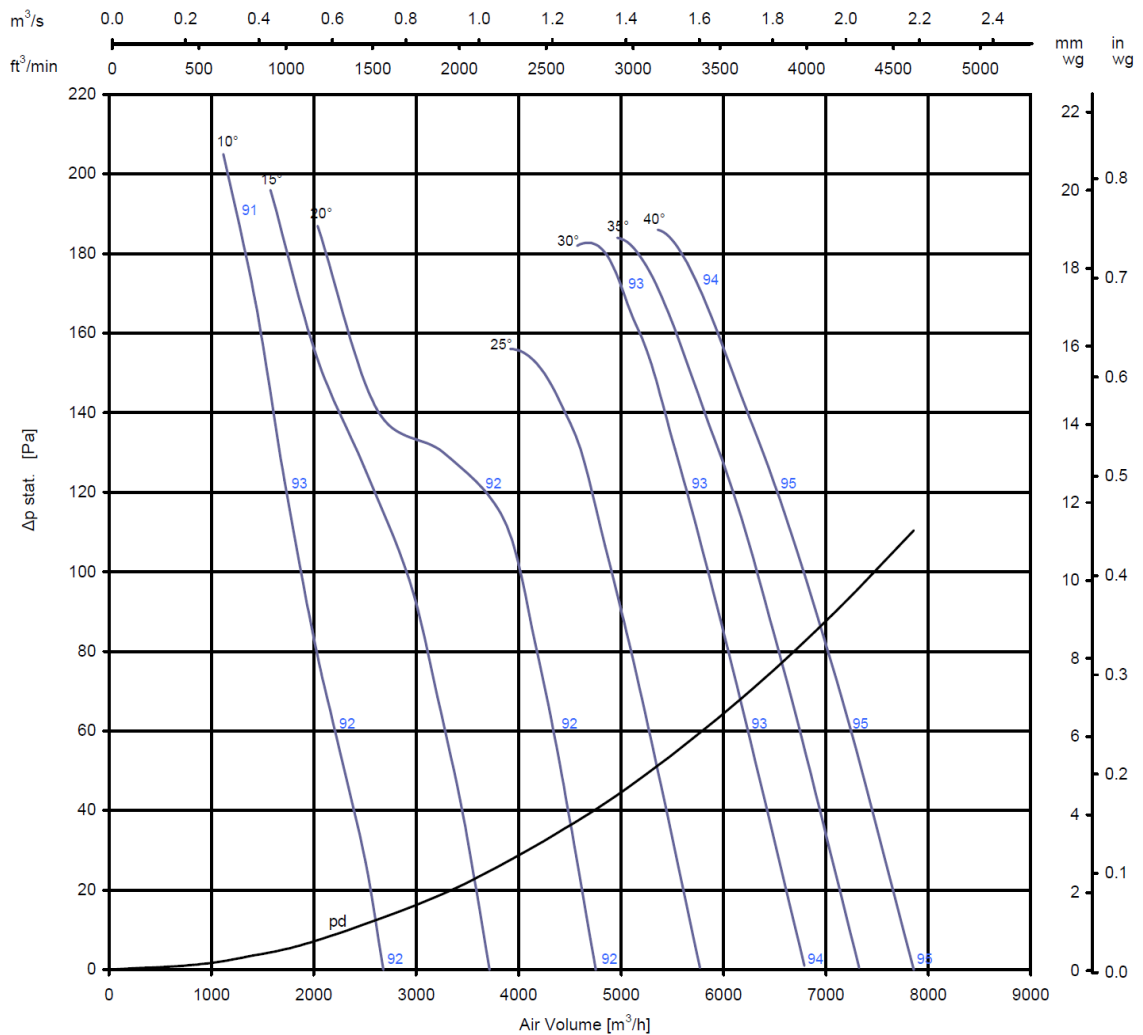
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP_{stat} [Pa]	Inlet Levels							
		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 - $p = 1.2 kg/m^3$, 20°C, 1013hPa



- Performance certified 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.



SOUND DATA

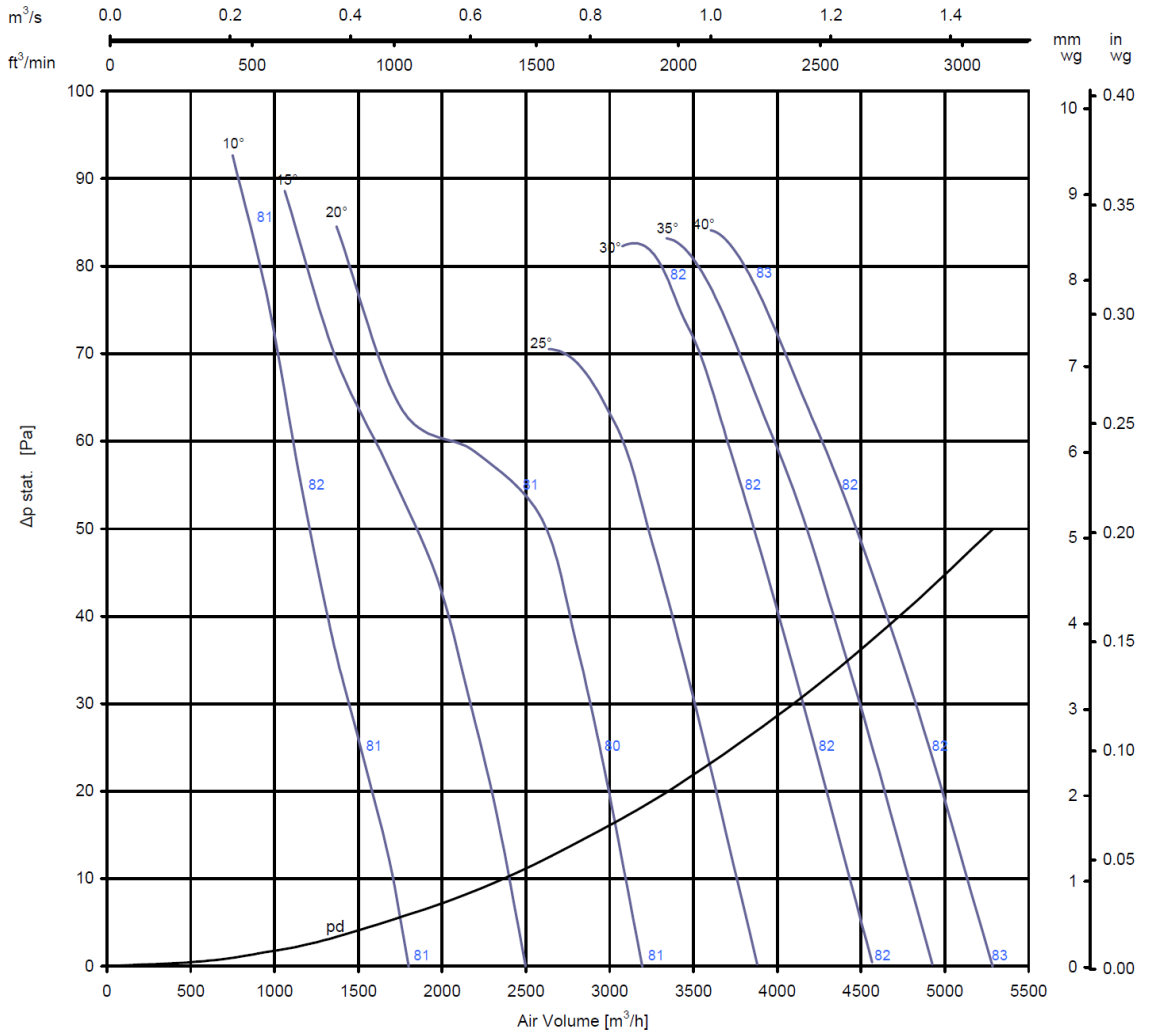
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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 - $p = 1.2kg/m^3$, 20°C, 1013hPa



- Performance certified 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.



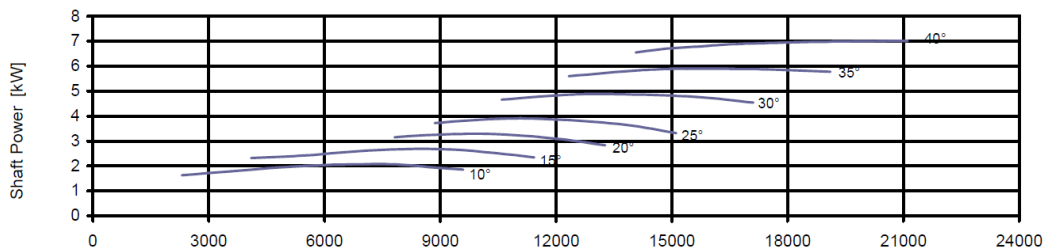
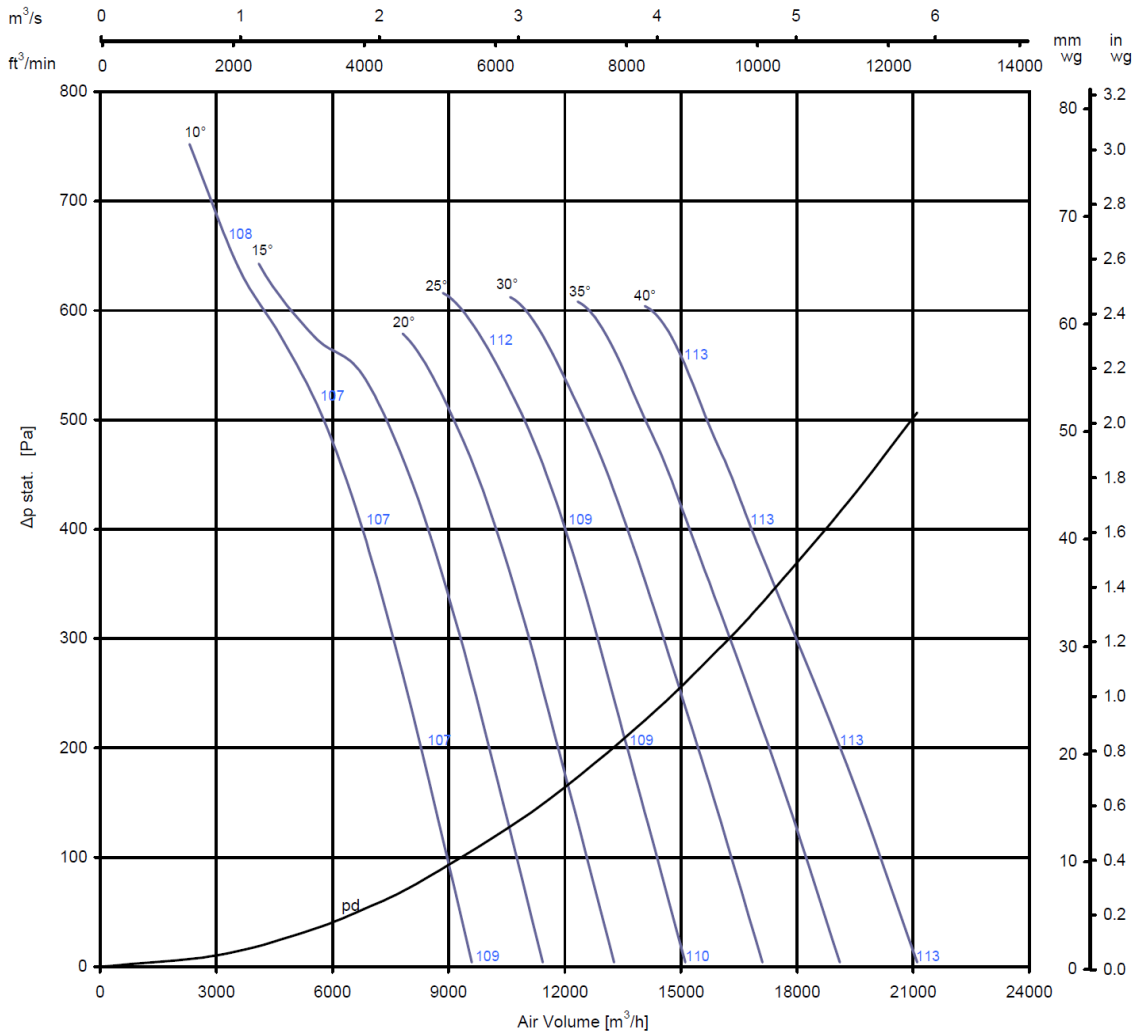
SOUND DATA

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.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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



- Performance certified 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.



SOUND DATA

Single figure on performance curves are overall inlet L_{wi} 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.

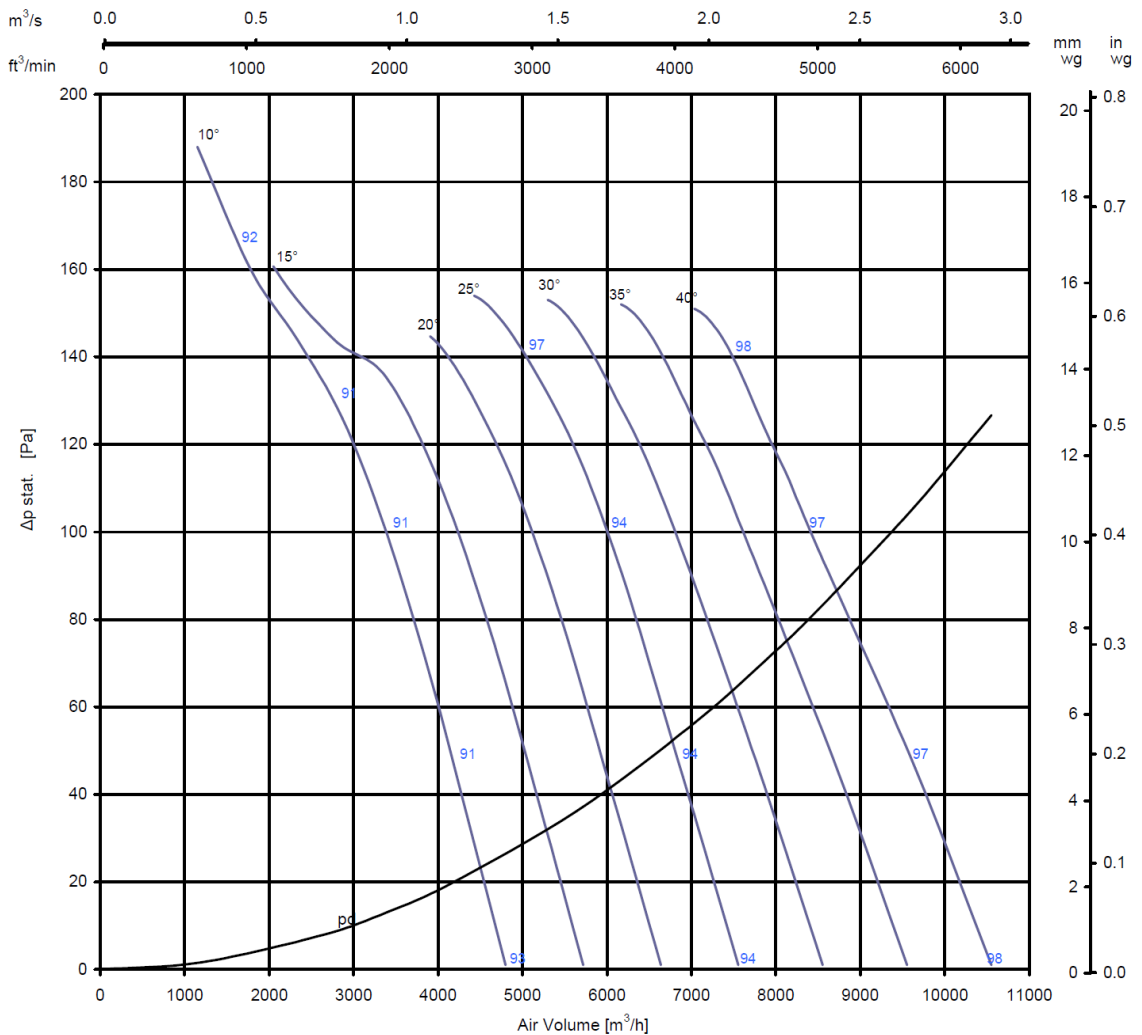
Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-6	-3	-5	-11	-11	-15	-20	-25
	<620	-7	-4	-6	-8	-9	-14	-21	-27
25°	<400	-10	-7	-2	-10	-17	-20	-23	-26
	<520	-10	-7	-2	-10	-17	-19	-23	-26
40°	<400	-10	-7	-3	-7	-16	-19	-23	-27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



- Performance certified 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 L_{wi} sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



Axial Fan
Hub : 150mm



SOUND DATA

Single figure on performance curves are overall inlet L_{wi} 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.

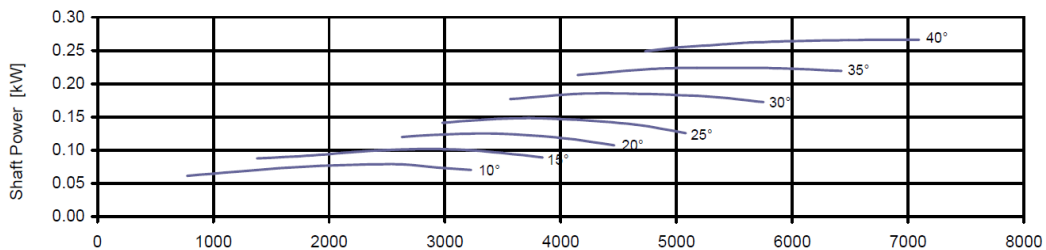
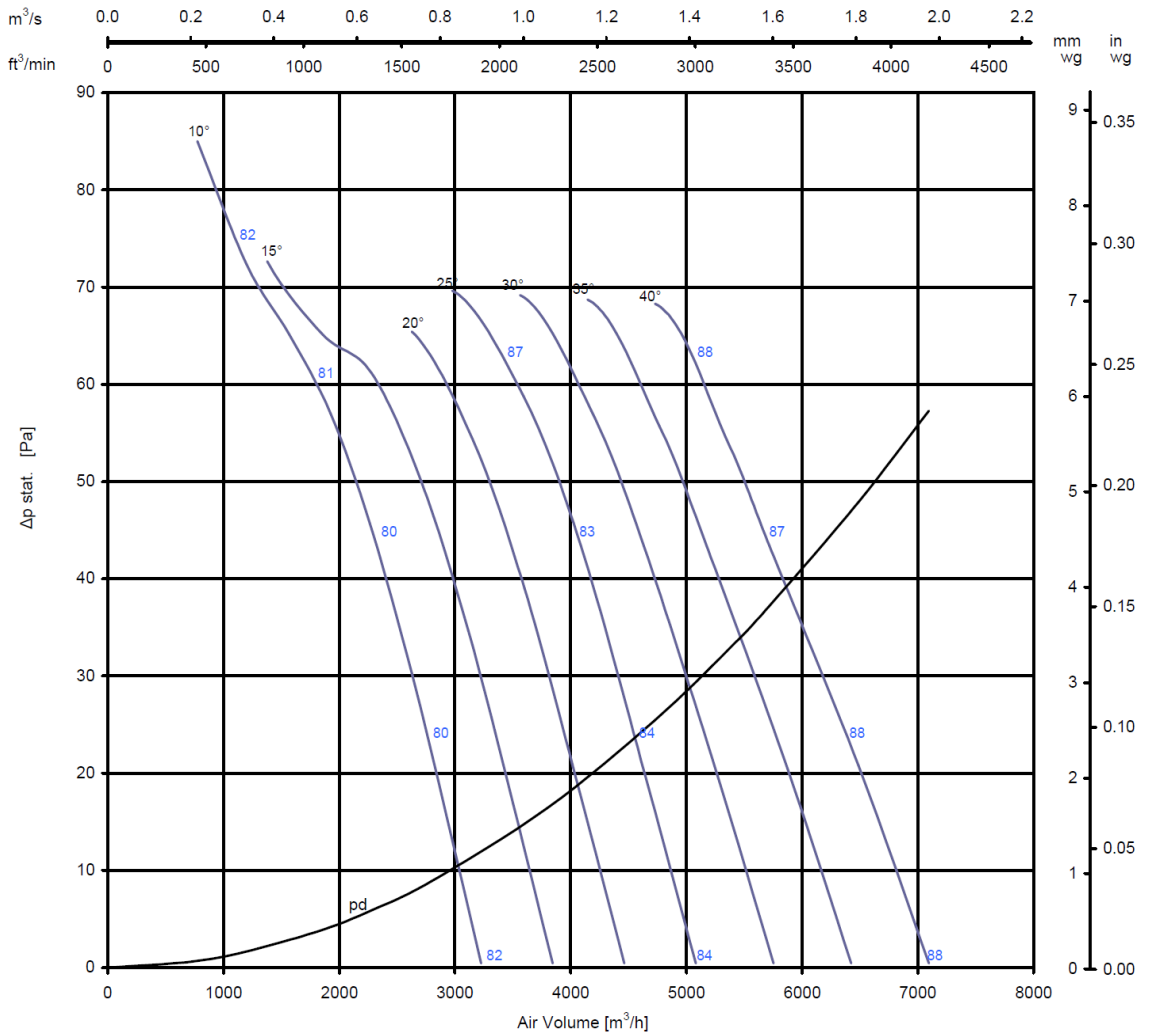
Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<100	-2	-4	-10	-10	-14	-19	-24	-31
	<160	-3	-5	-7	-8	-13	-20	-26	-33
25°	<100	-6	-2	-9	-16	-19	-22	-26	-32
	<130	-6	-2	-10	-16	-18	-22	-25	-31
40°	<100	-7	-2	-7	-16	-19	-23	-27	-33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



- Performance certified 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 L_{wi} sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



Axial Fan
Hub : 150mm



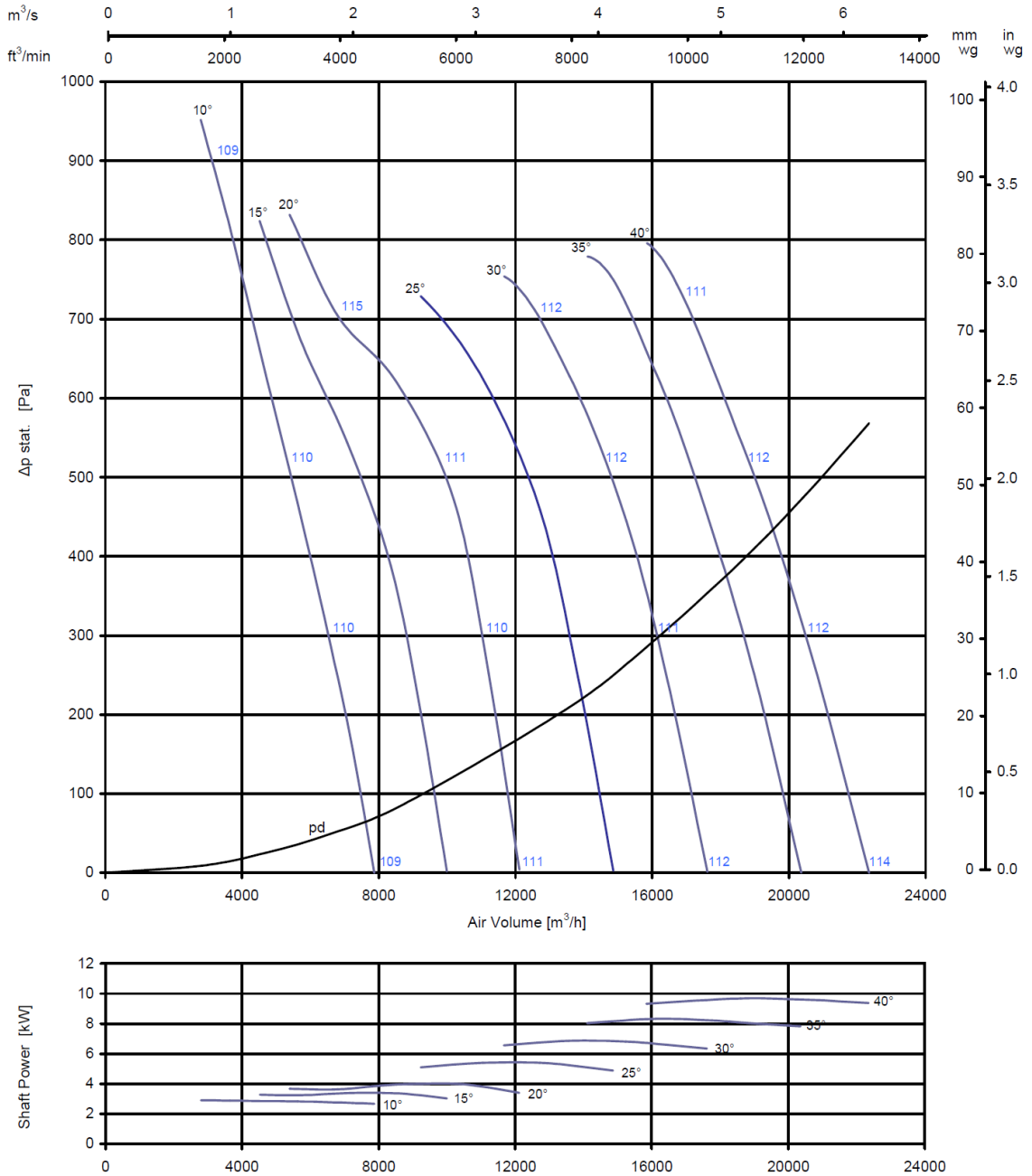
SOUND DATA

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.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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



- 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.



SOUND DATA

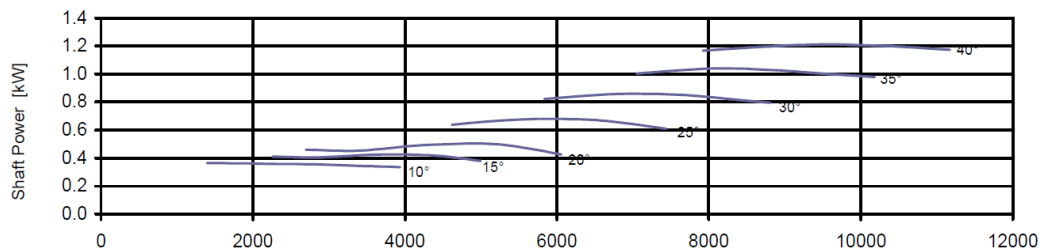
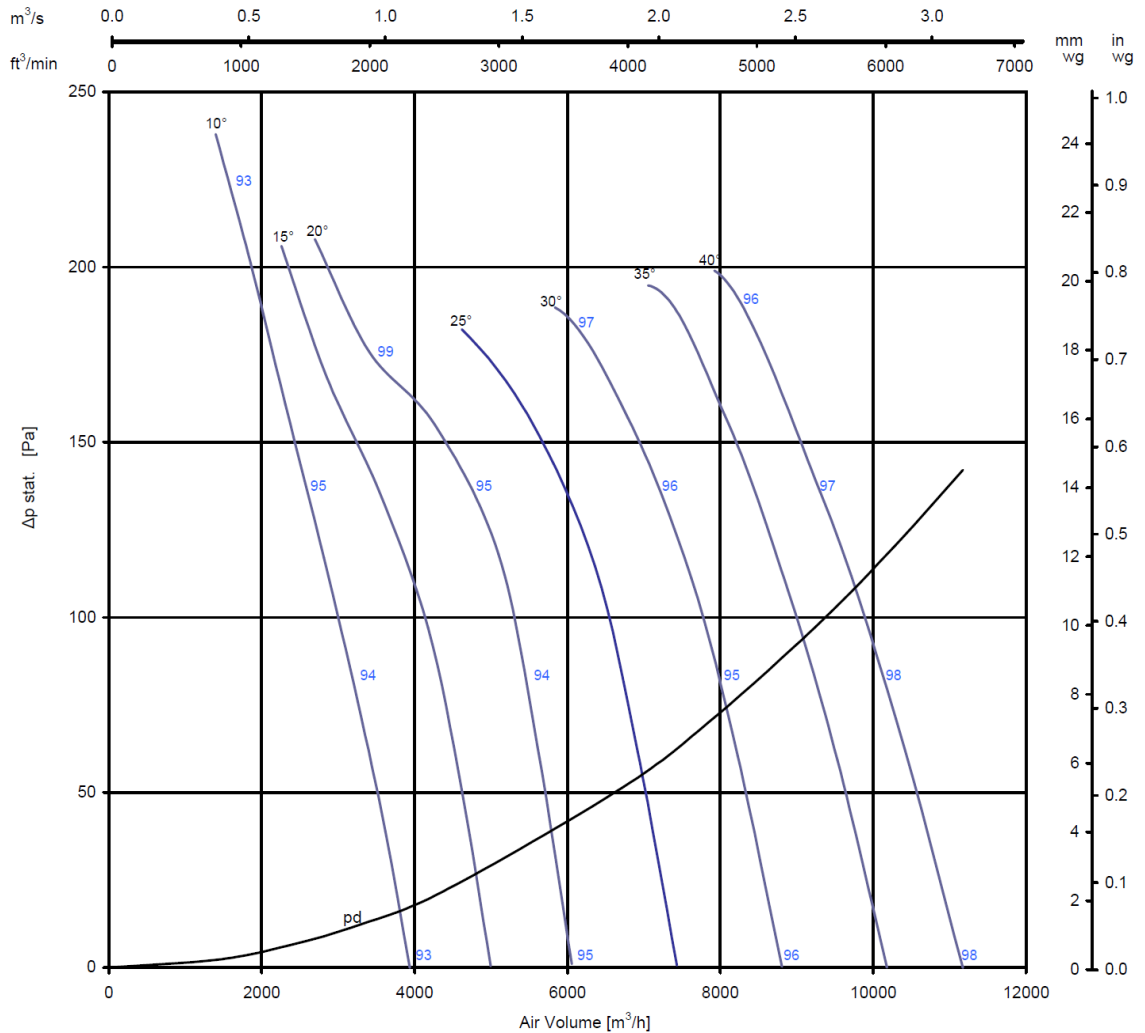
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

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

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



- Performance certified 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.



SOUND DATA

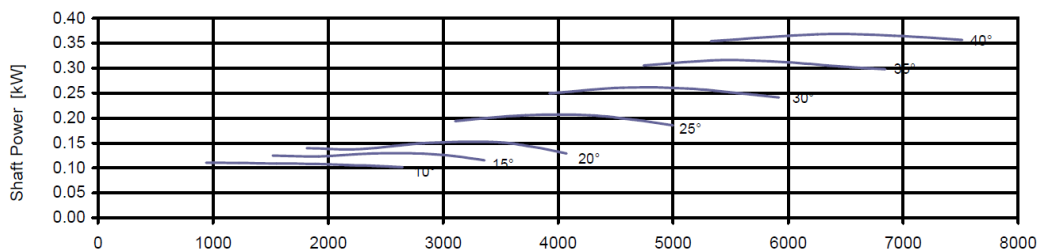
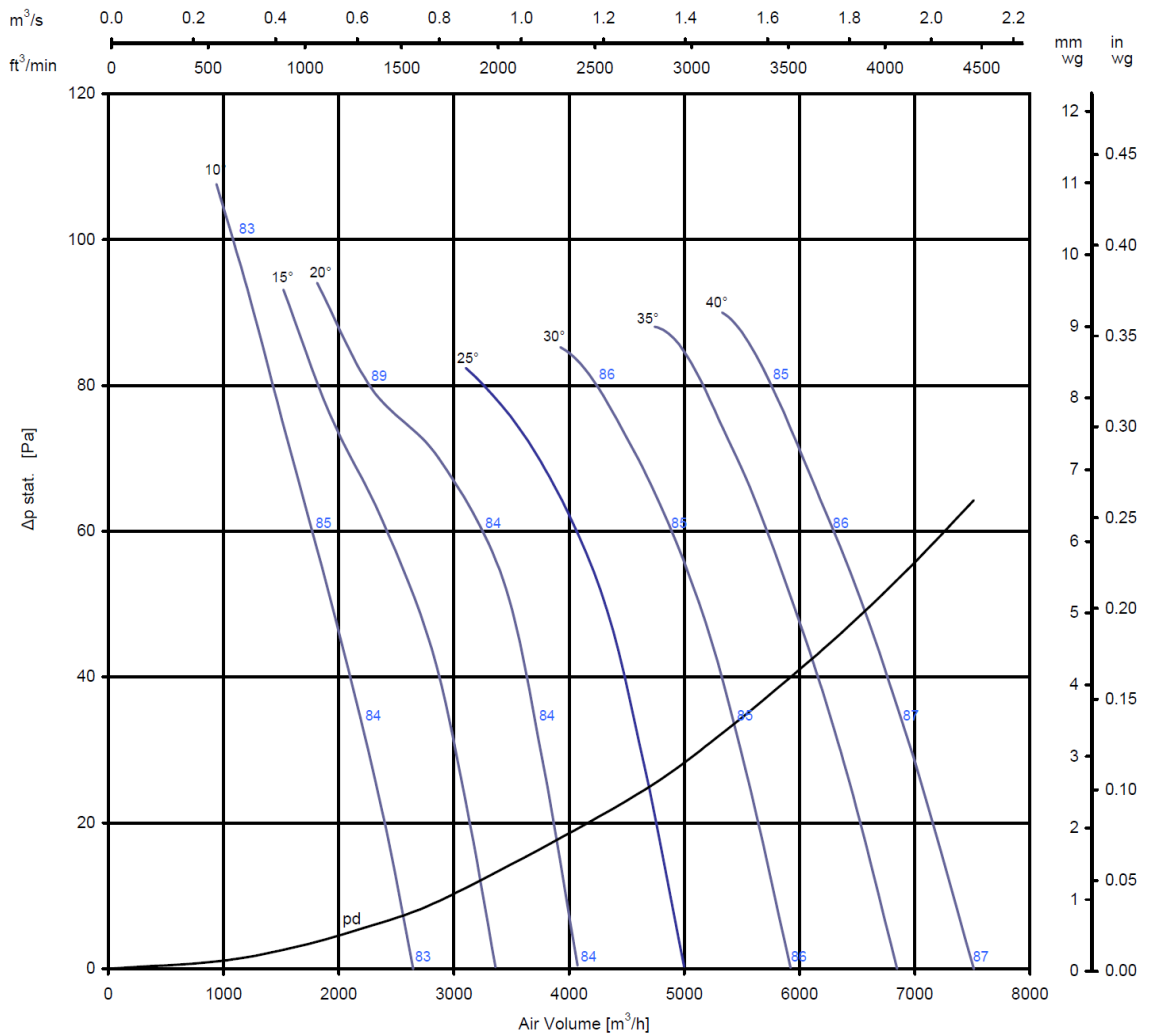
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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	-6	-9	-3	-14	-16	-21	-27	-33
	<180	-6	-9	-2	-14	-17	-22	-27	-32

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



- Performance certified 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.



SOUND DATA

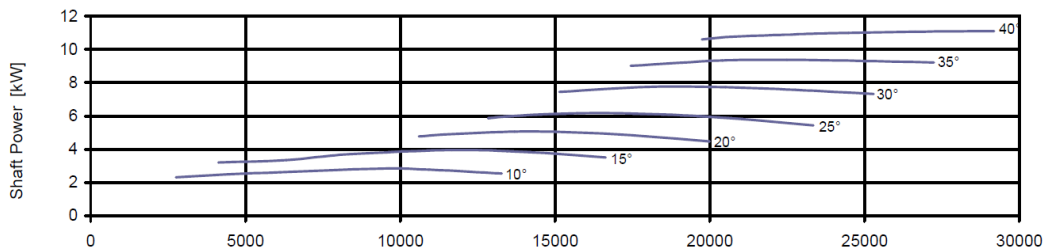
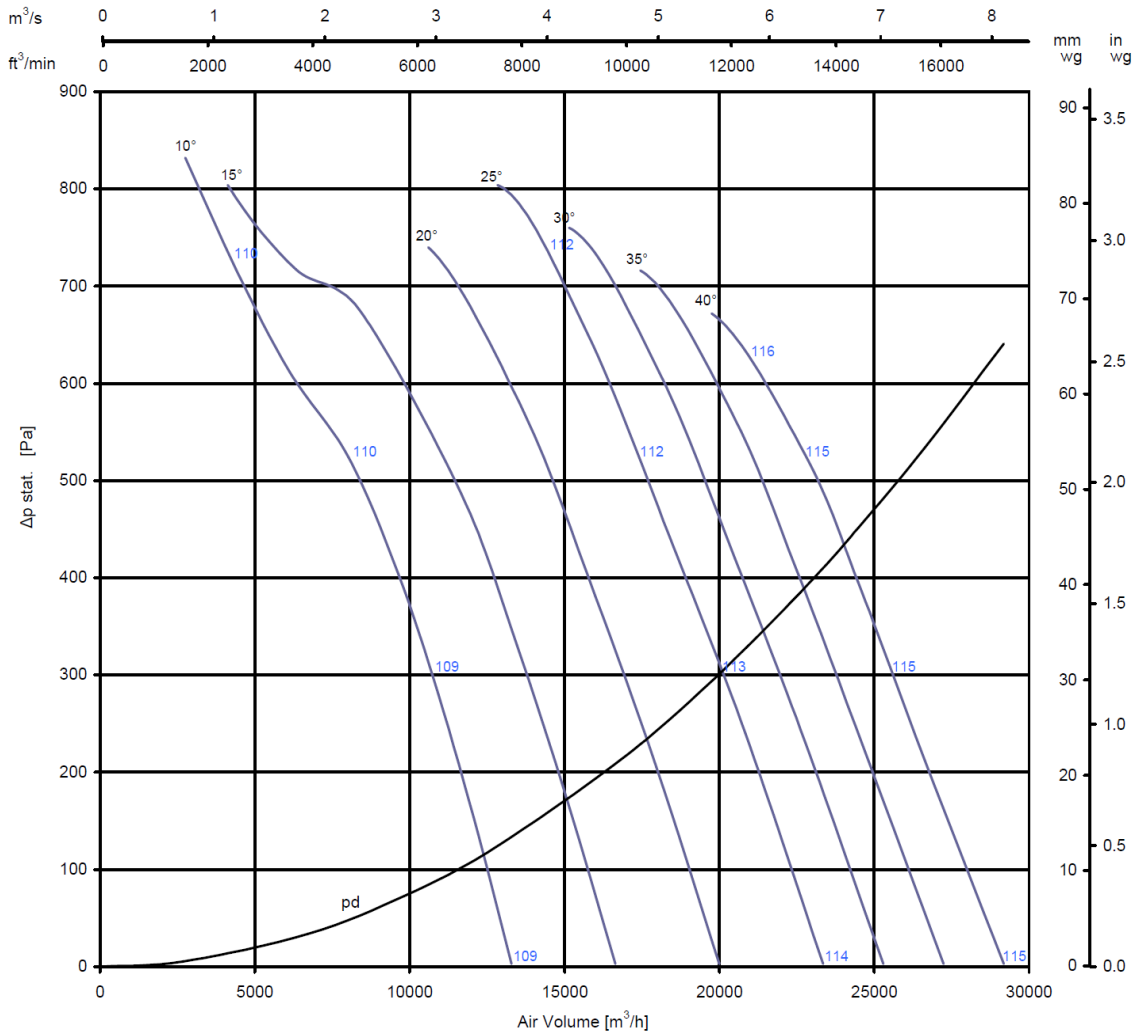
Single figure on performance curves are overall inlet L_{wi} sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	$\Delta p_{stat.}$ [Pa]	Inlet Levels							
		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 - $\rho = 1.2kg/m^3$, 20°C, 1013hPa



- Performance certified 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 L_{wi} sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



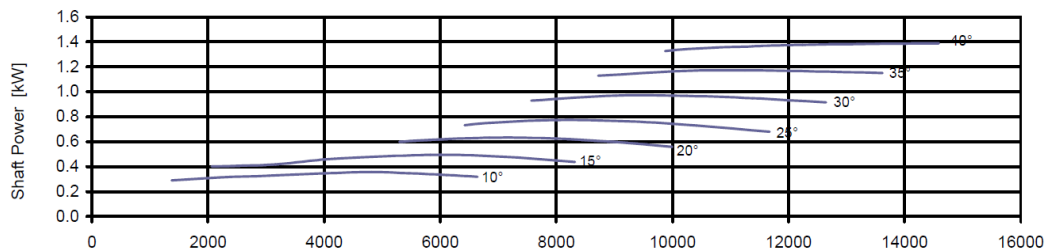
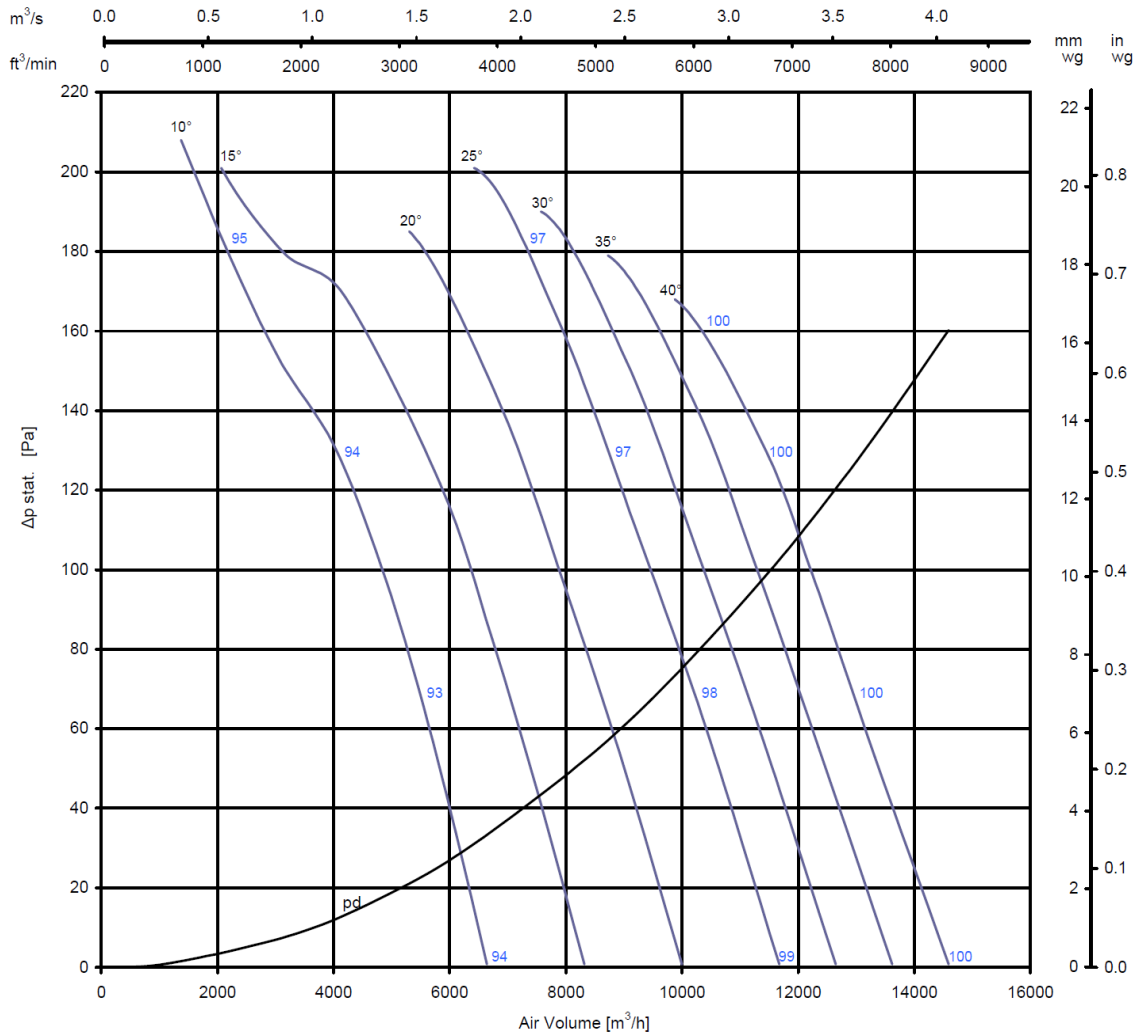
SOUND DATA

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.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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



- Performance certified 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.



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.

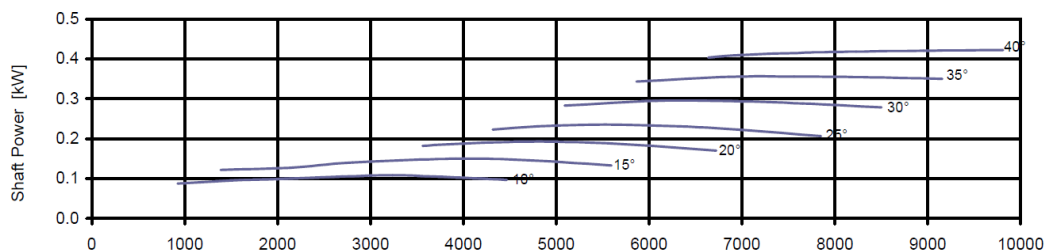
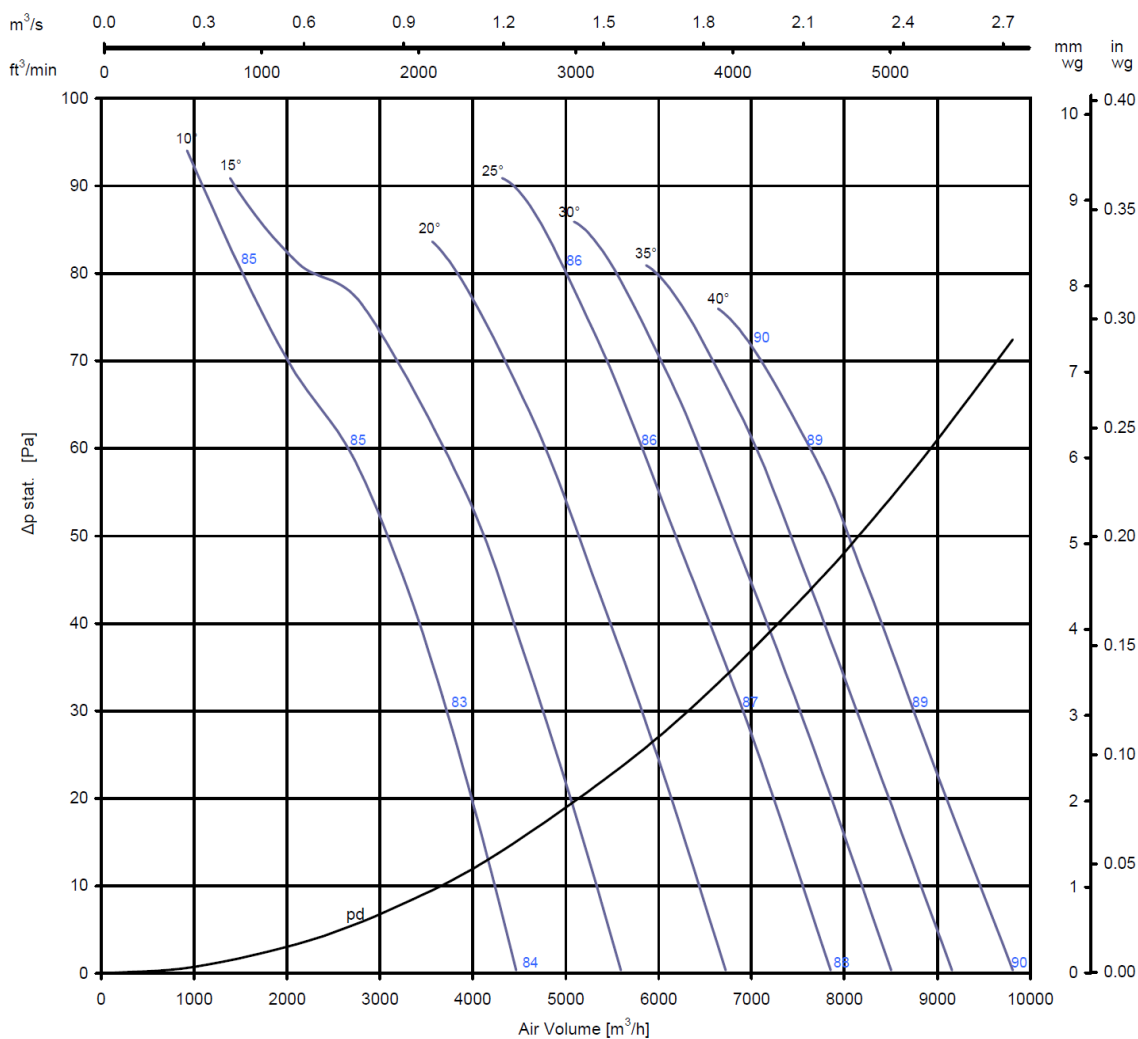
Pitch Angle	Inlet Levels								
	ΔP_{stat} [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<100	-5	-2	-10	-10	-13	-17	-21	-29
	<180	-7	-2	-7	-9	-12	-18	-25	-31
25°	<100	-7	-1	-12	-15	-20	-24	-29	-34
	<180	-7	-1	-13	-15	-19	-23	-27	-32
40°	<100	-8	-1	-10	-13	-18	-23	-29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



- 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.



Axial Fan
Hub : 150mm



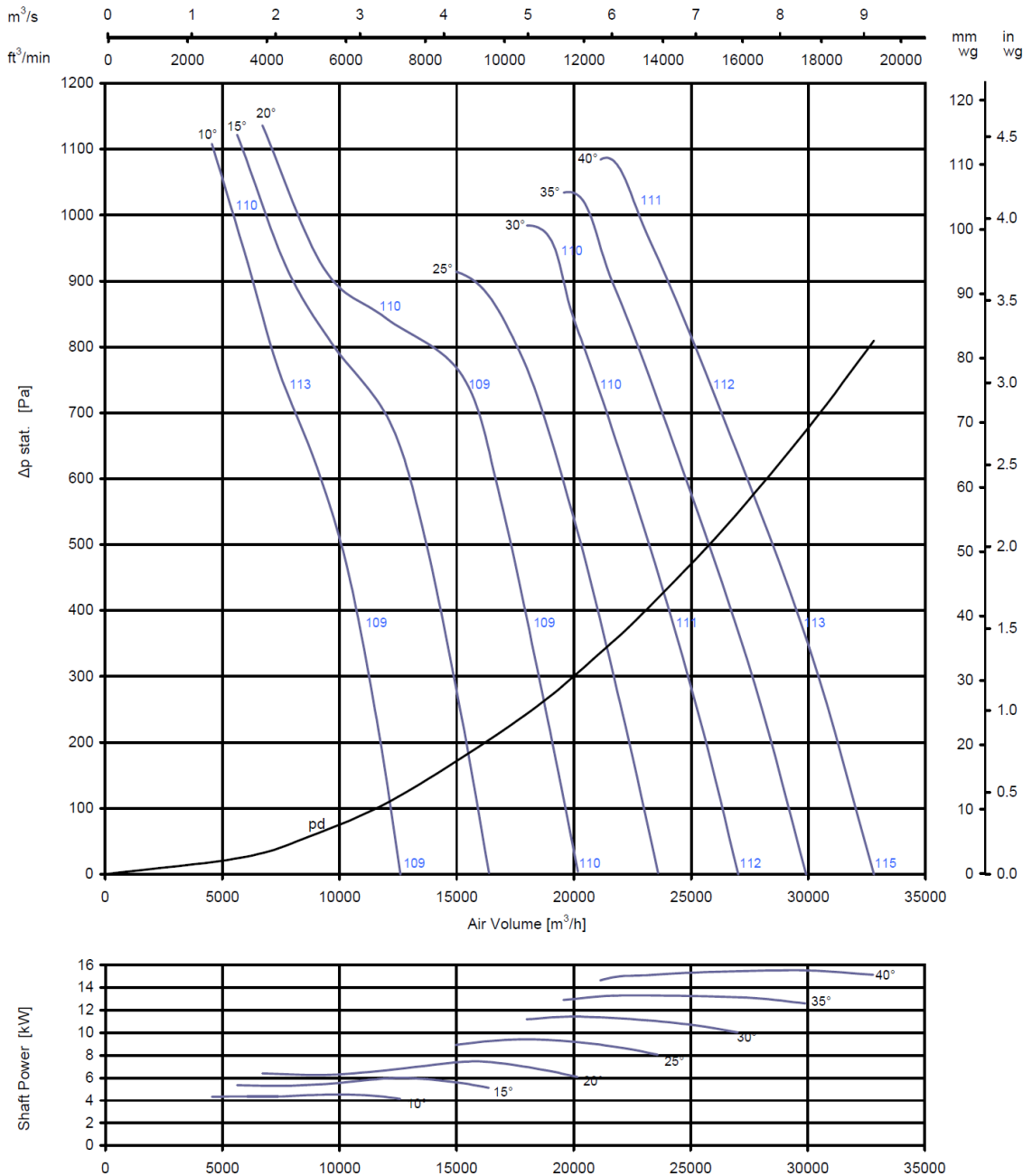
SOUND DATA

Single figure on performance curves are overall inlet L_{wi} 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.

Pitch Angle	Inlet Levels								
	$\Delta P_{stat.}$ [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



- Performance certified 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 L_{wi} sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



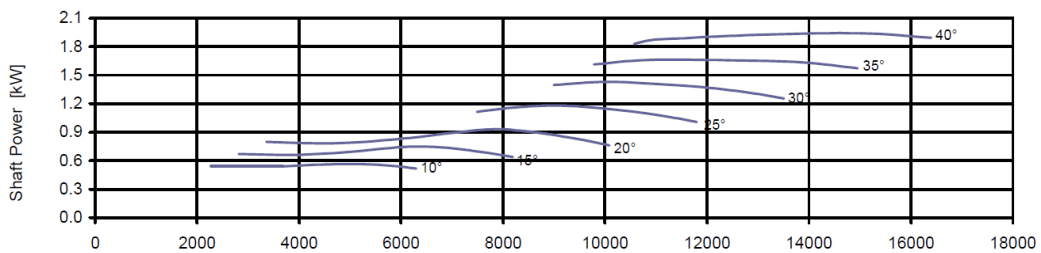
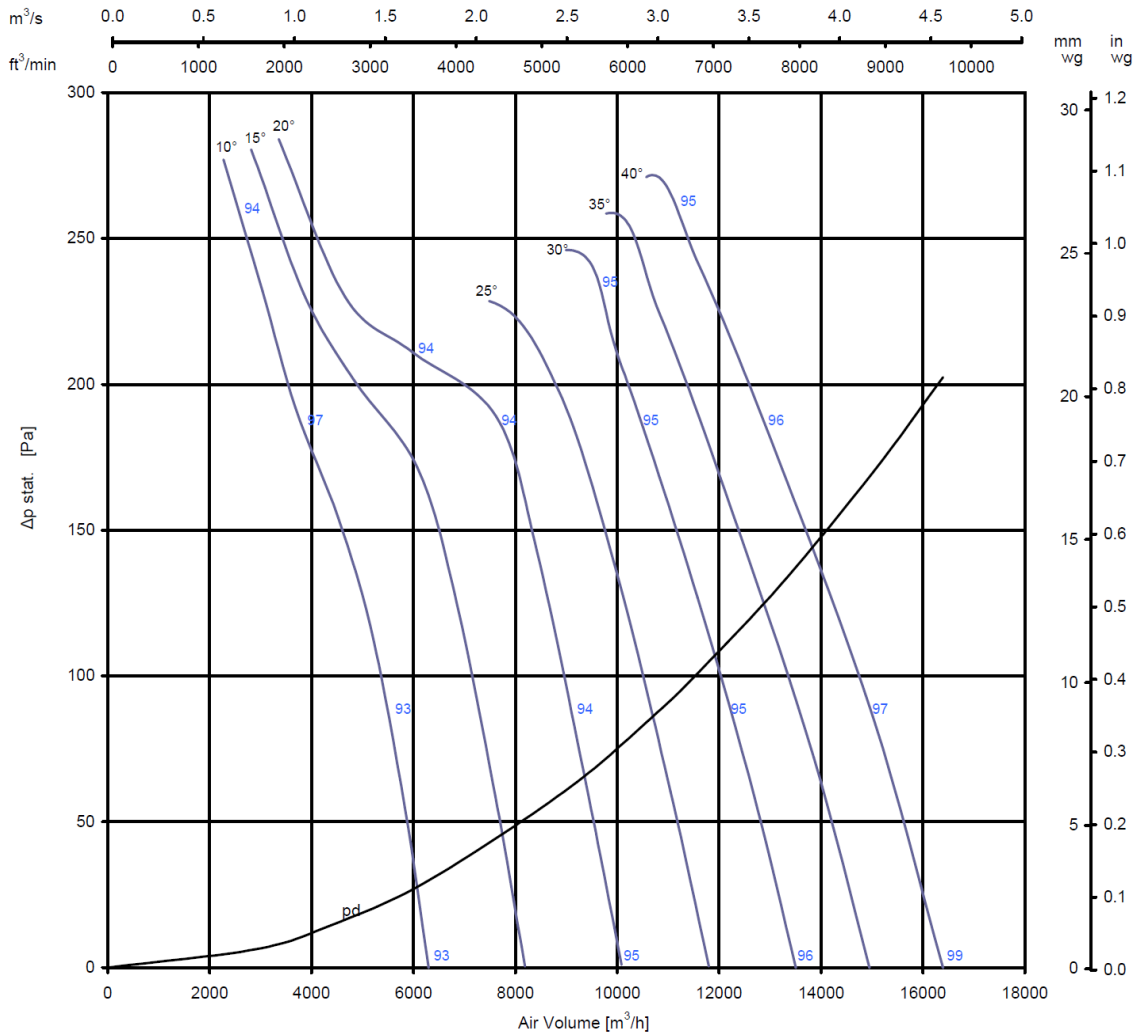
SOUND DATA

Single figure on performance curves are overall inlet L_{wi} 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.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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



- Performance certified 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 L_{wi} sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



SOUND DATA

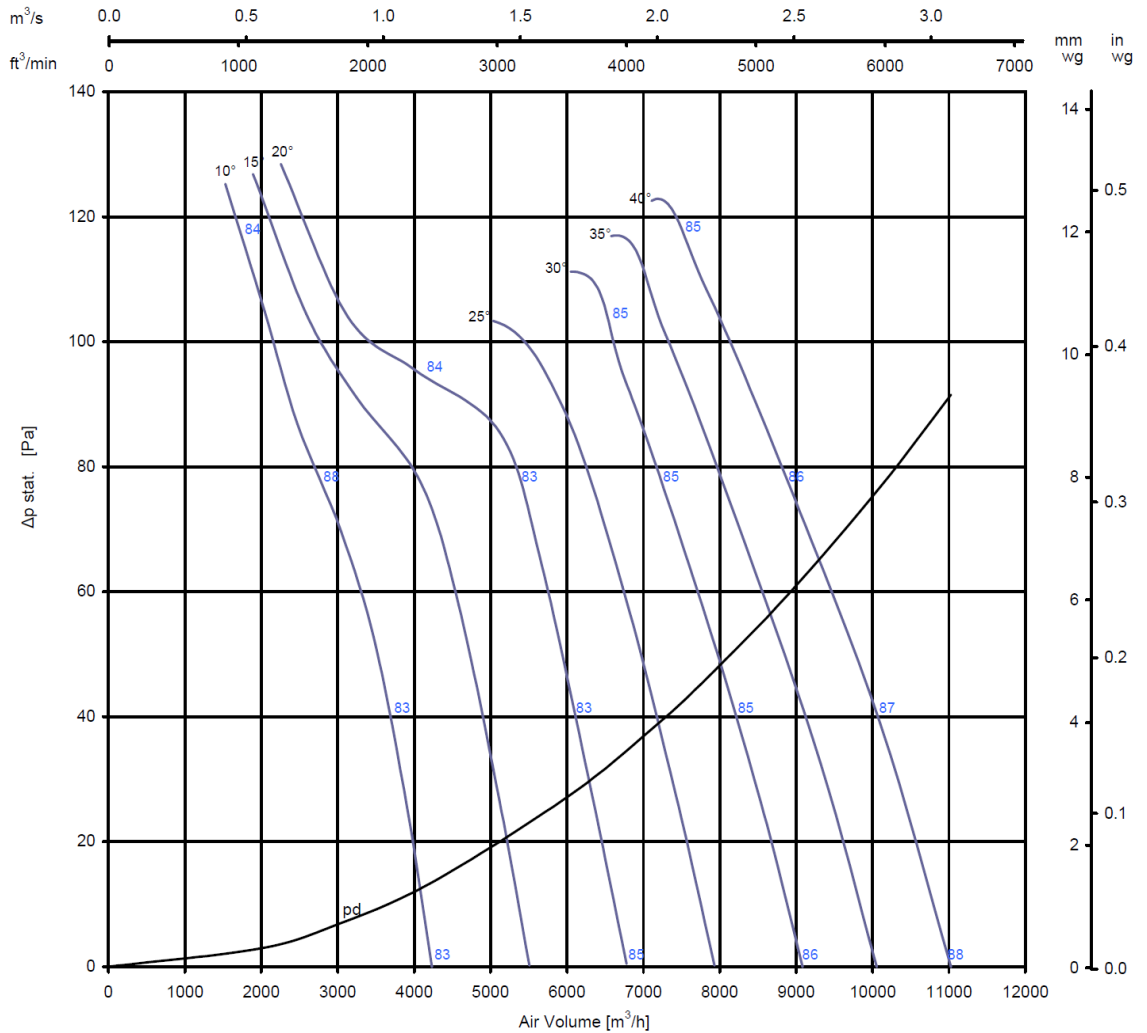
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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 - p = 1.2kg/m³, 20°C, 1013hPa



- Performance certified for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of apertures (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.



SOUND DATA

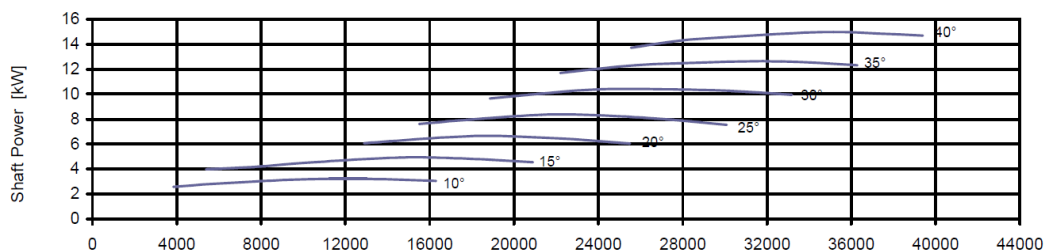
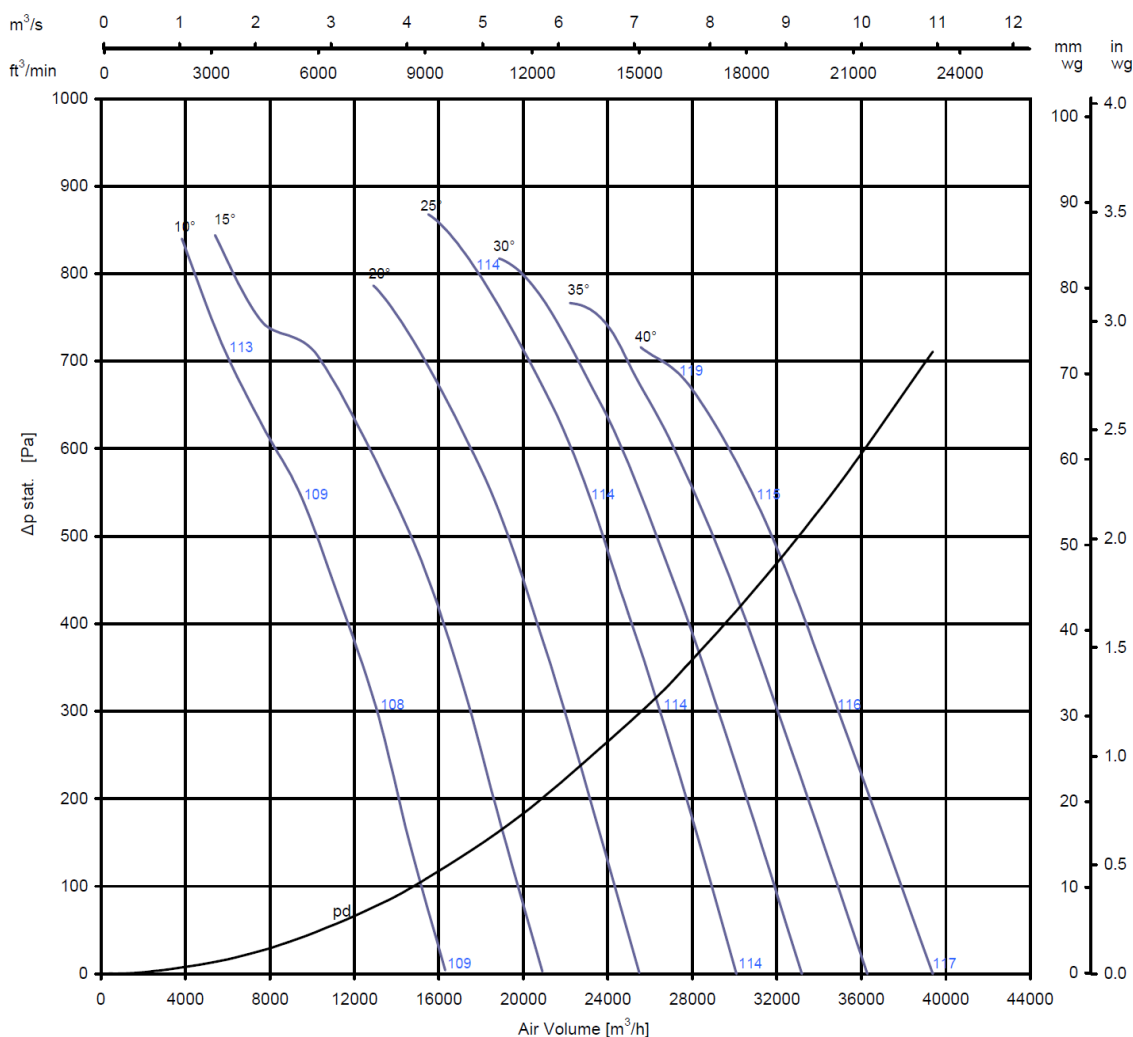
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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 - $\rho = 1.2 \text{ kg/m}^3$, 20°C, 1013hPa



- Performance certified 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.



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.

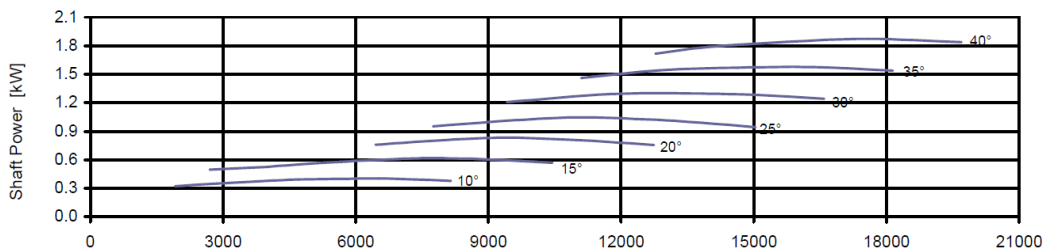
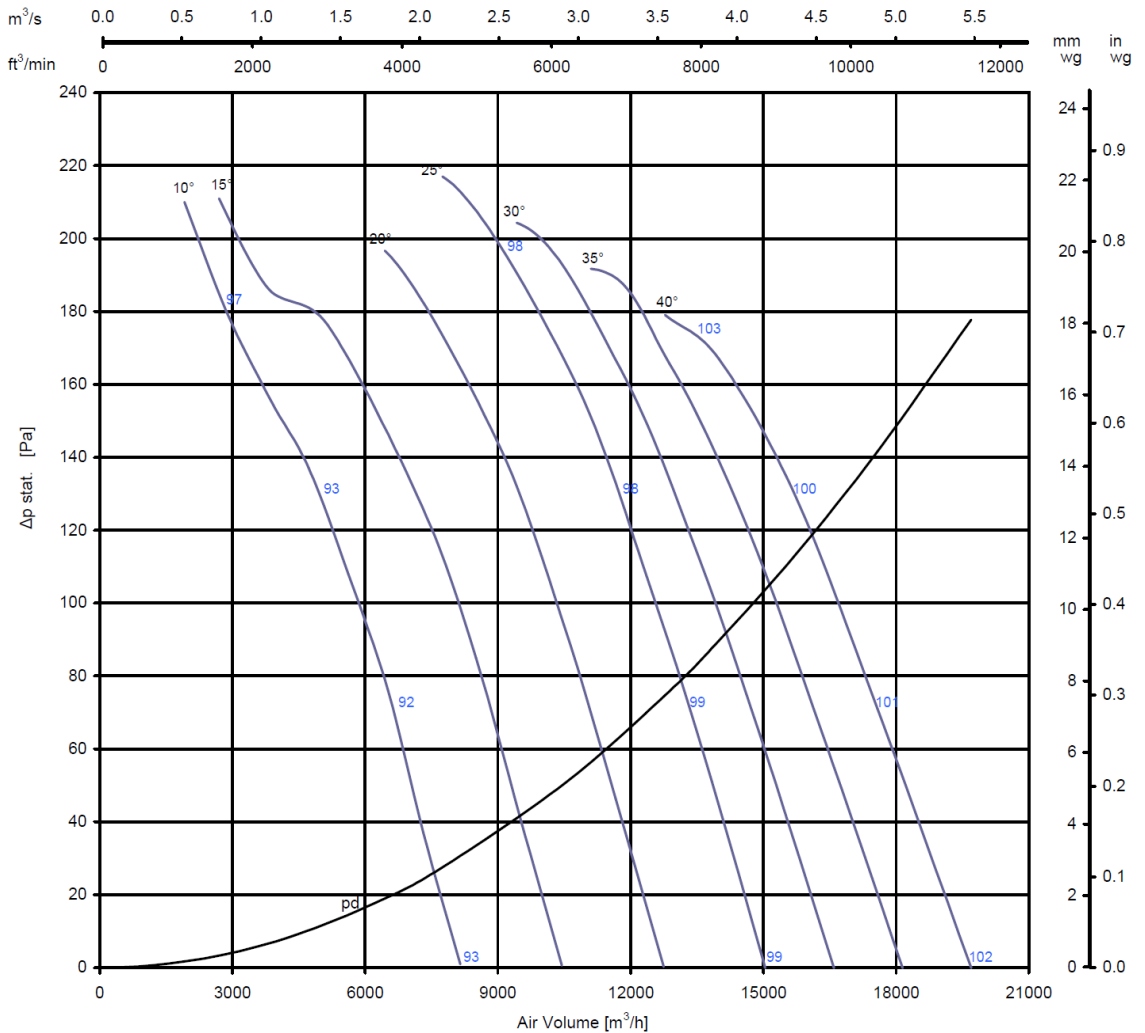
Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<400	-9	-6	-6	-12	-10	-11	-13	-19
	<700	-9	-6	-3	-8	-7	-10	-14	-21
25°	<400	-10	-7	-2	-13	-14	-18	-21	-26
	<800	-11	-8	-2	-14	-10	-15	-20	-24
40°	<400	-10	-7	-2	-12	-14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



- Performance certified 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.



Axial Fan
Hub : 150mm



SOUND DATA

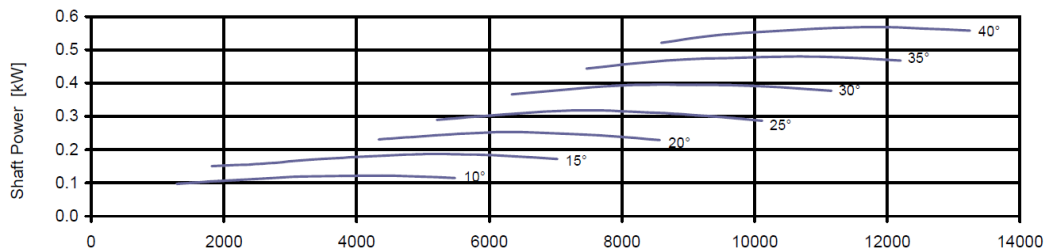
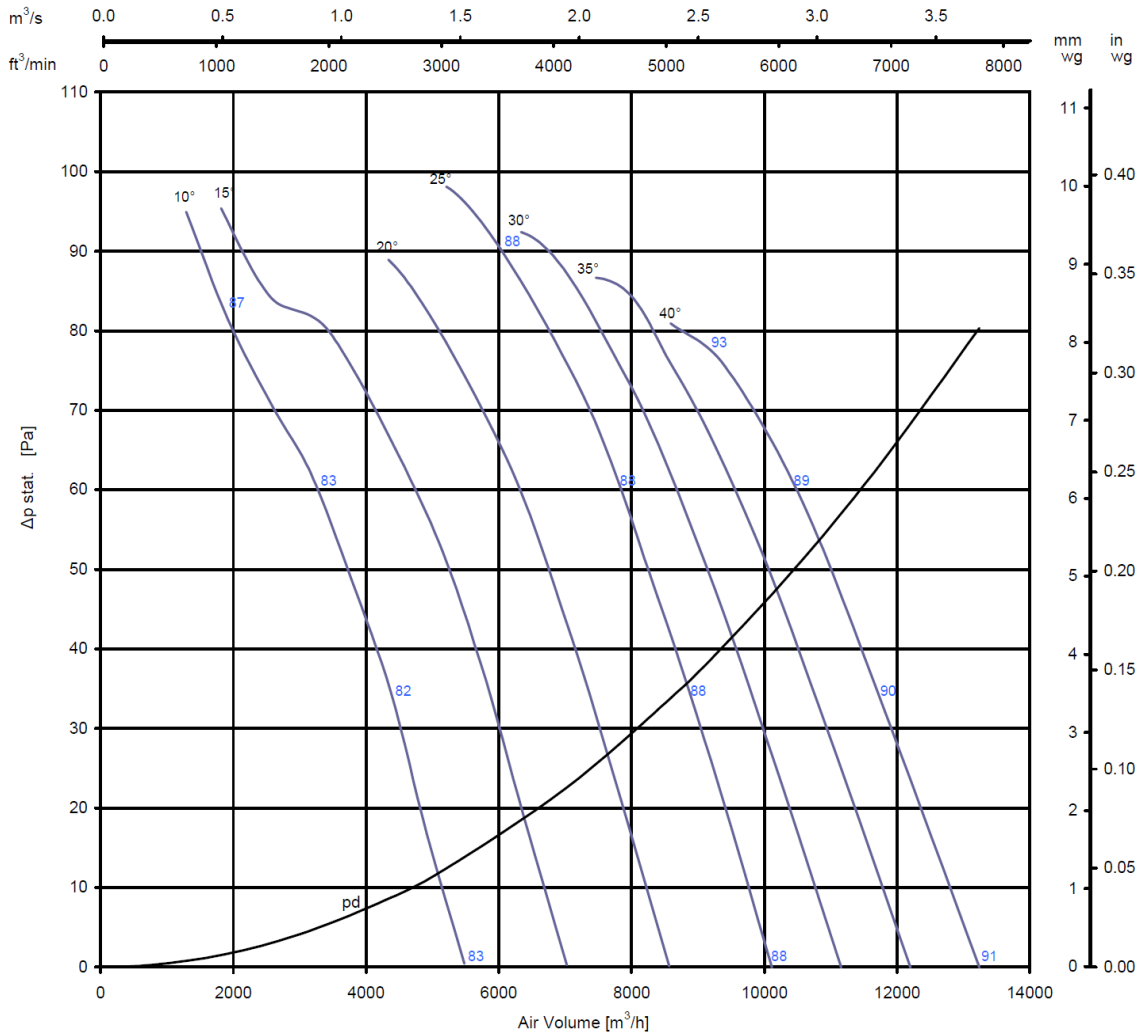
Single figure on performance curves are overall inlet Lw sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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



- Performance certified 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 Lw sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

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



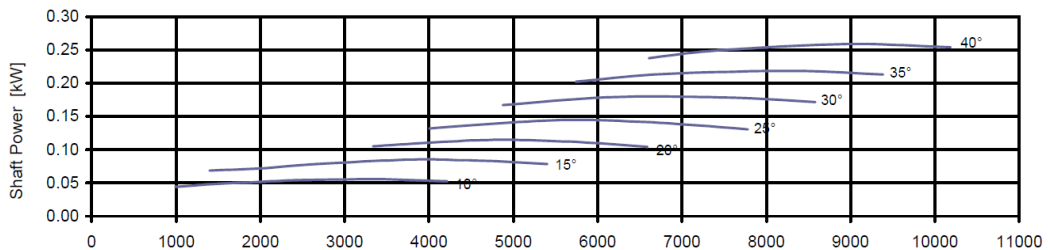
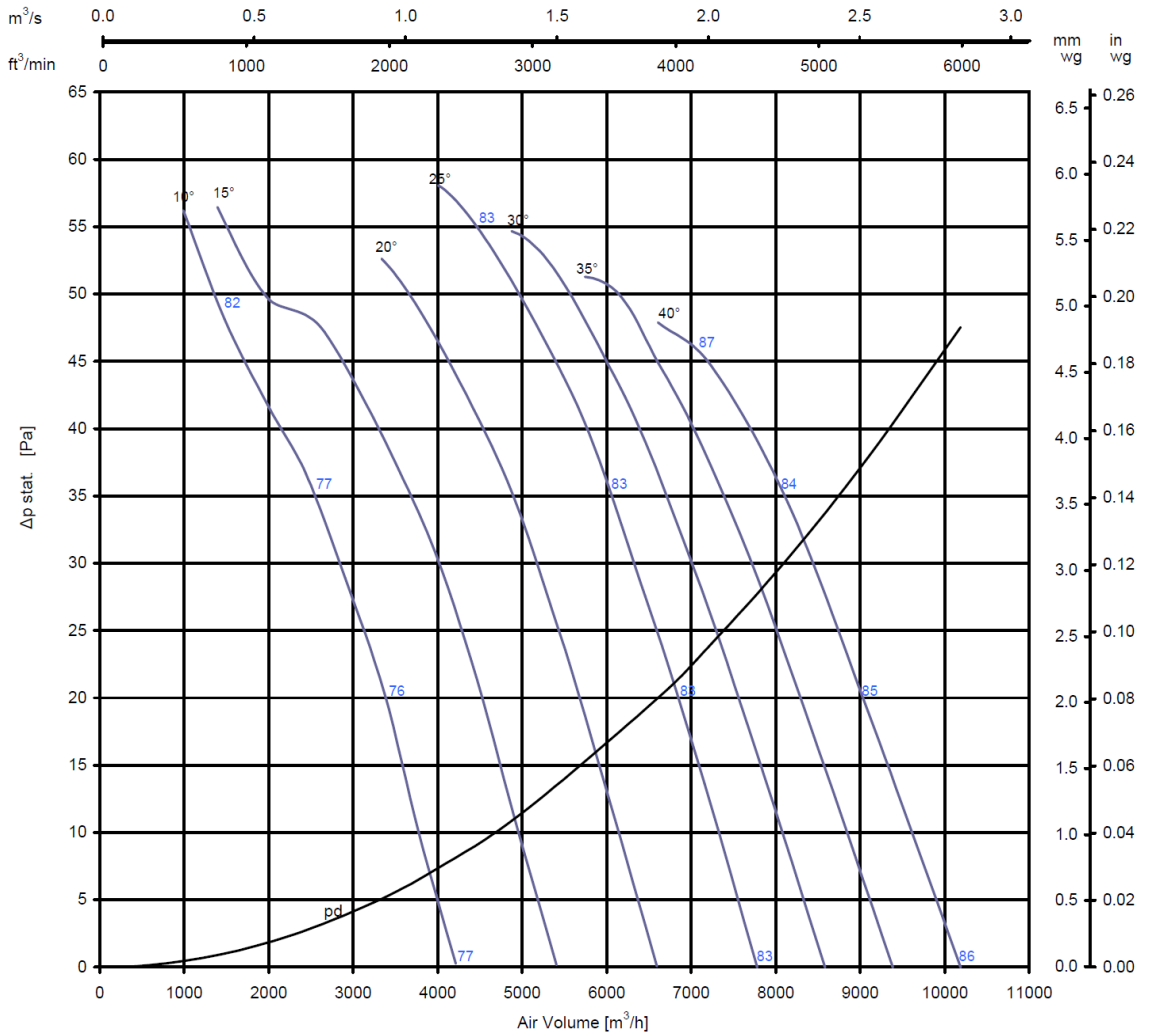
SOUND DATA

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.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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



- 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.



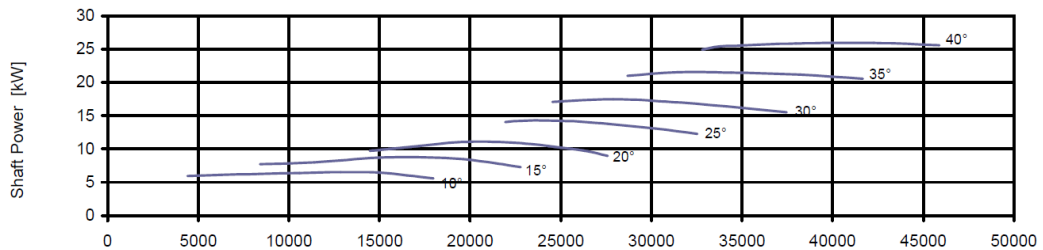
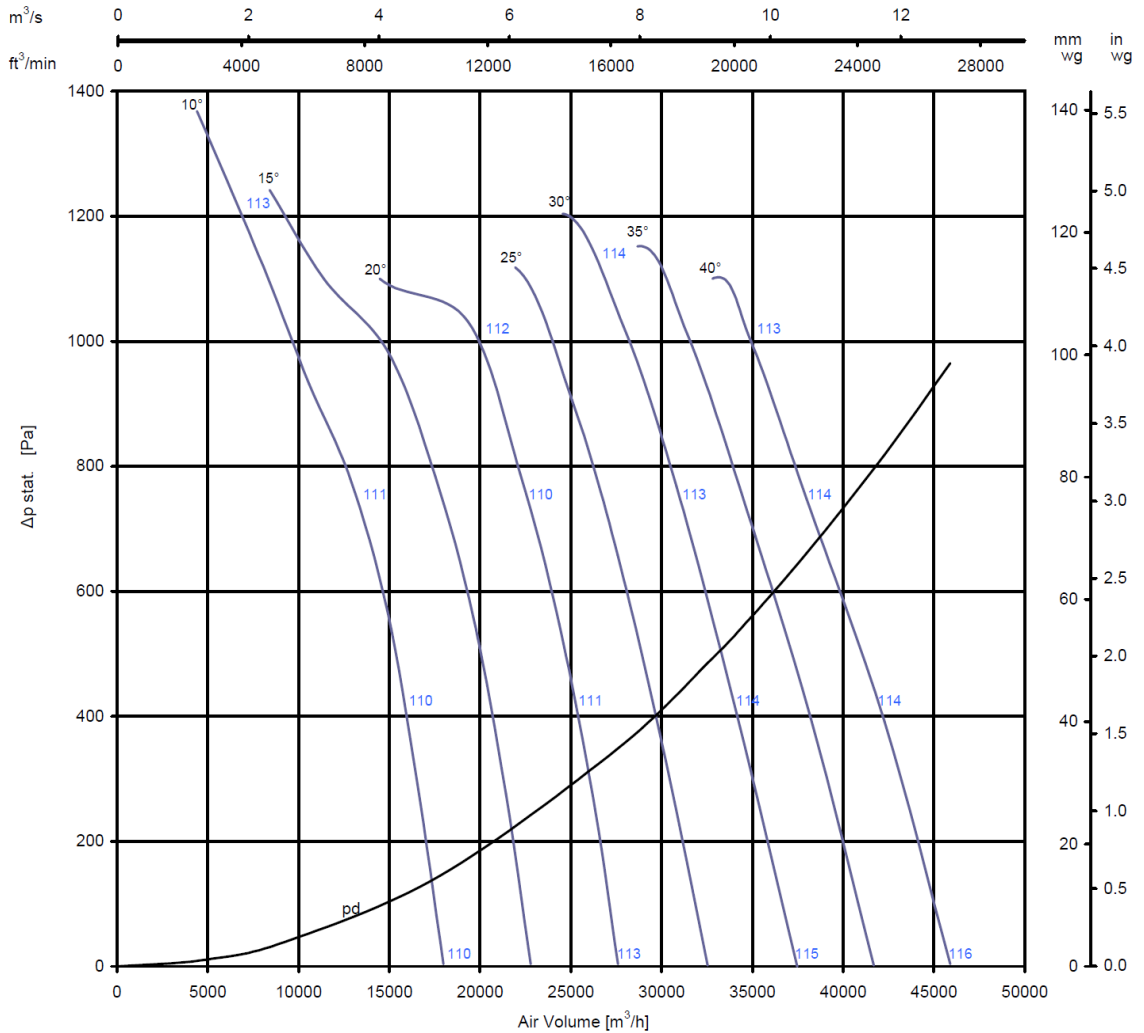
SOUND DATA

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.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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



- Performance certified 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.



SOUND DATA

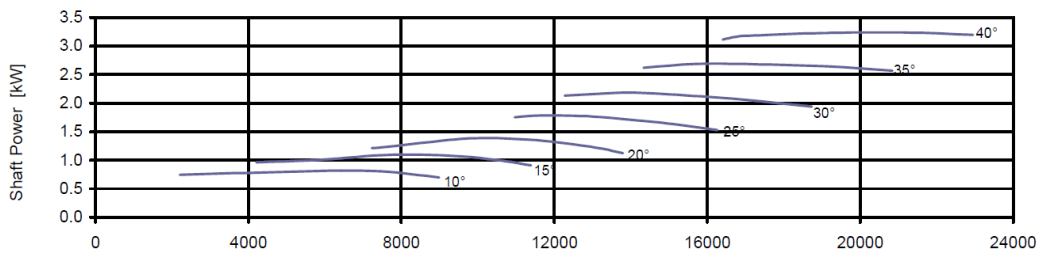
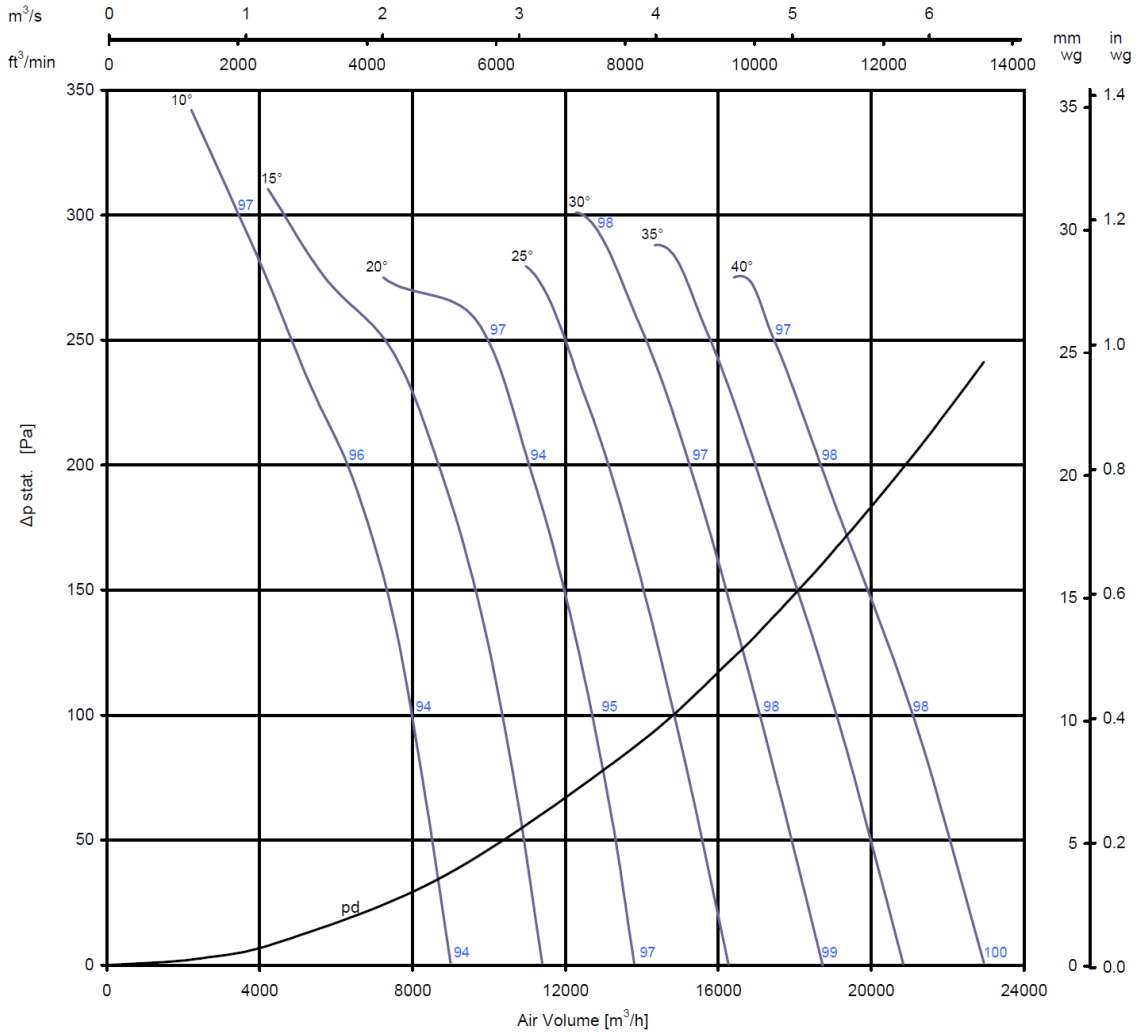
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	Inlet Levels								
	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 - p = 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.



SOUND DATA

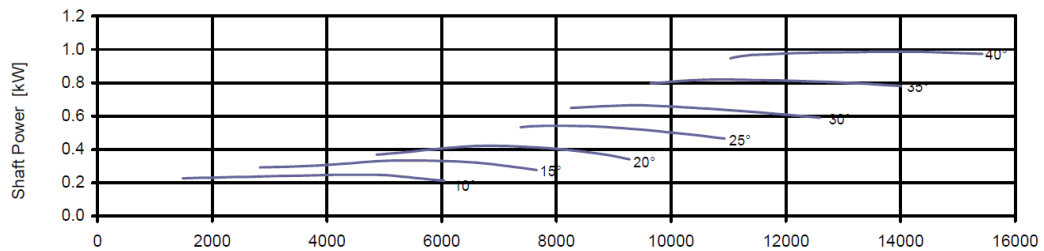
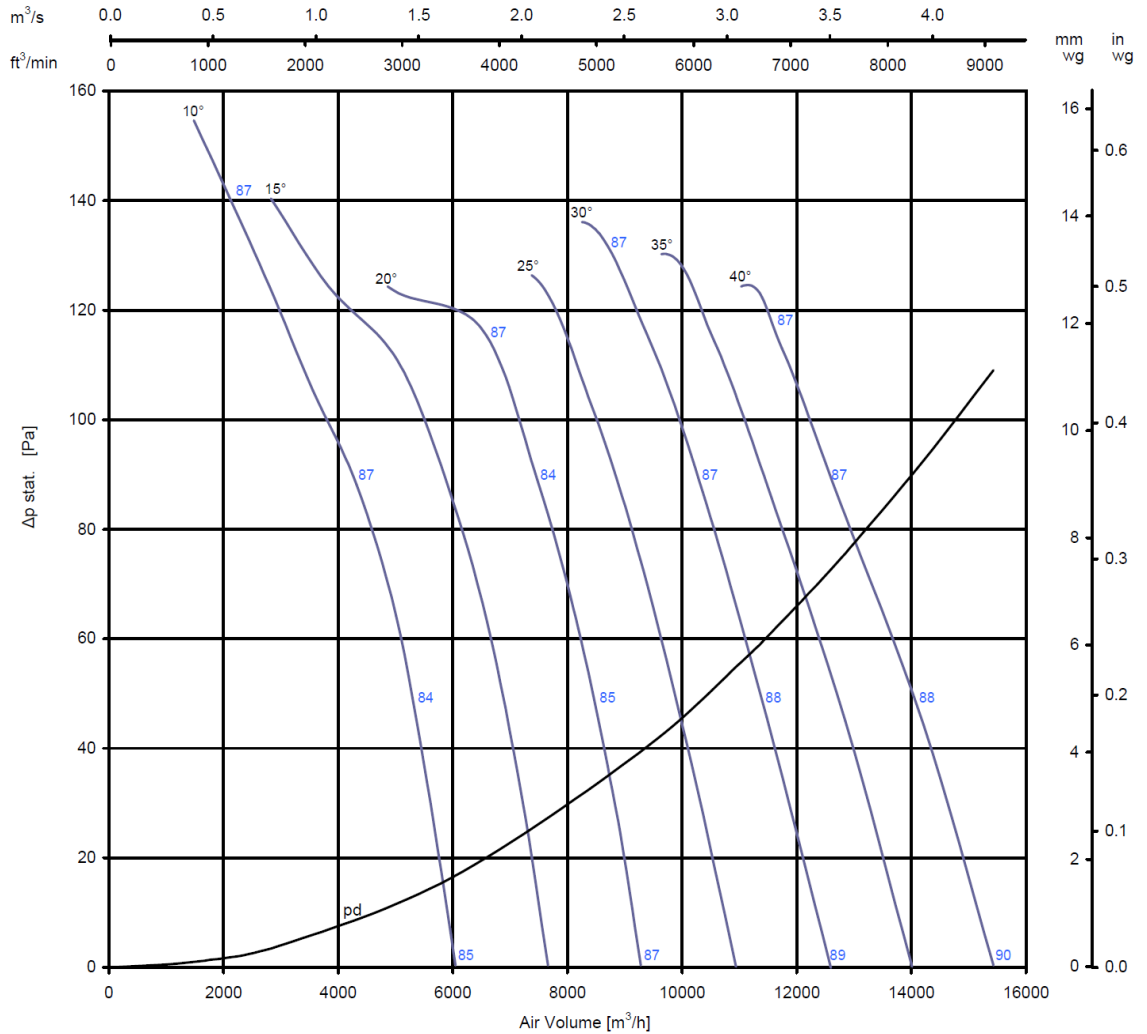
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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 - p = 1.2kg/m³, 20°C, 1013hPa



- Performance certified 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.



SOUND DATA

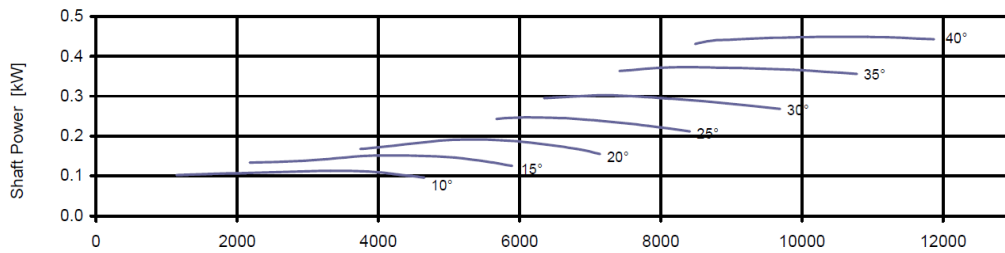
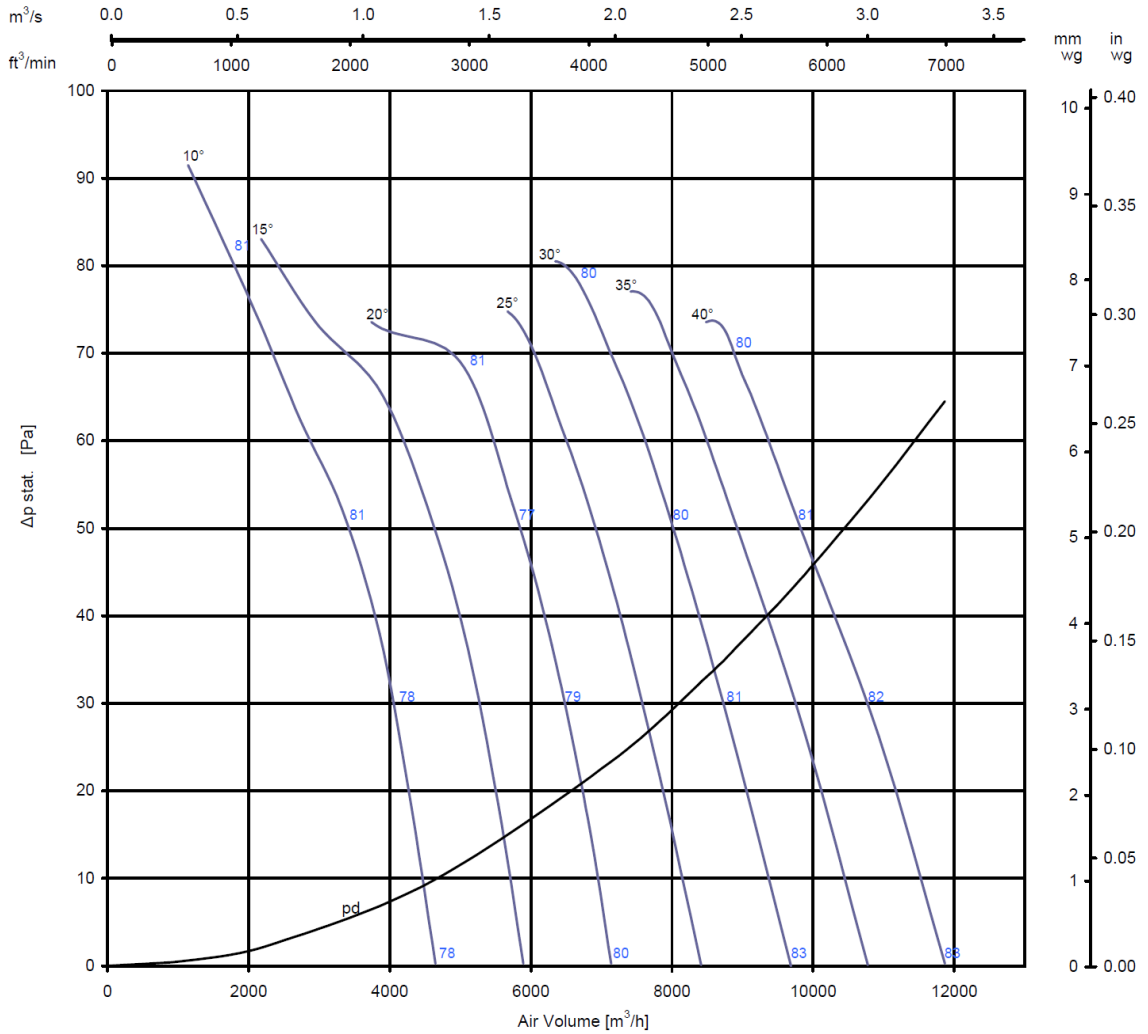
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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
	<120	-9	-8	-5	-6	-9	-14	-21	-29
20°	<80	-5	-6	-6	-9	-11	-14	-19	-26
	<120	-9	-8	-5	-6	-9	-14	-21	-29
	<130	-5	-5	-6	-9	-13	-17	-22	-27
30°	<60	-5	-6	-7	-9	-13	-17	-21	-26
	<120	-4	-6	-6	-9	-13	-18	-24	-29
	<120	-5	-6	-7	-9	-13	-18	-22	-25
40°	<60	-4	-6	-6	-9	-13	-18	-24	-29
	<120	-5	-6	-7	-9	-13	-18	-22	-25
	<120	-5	-6	-7	-9	-13	-18	-22	-25

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



- Performance certified 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.



SOUND DATA

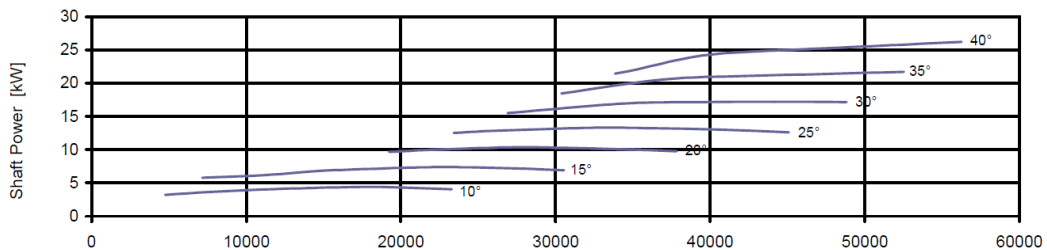
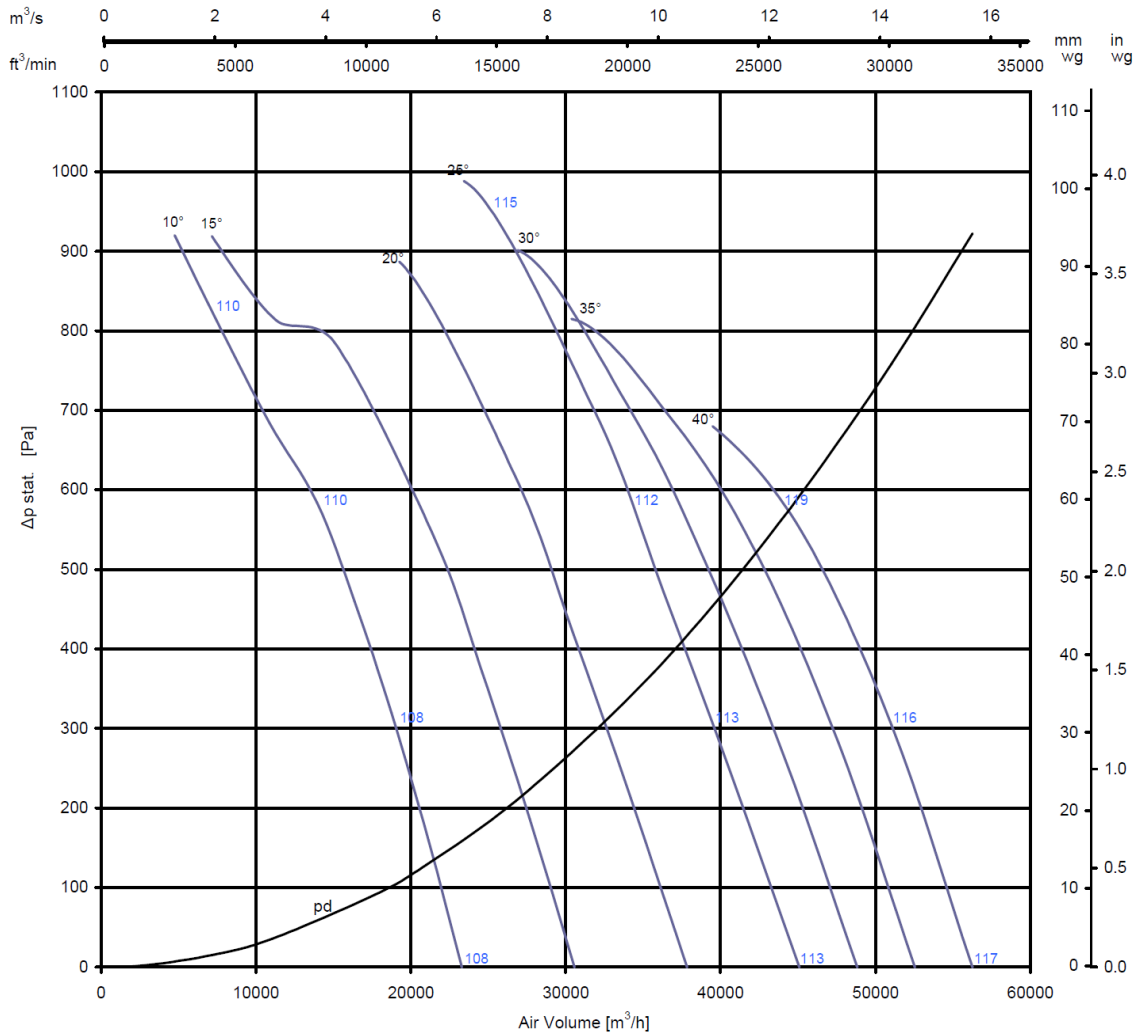
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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 - $p = 1.2kg/m^3$, 20°C, 1013hPa



- Performance certified 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.



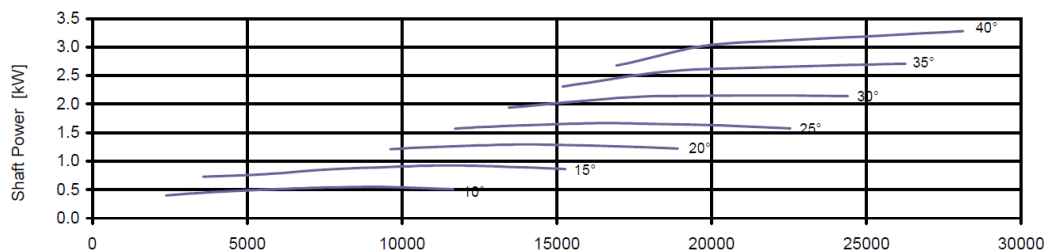
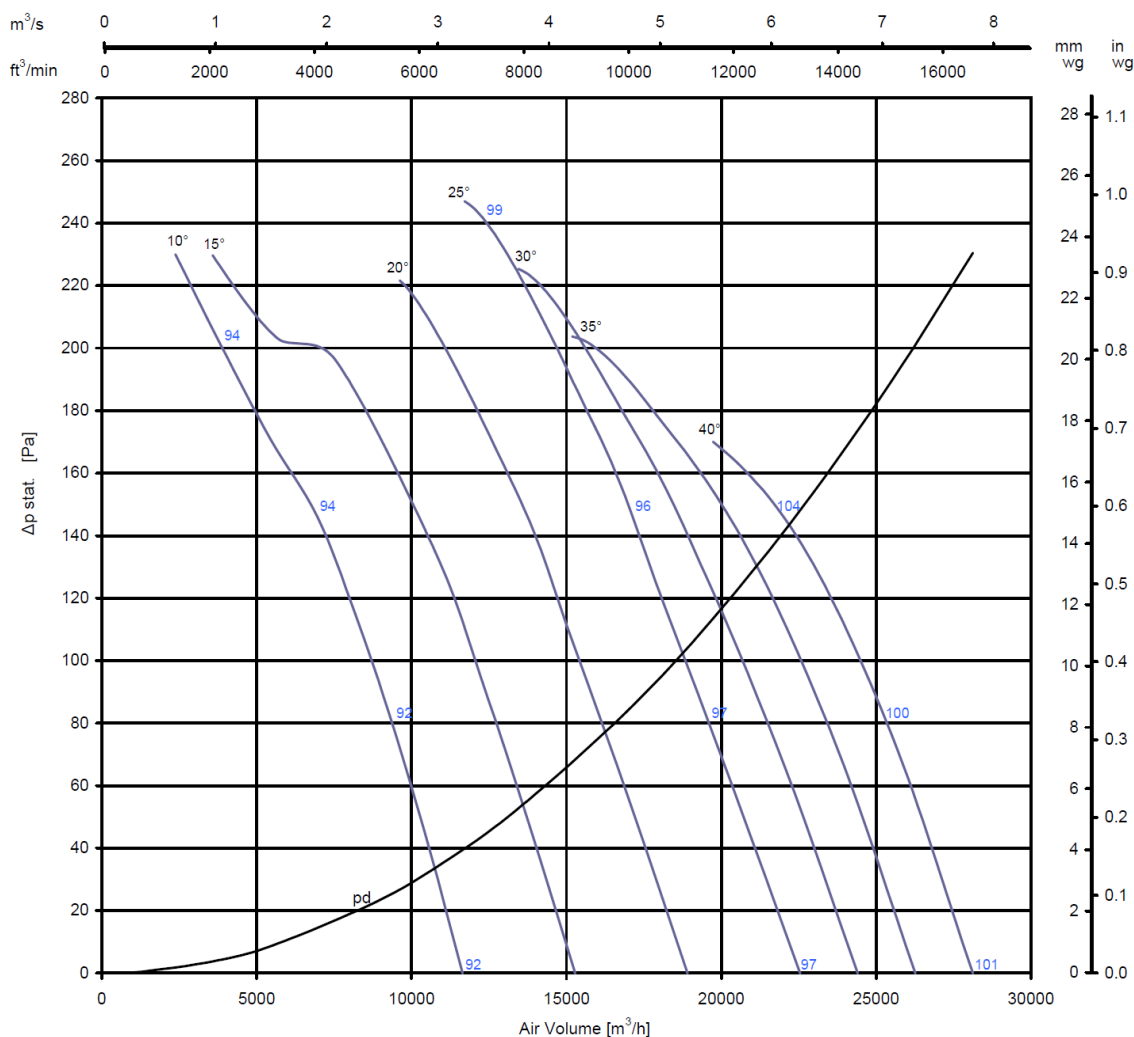
SOUND DATA

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.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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



- Performance certified 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.



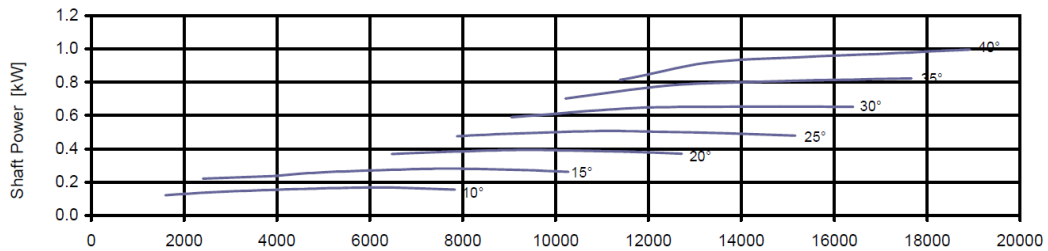
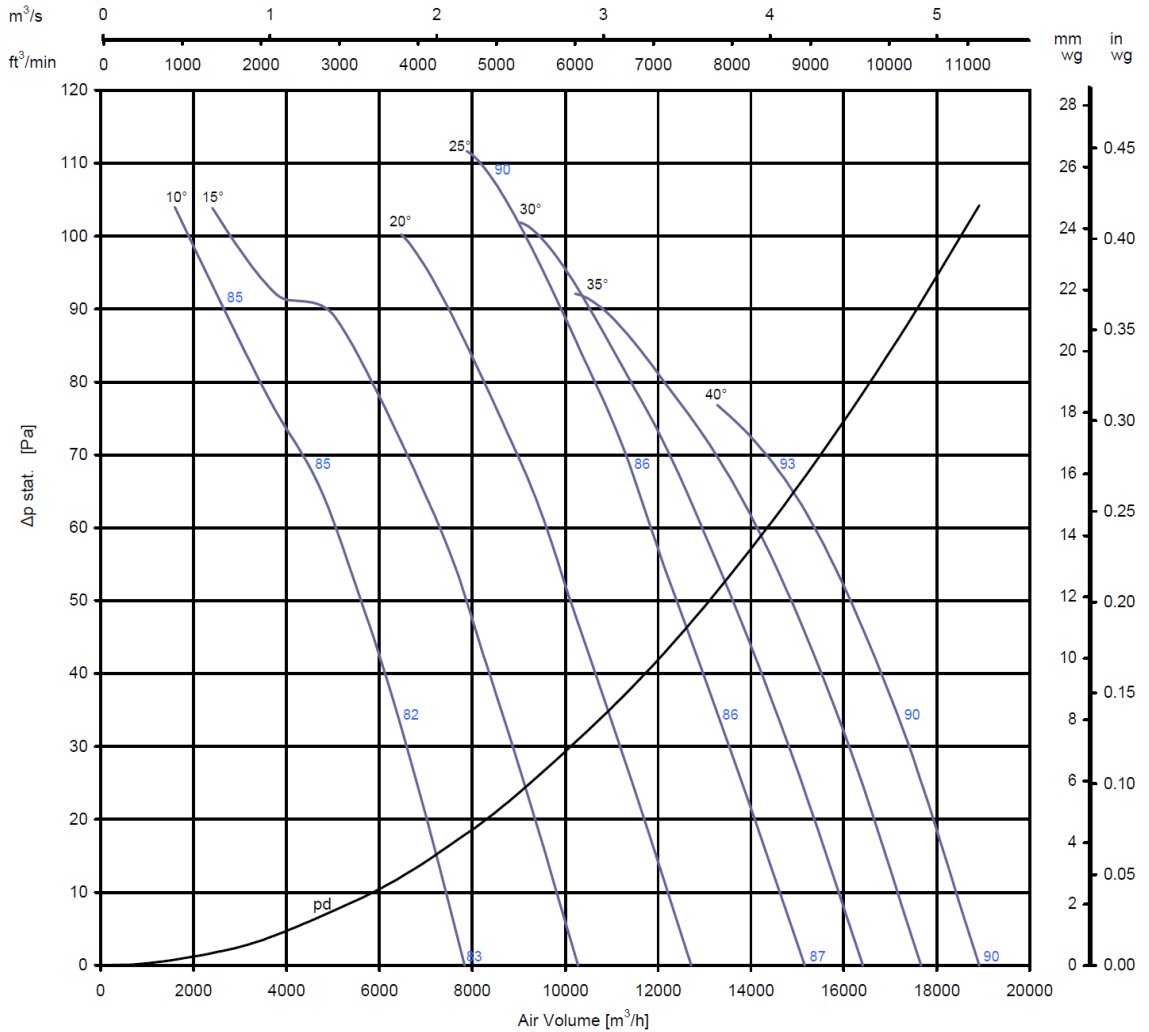
SOUND DATA

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.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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



- Performance certified 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.



SOUND DATA

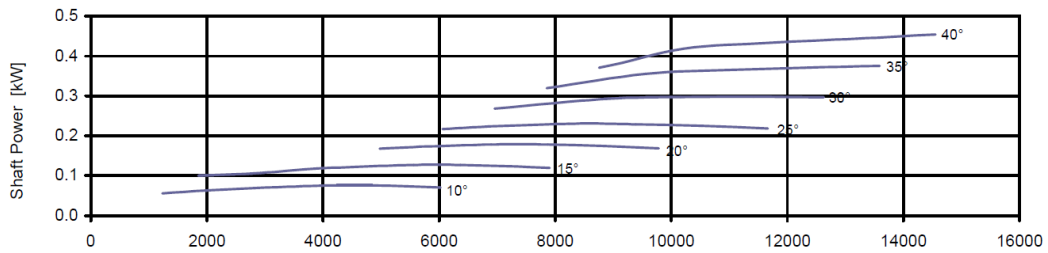
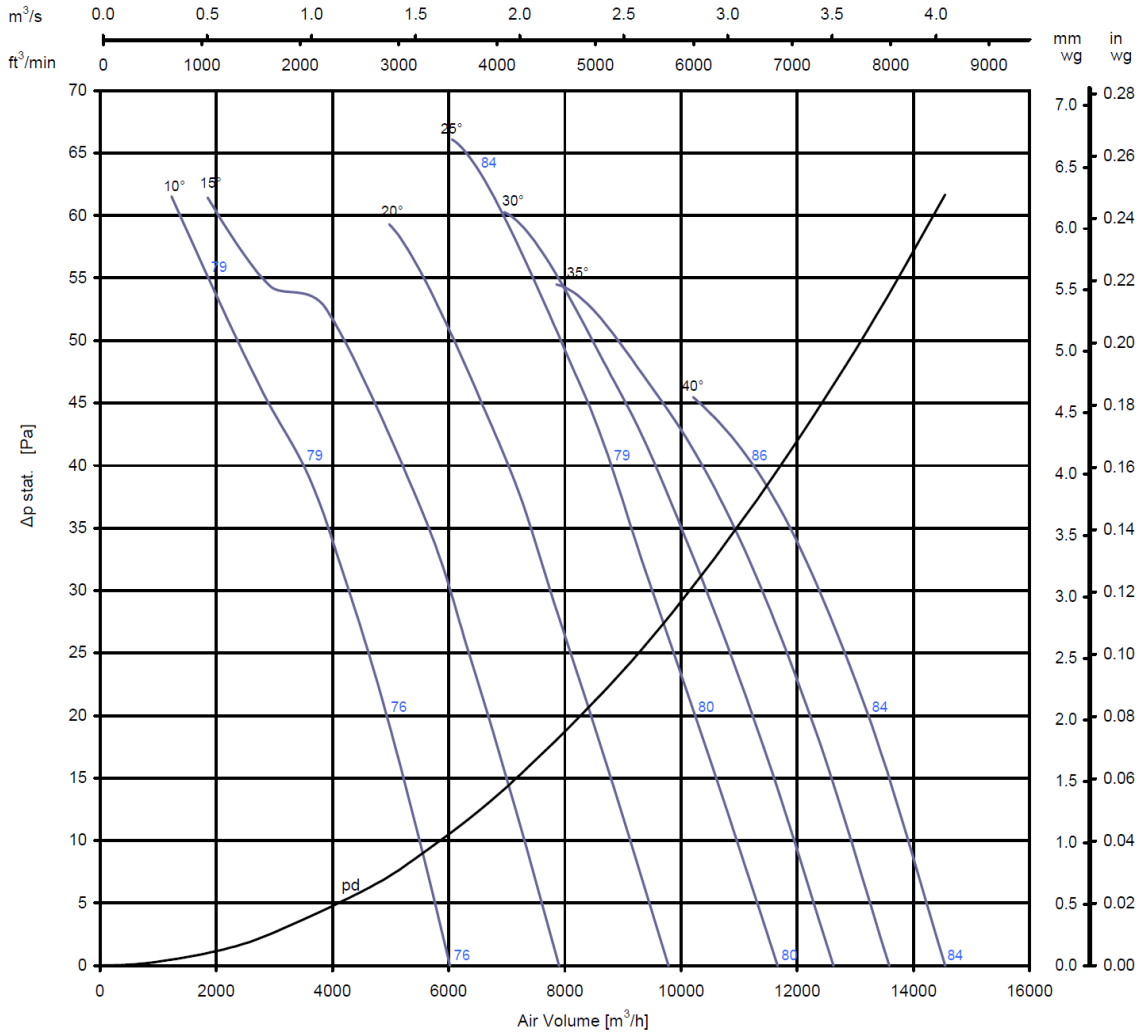
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<50	-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 - $p = 1.2 \text{ kg/m}^3$, 20°C, 1013hPa



- Performance certified 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.



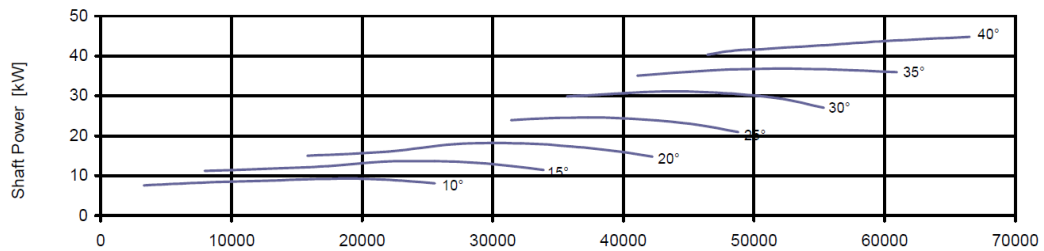
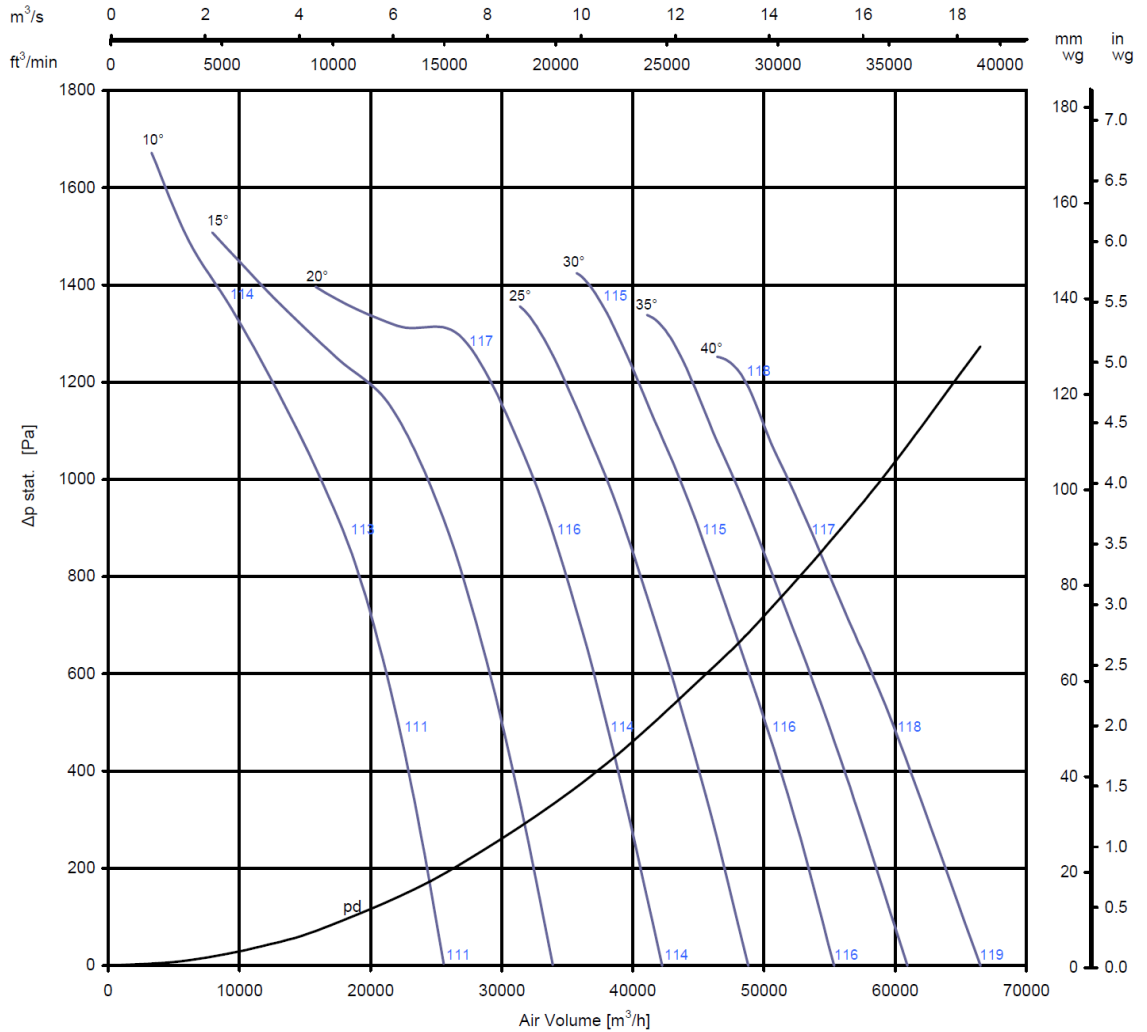
SOUND DATA

Single figure on performance curves are overall inlet L_{wi} 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.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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



- Performance certified 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 L_{wi} sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



SOUND DATA

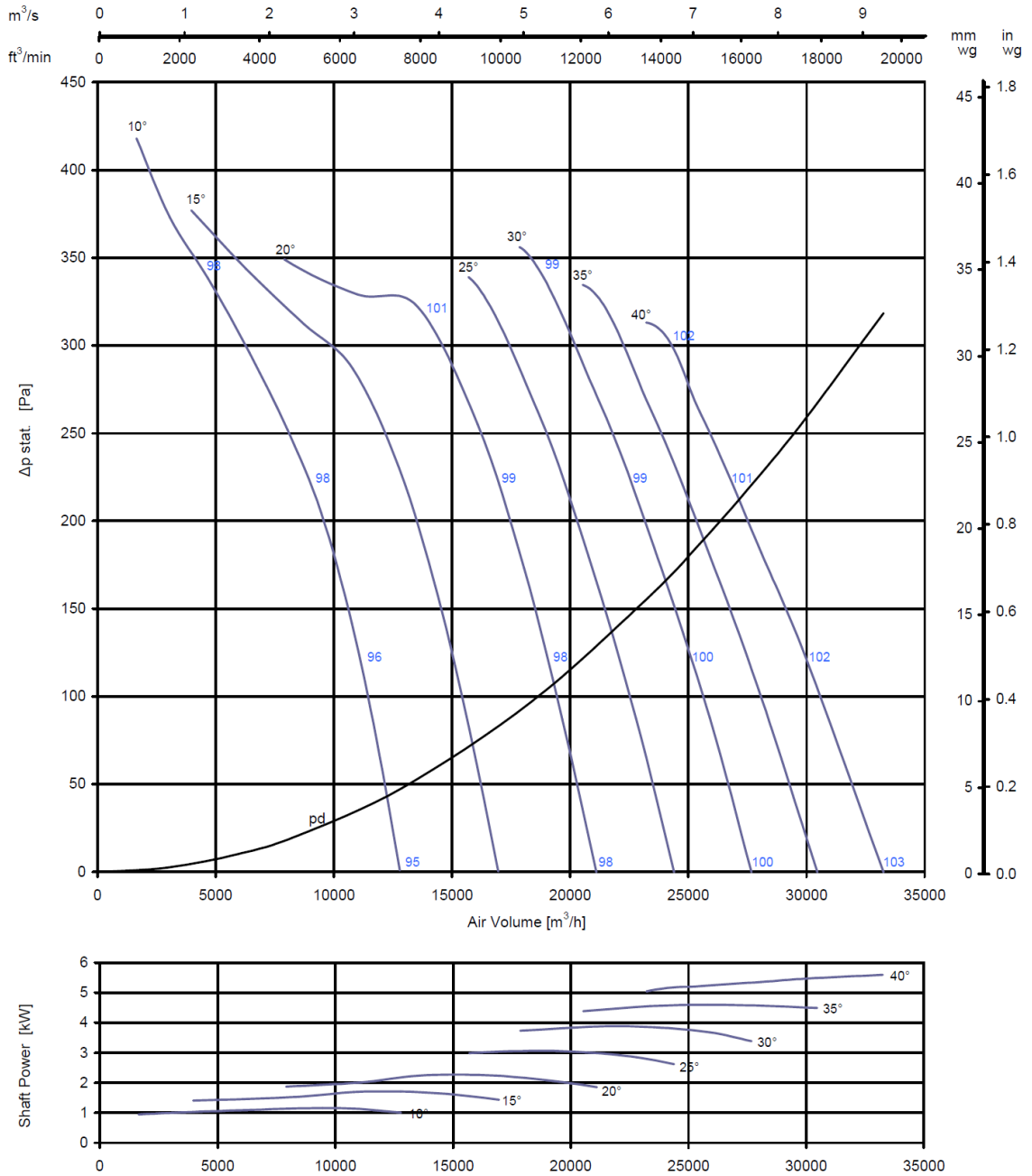
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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 - $p = 1.2 kg/m^3$, 20°C, 1013hPa



- Performance certified 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.



SOUND DATA

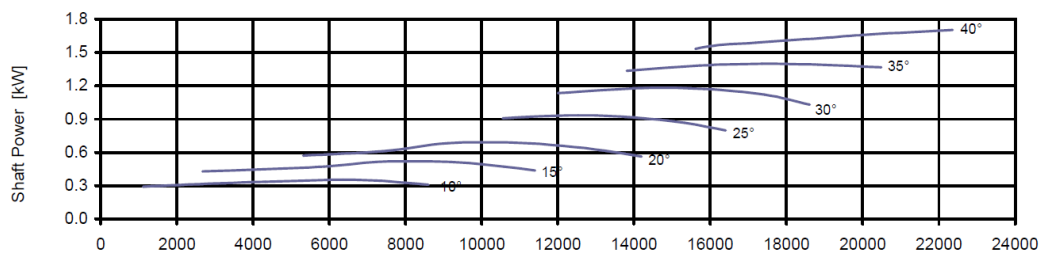
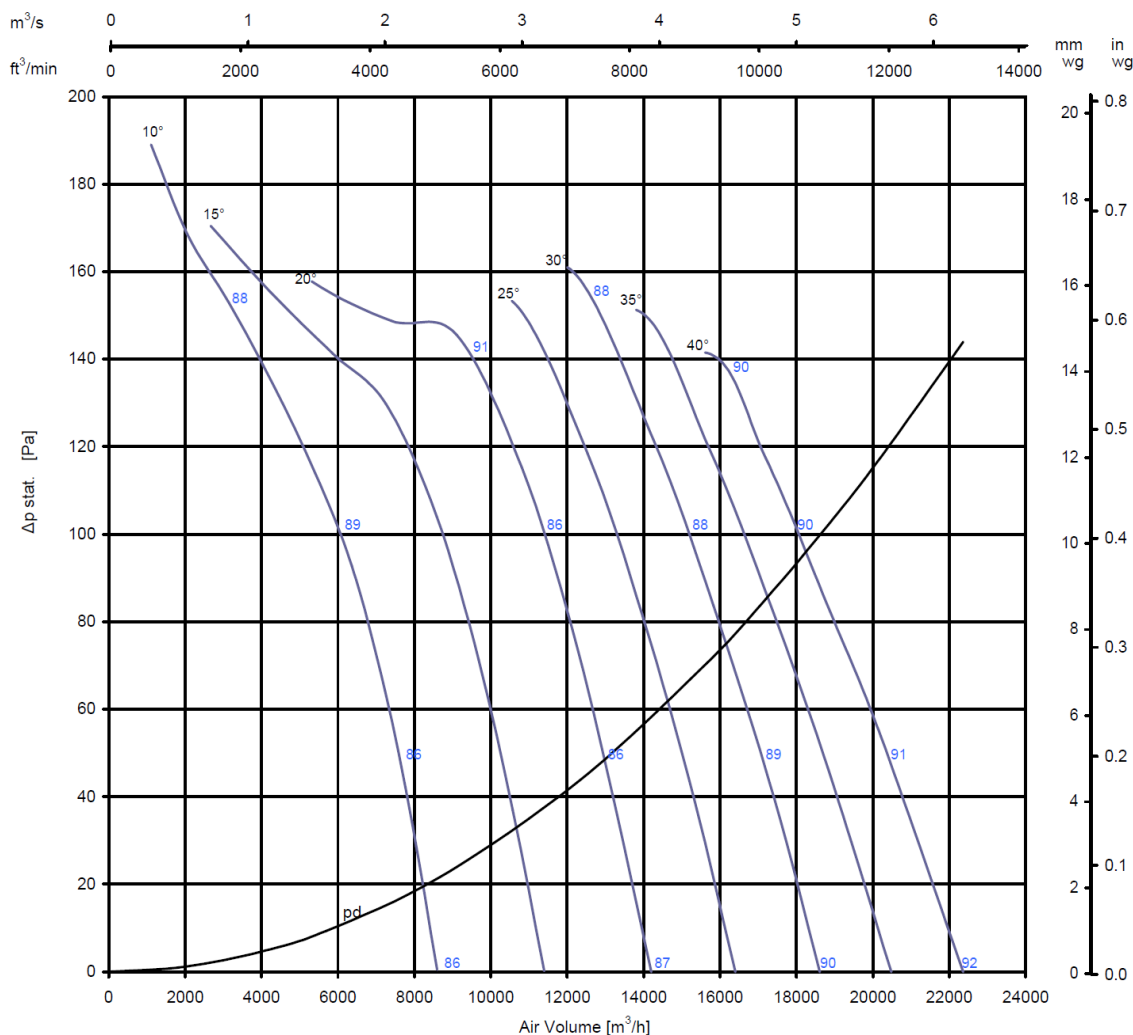
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP_{stat} [Pa]	Inlet Levels							
		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
	<320	-2	-16	-5	-6	-9	-13	-19	-25
20°	<200	-3	-12	-5	-9	-11	-14	-17	-22
	<350	-5	-13	-4	-10	-12	-14	-19	-23
	<300	-3	-12	-5	-10	-12	-15	-20	-25
30°	<200	-4	-11	-4	-9	-12	-15	-19	-25
	<350	-5	-13	-4	-10	-12	-14	-19	-23
	<300	-3	-12	-5	-10	-12	-15	-20	-25
40°	<200	-3	-12	-5	-10	-12	-15	-20	-25
	<350	-3	-13	-5	-10	-12	-15	-20	-25
	<300	-3	-13	-5	-10	-12	-15	-20	-25

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



- Performance certified 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.



SOUND DATA

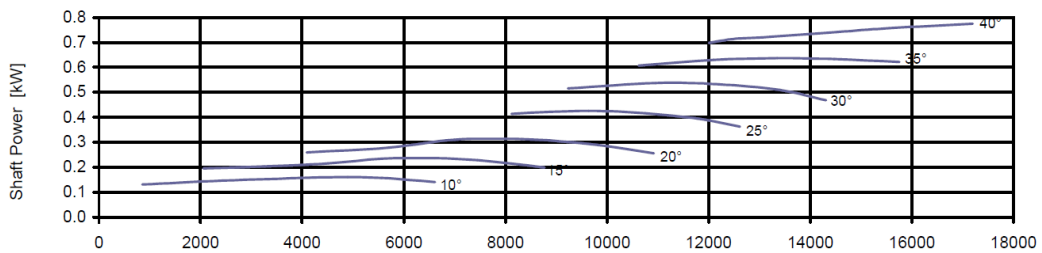
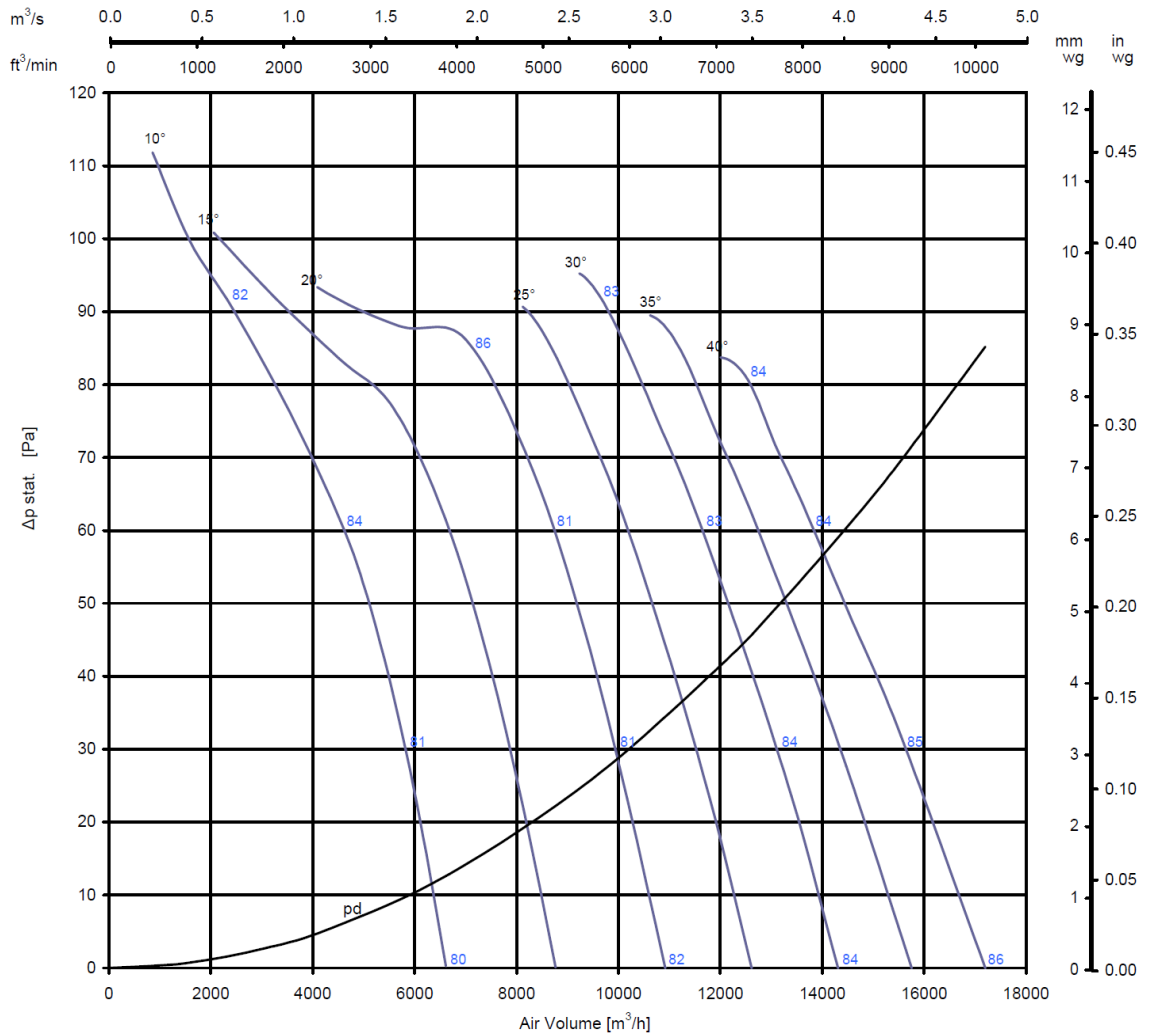
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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 - $p = 1.2kg/m^3$, 20°C, 1013hPa



- Performance certified 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.



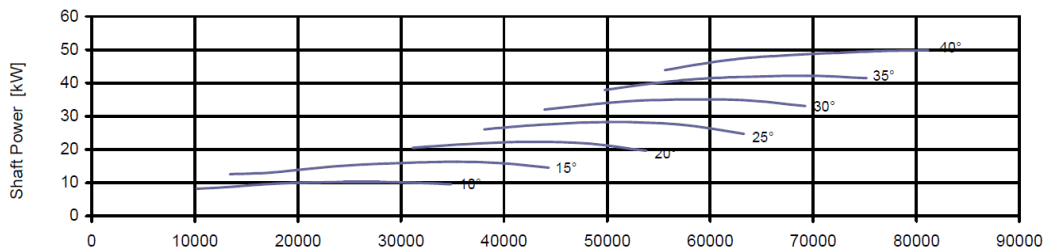
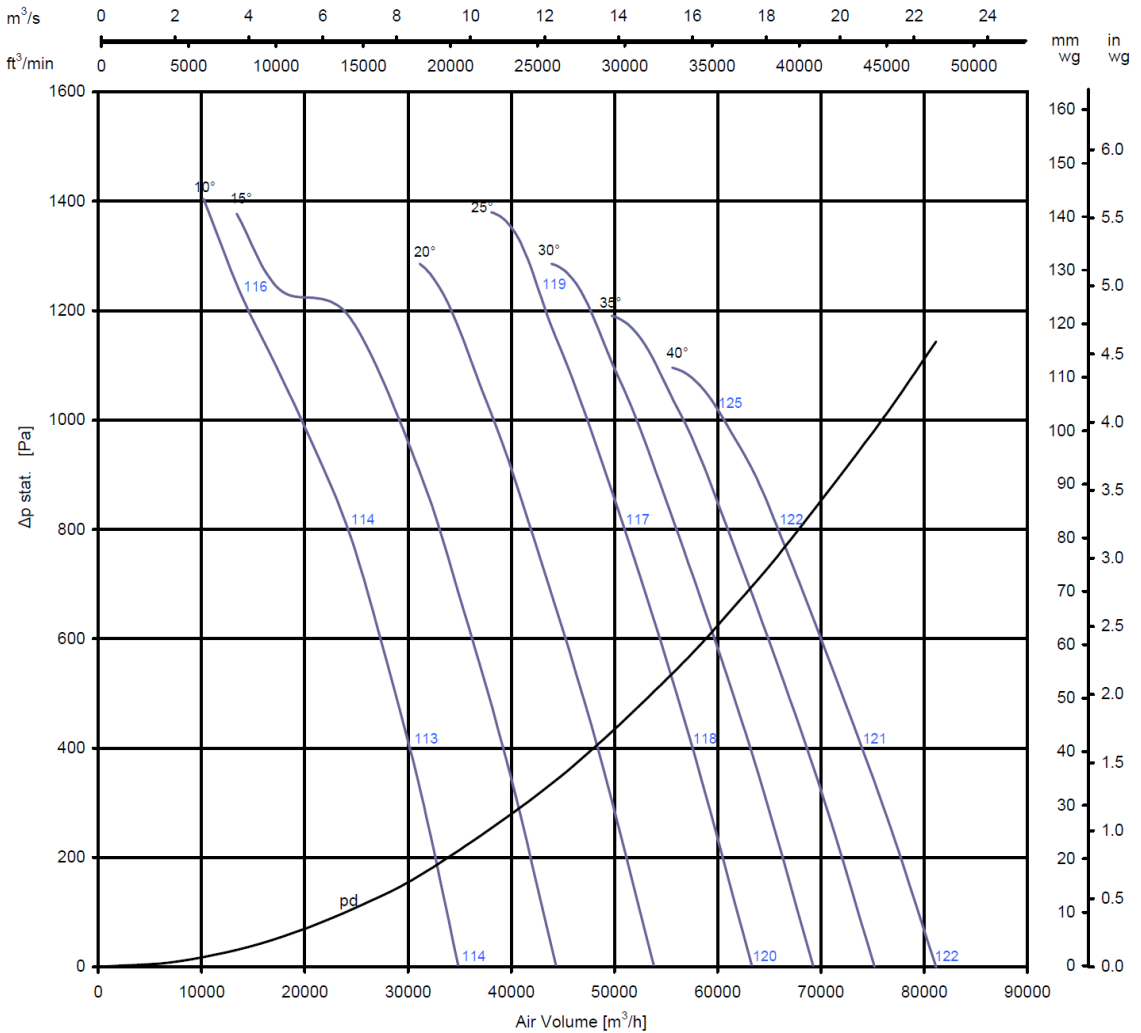
SOUND DATA

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	-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



- Performance certified 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.



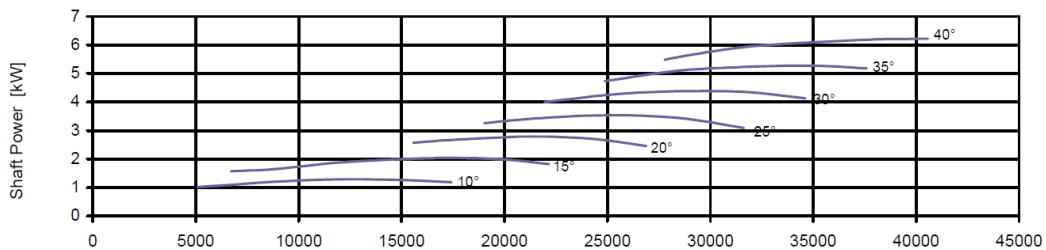
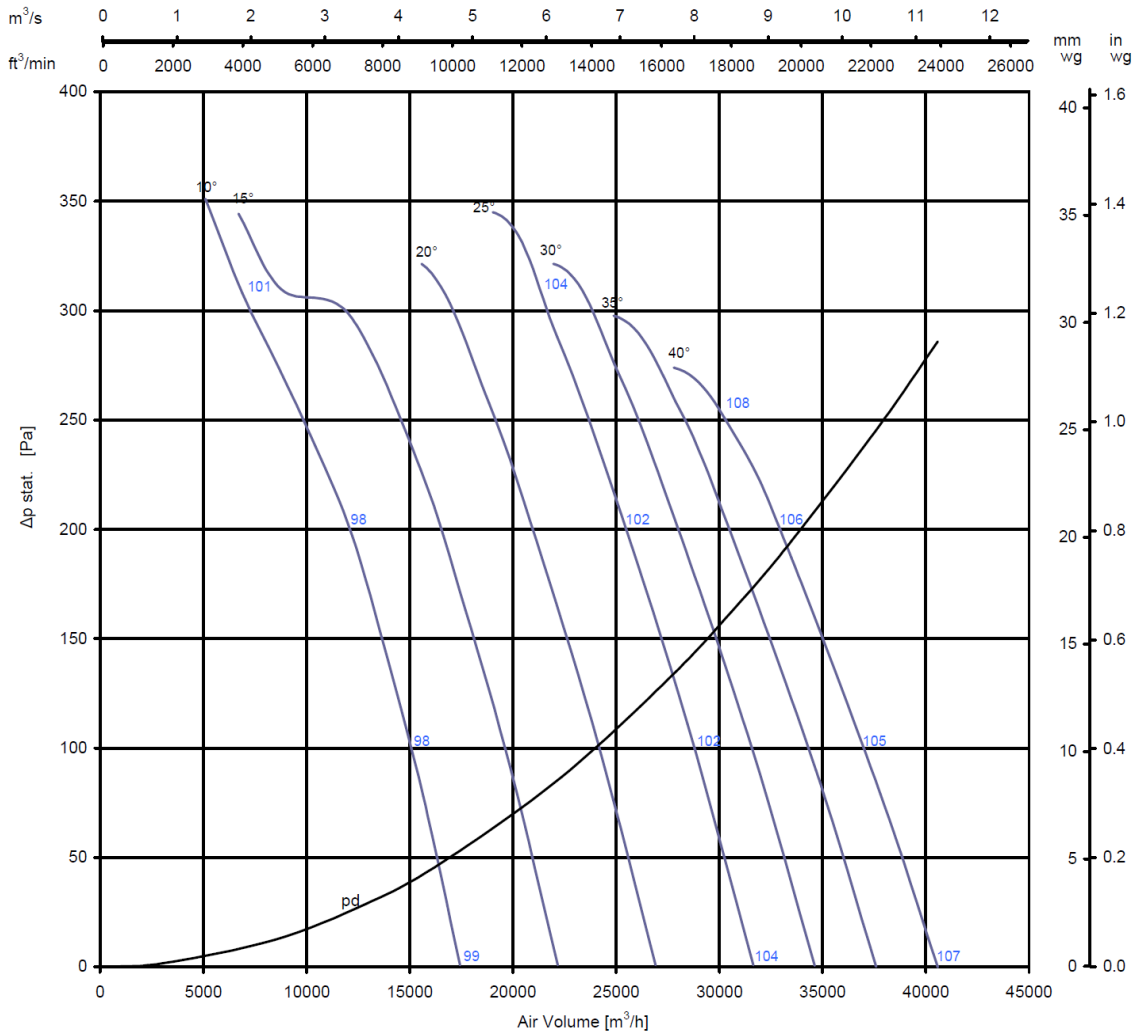
SOUND DATA

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.

Pitch Angle	ΔP_{stat} [Pa]	Inlet Levels							
		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



- Performance certified 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.



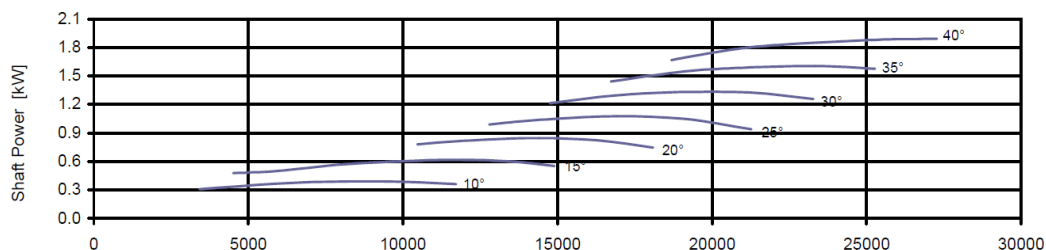
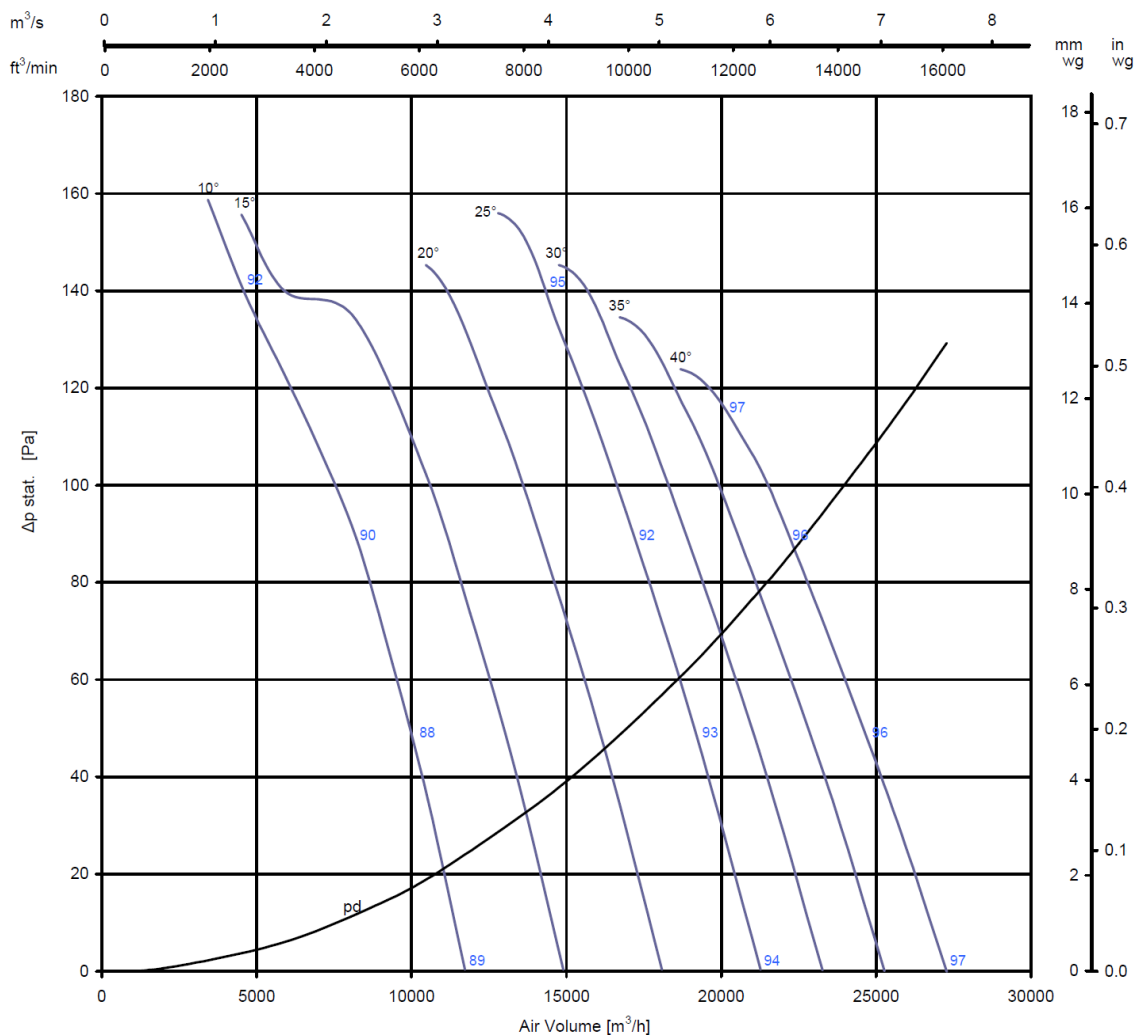
SOUND DATA

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.

Pitch Angle	Inlet Levels								
	$\Delta P_{stat.}$ [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	-6	-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



- Performance certified 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.



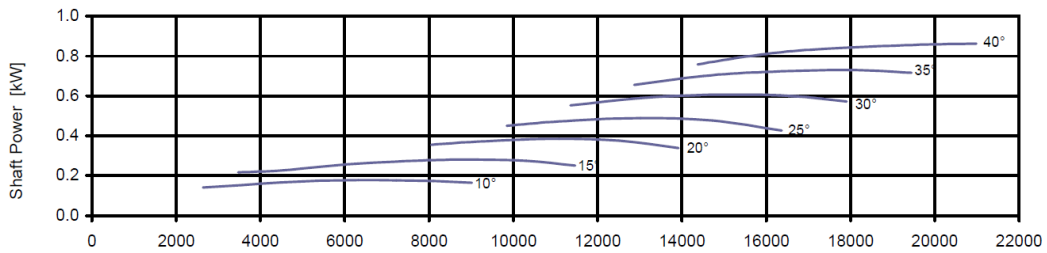
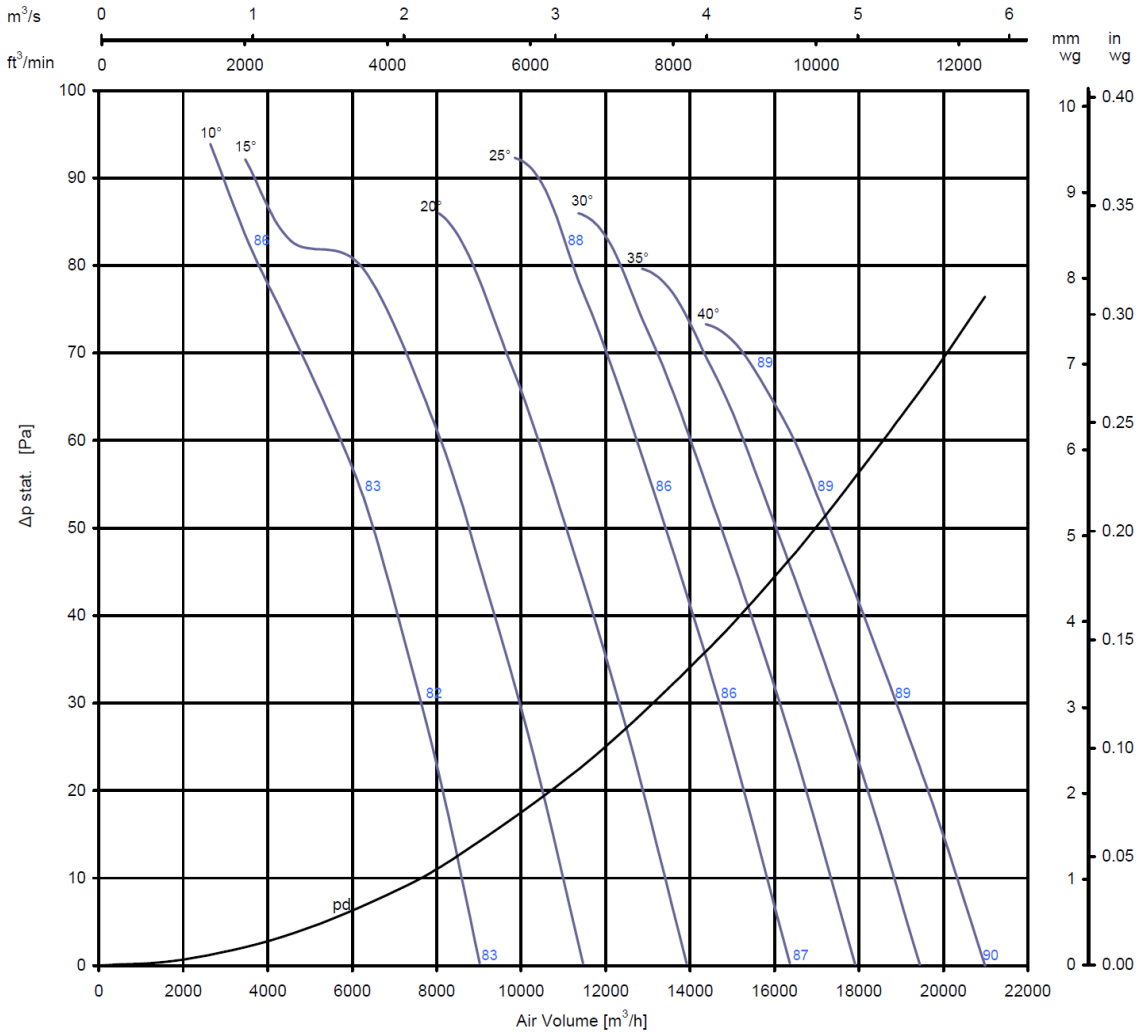
SOUND DATA

Single figure on performance curves are overall inlet Lw 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.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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



- Performance certified 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 Lw sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



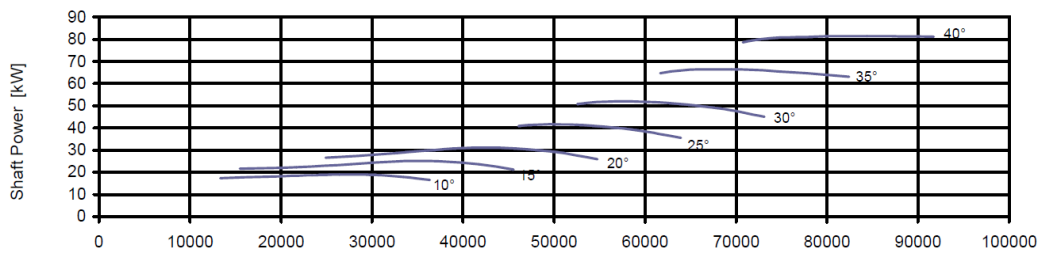
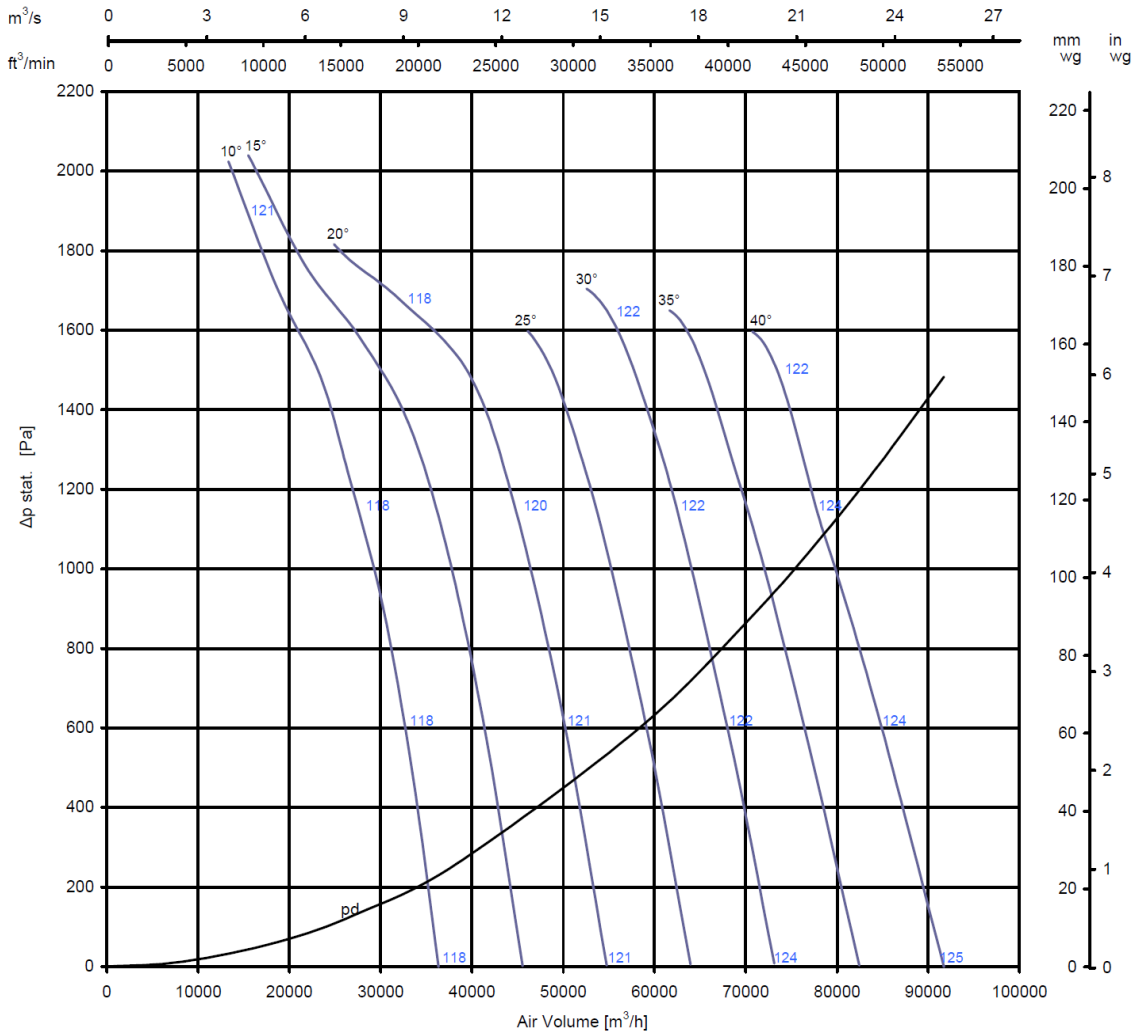
SOUND DATA

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	$\Delta P_{stat.}$ [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



- Performance certified 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.



SOUND DATA

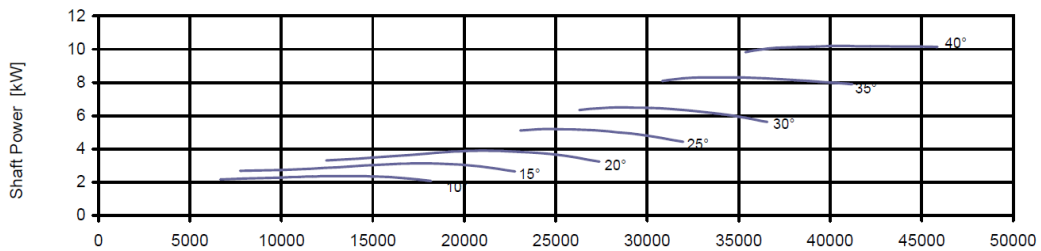
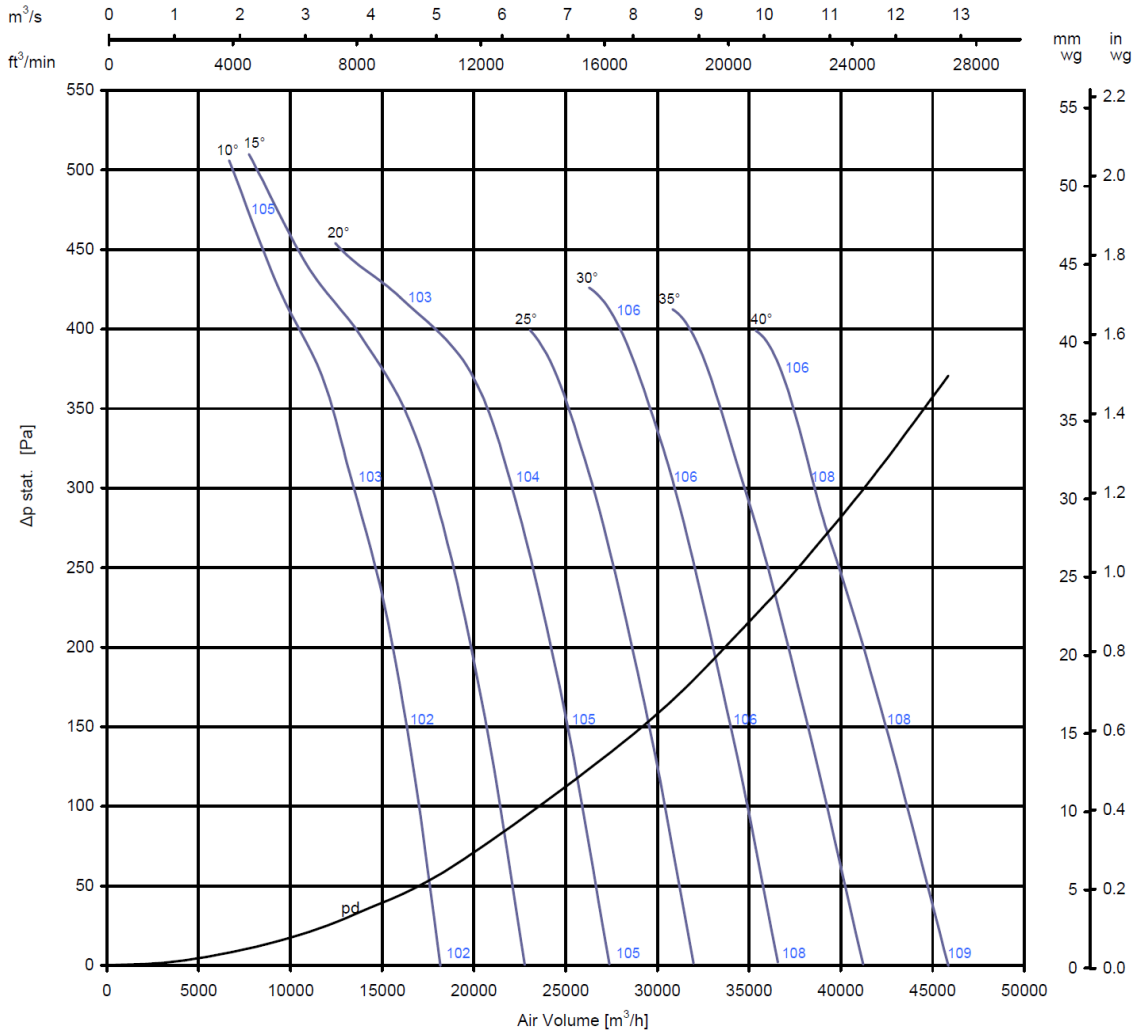
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

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

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



- Performance certified 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.



SOUND DATA

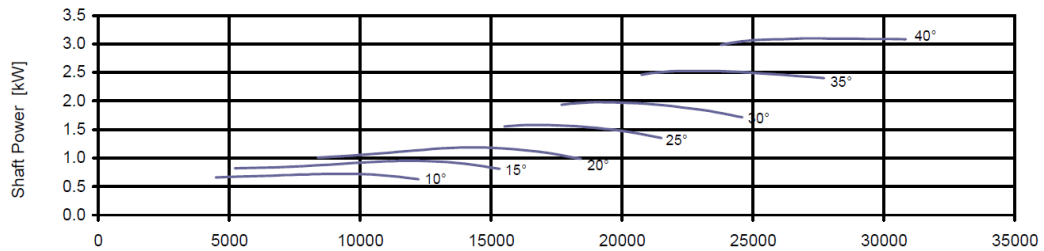
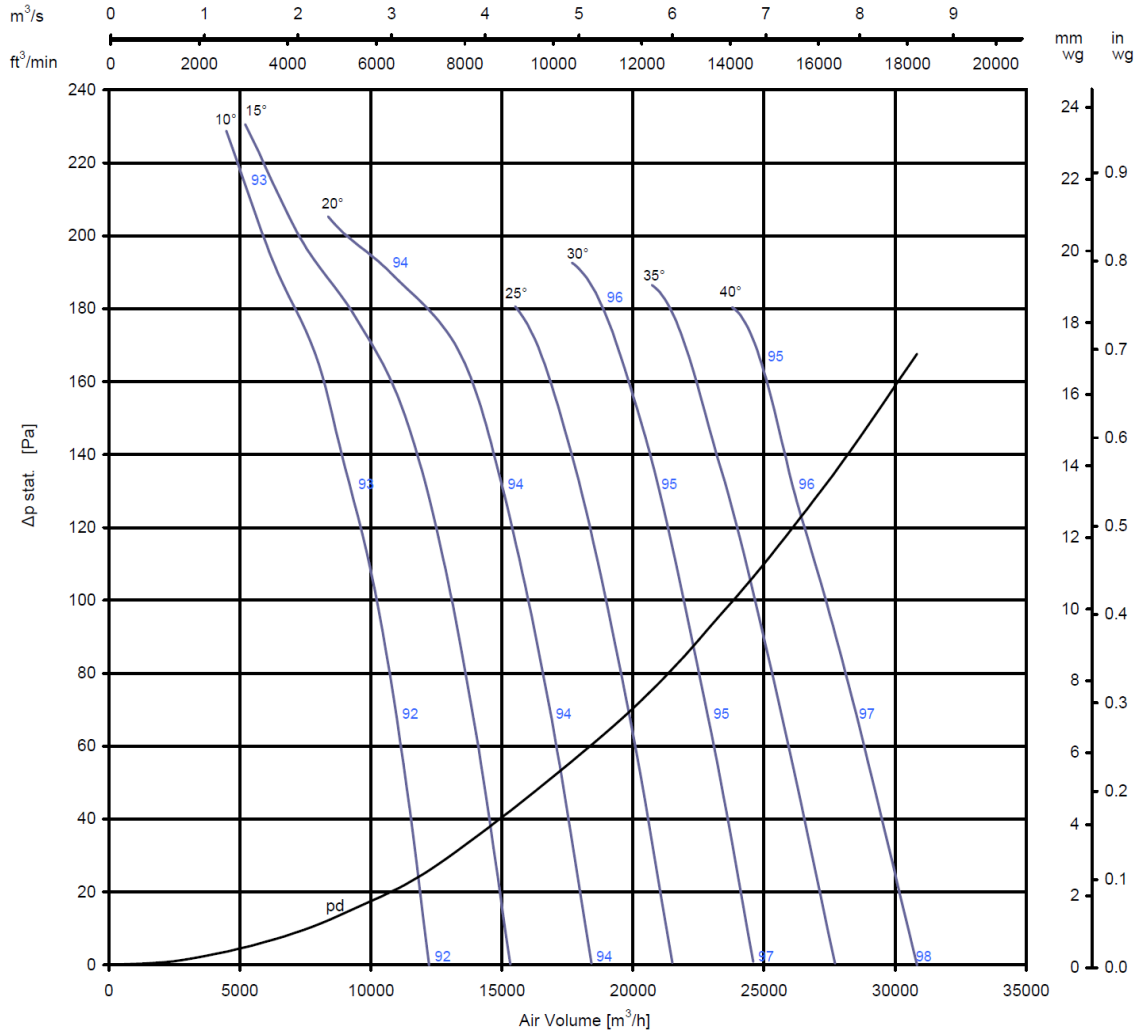
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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
	<400	-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 - p = 1.2kg/m³, 20°C, 1013hPa



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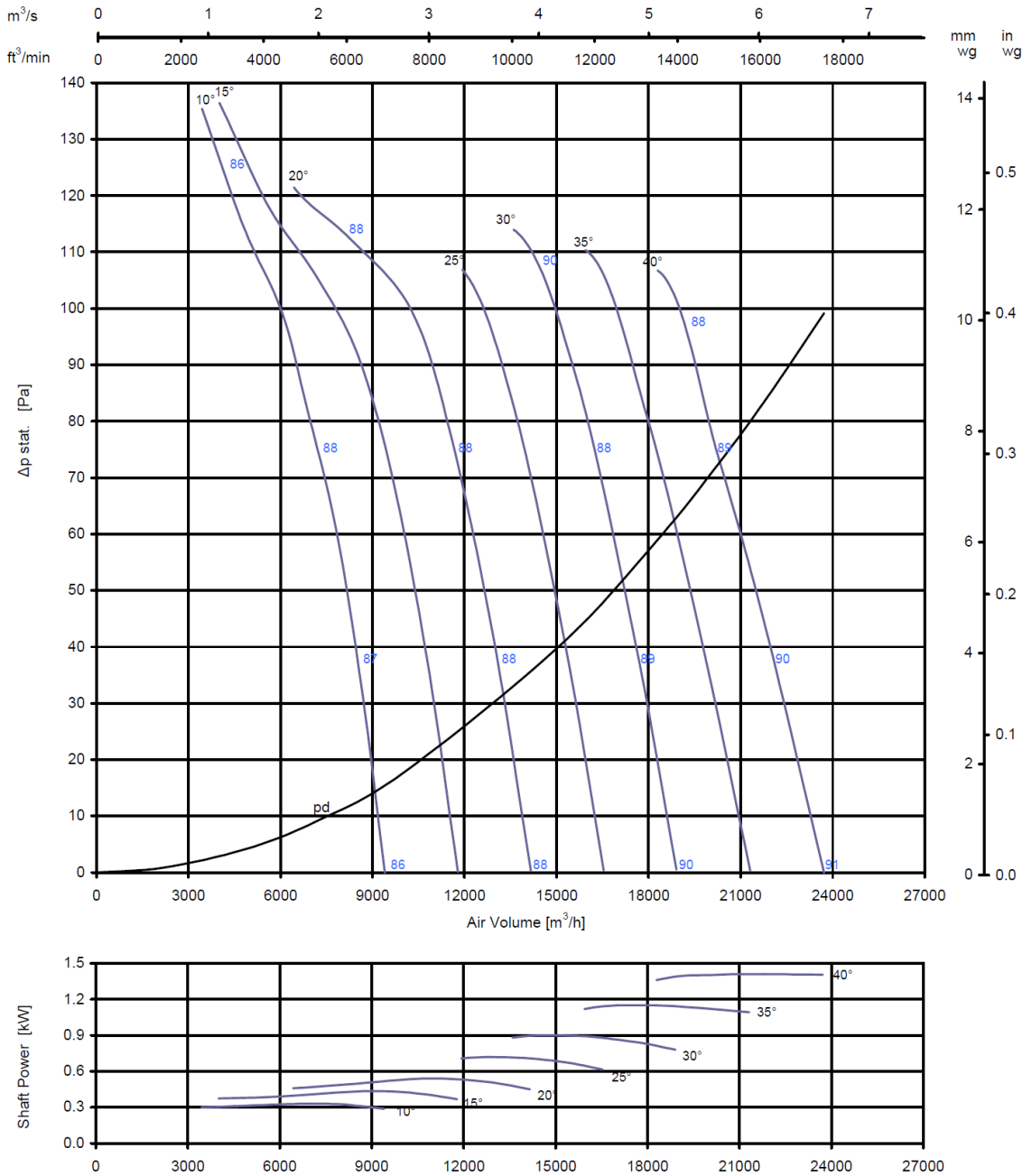
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	$\Delta P \text{ stat. [Pa]}$	Inlet Levels							
		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 - $p = 1.2 \text{ kg/m}^3$, 20°C, 1013hPa



- Performance certified 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.



SOUND DATA

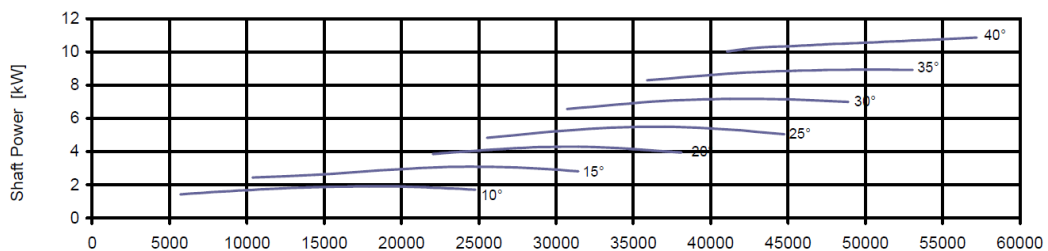
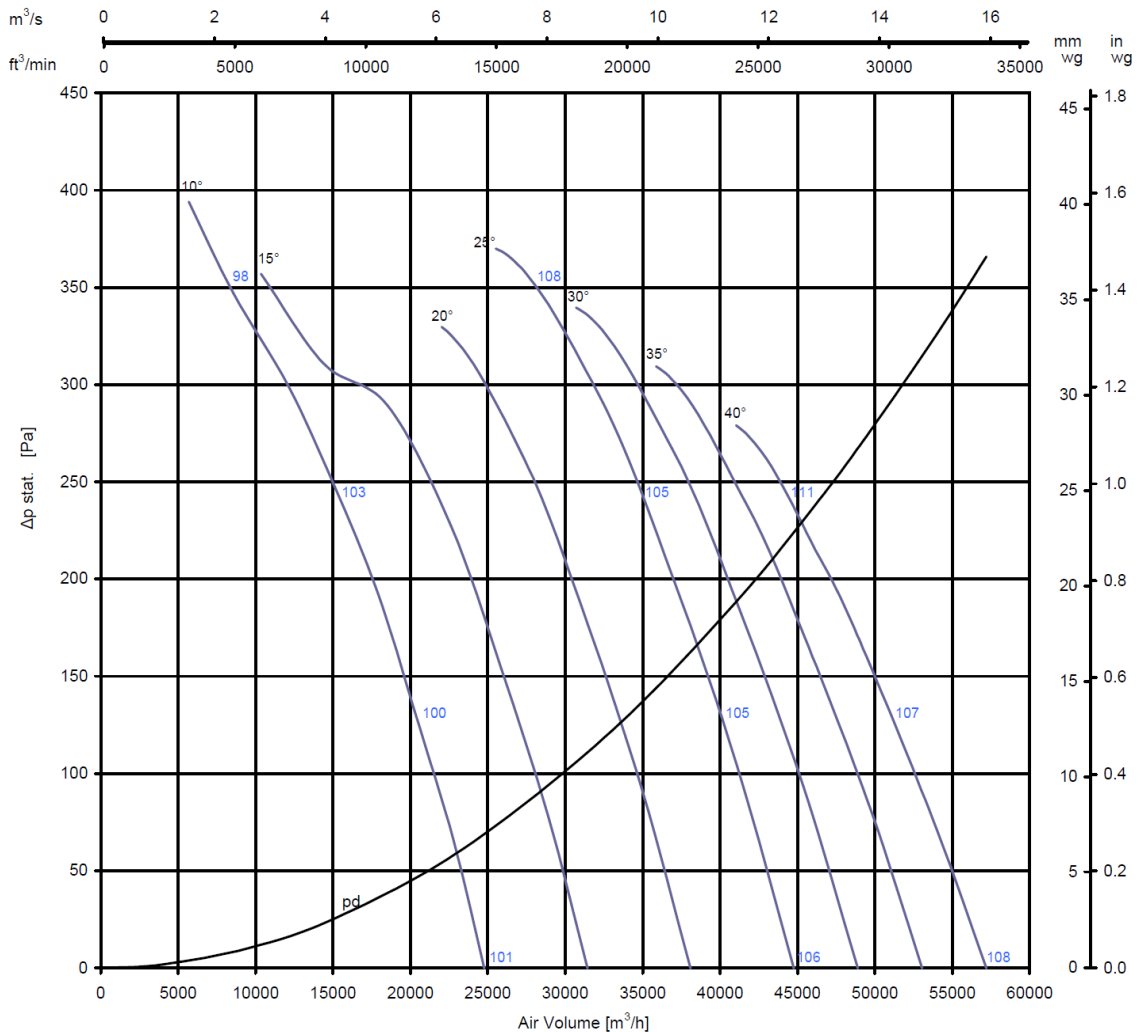
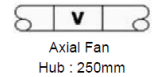
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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 - p = 1.2kg/m³, 20°C, 1013hPa



- Performance certified 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.



SOUND DATA

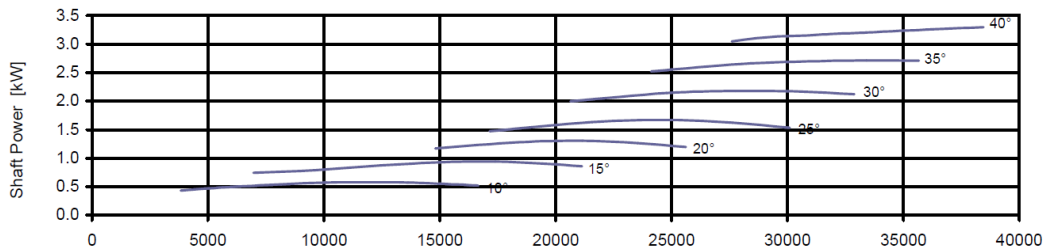
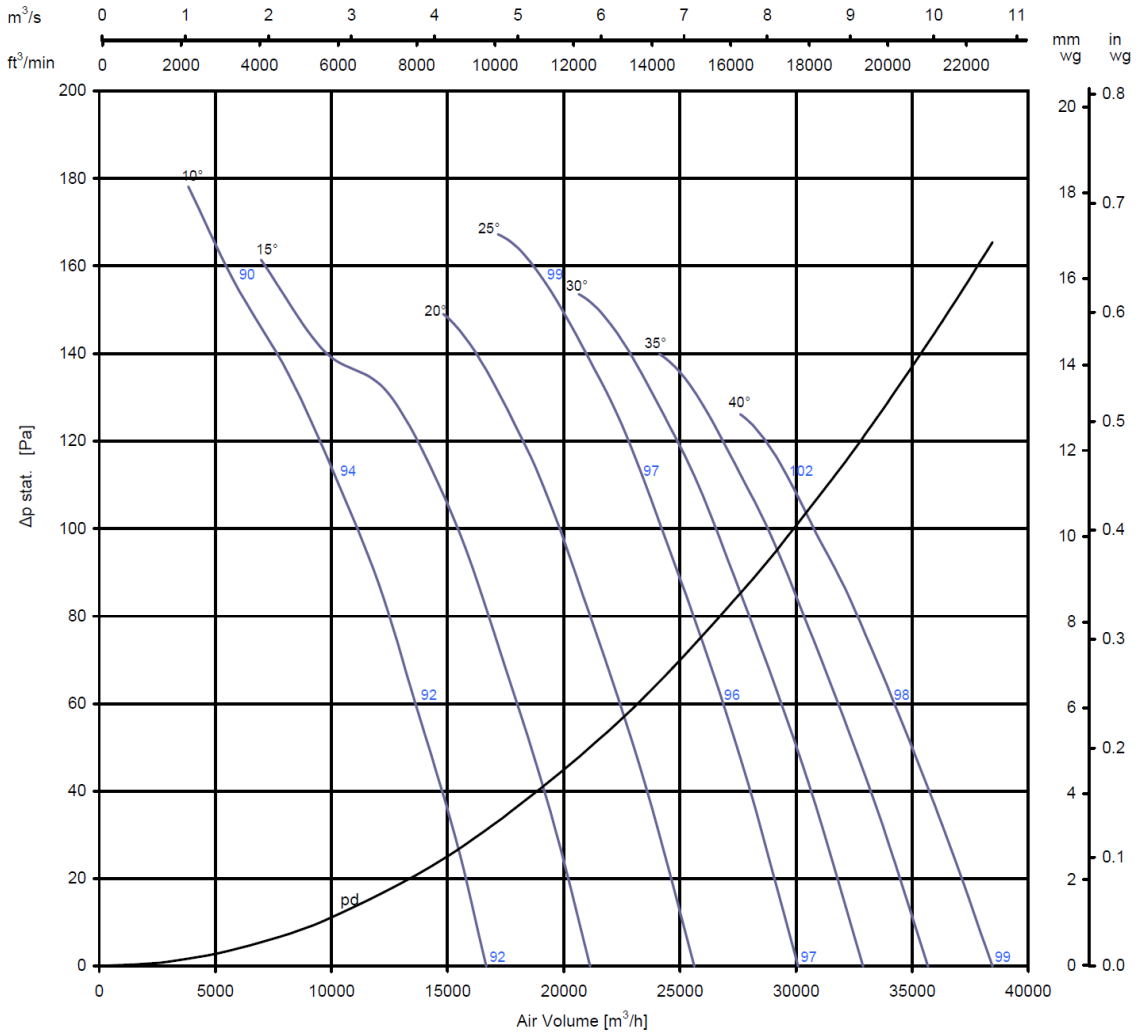
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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 - $p = 1.2 kg/m^3$, 20°C, 1013hPa



- Performance certified 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.



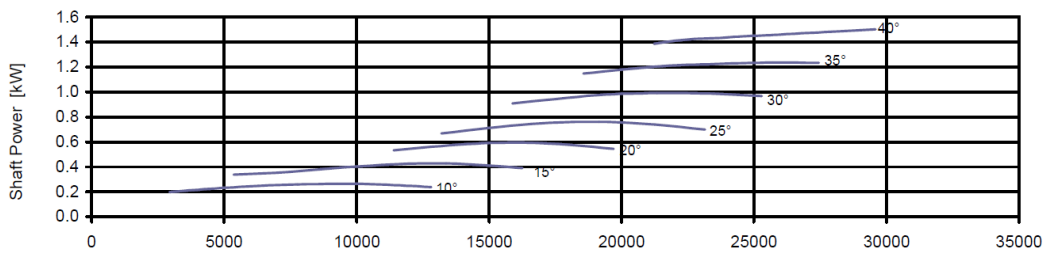
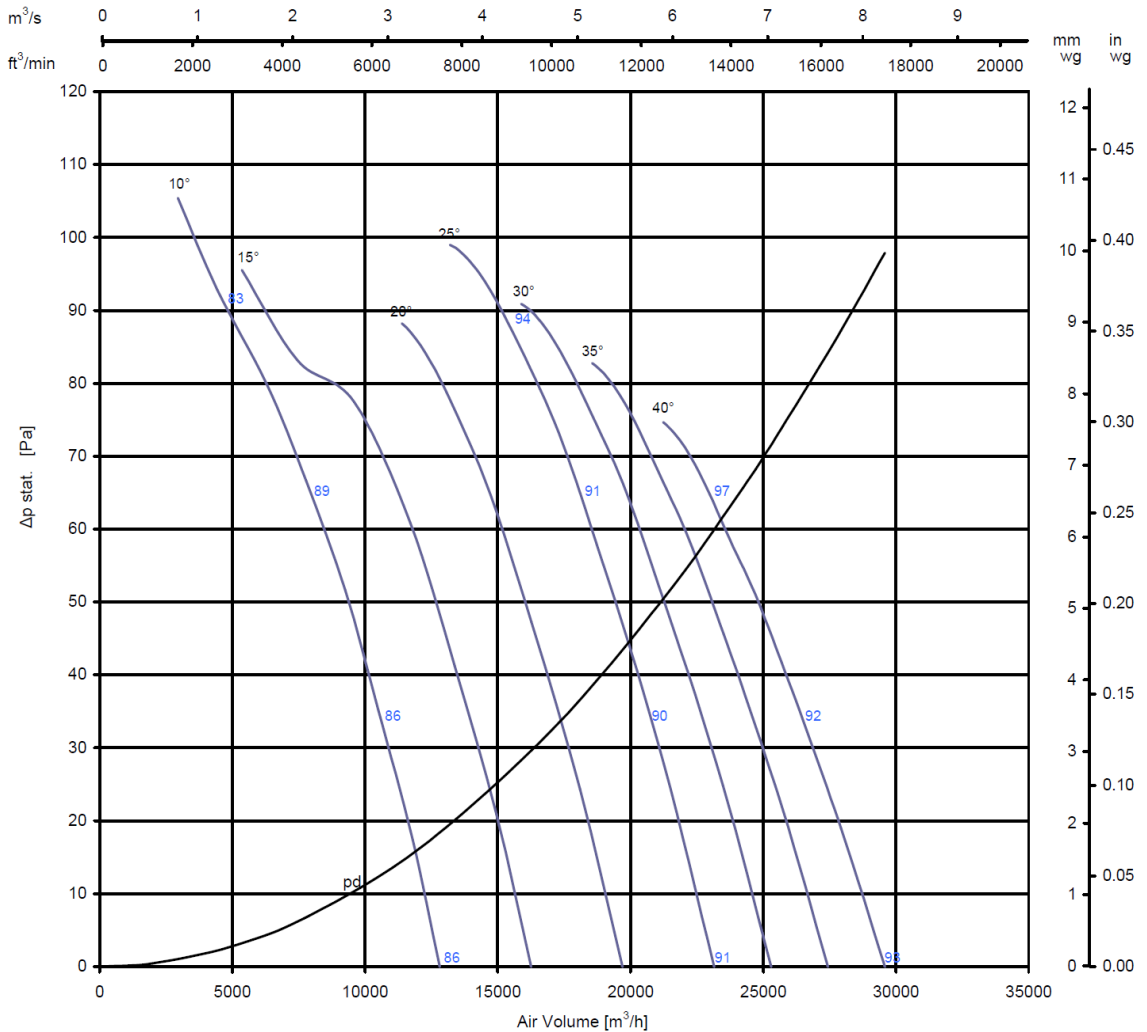
SOUND DATA

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.

Pitch Angle	Inlet Levels								
	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



- Performance certified 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.



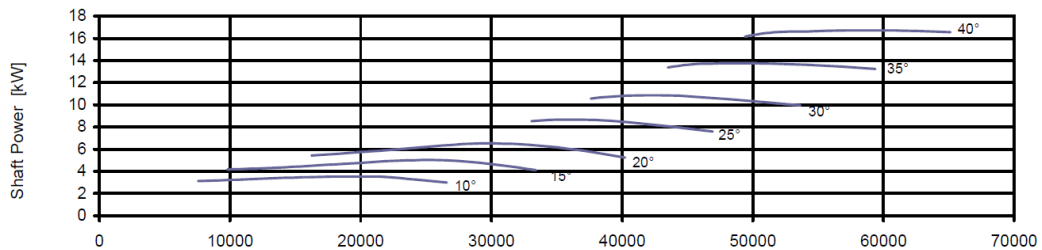
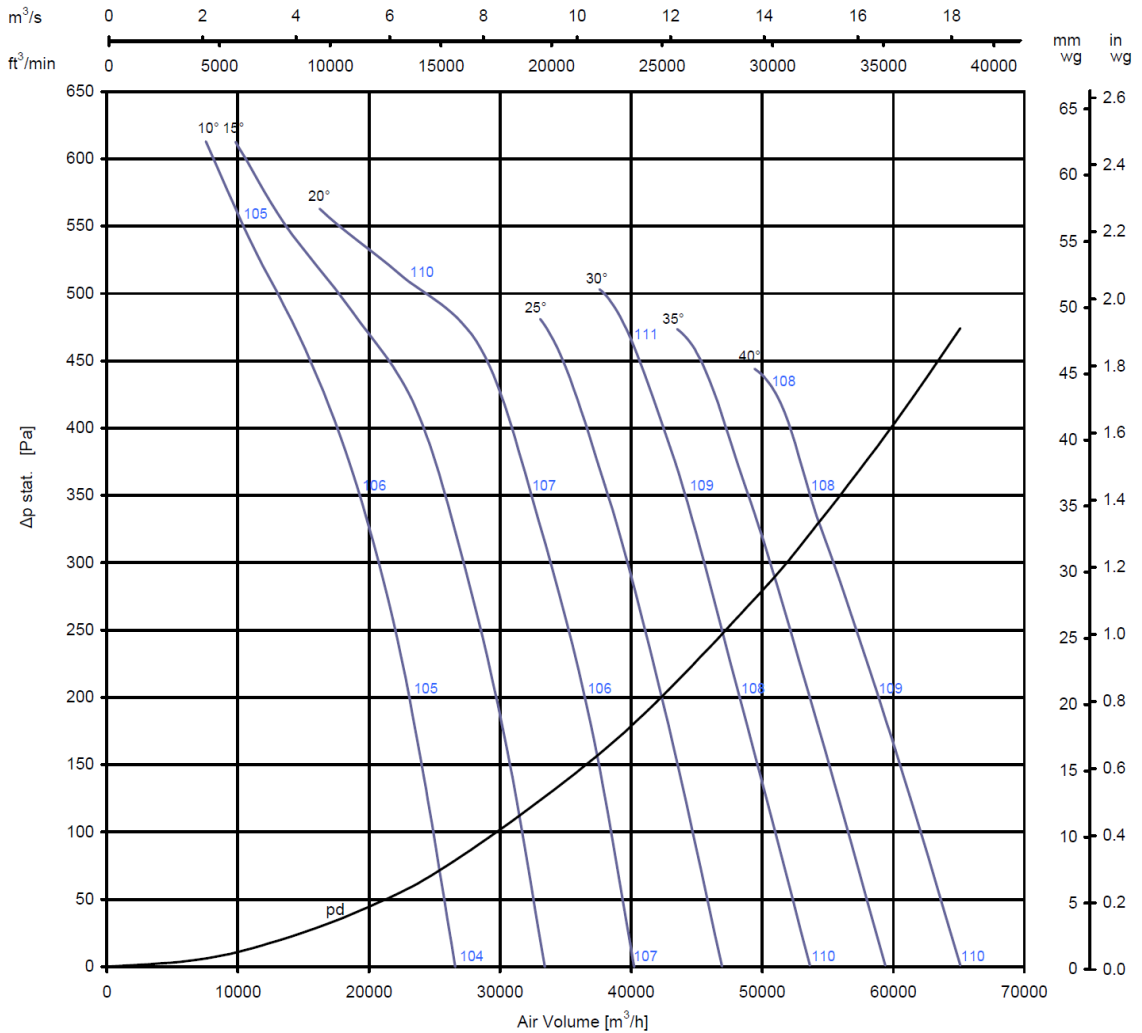
SOUND DATA

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.

Pitch Angle		Inlet Levels							
		ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)						
			63	125	250	500	1K	2K	4K
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



- Performance certified 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.



SOUND DATA

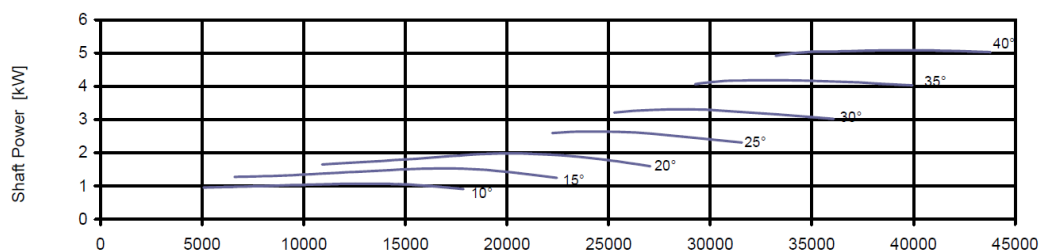
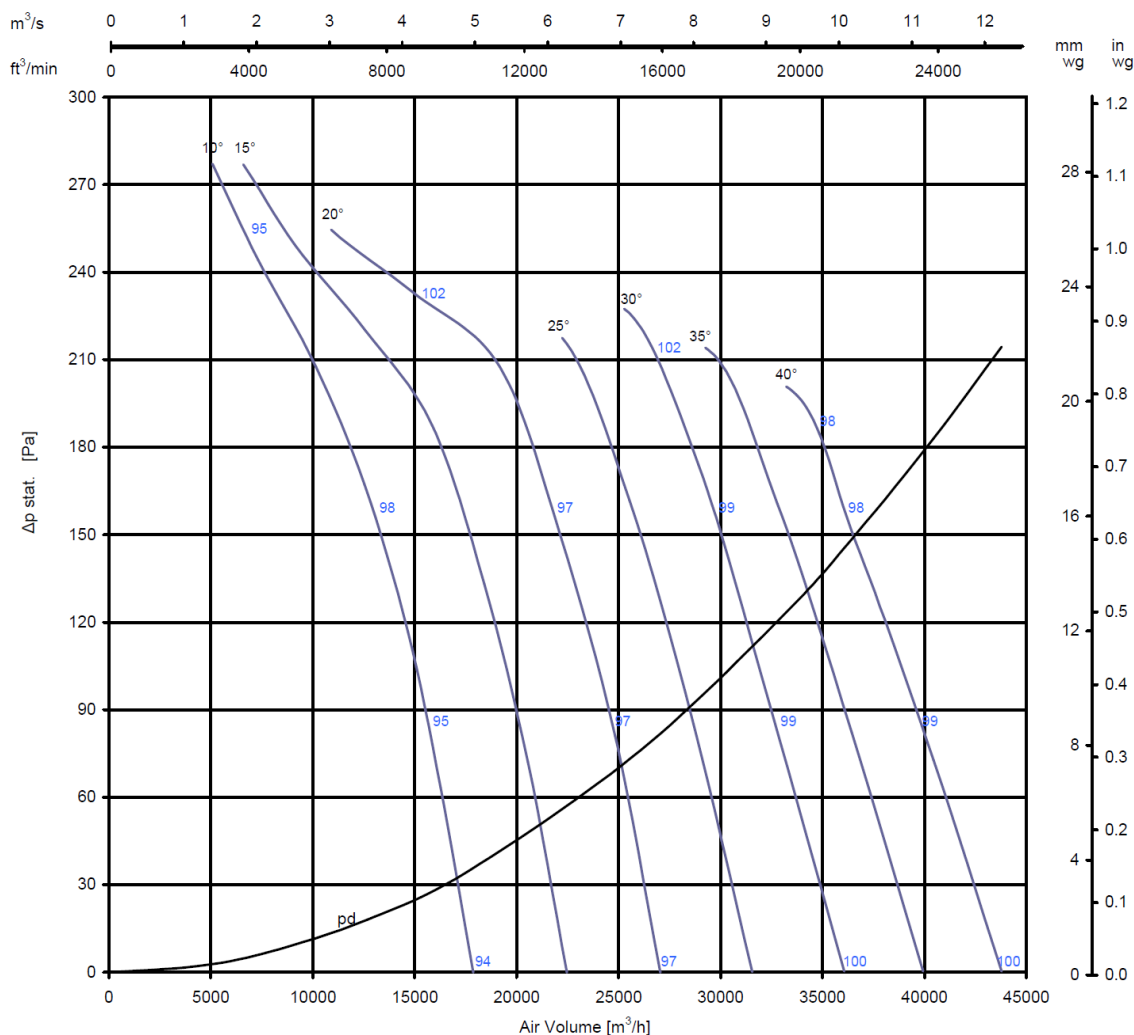
Single figure on performance curves are overall inlet L_{wi} sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

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

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



- Performance certified 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 L_{wi} sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



SOUND DATA

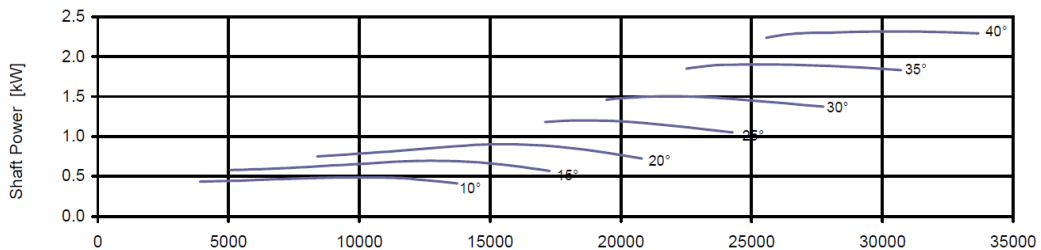
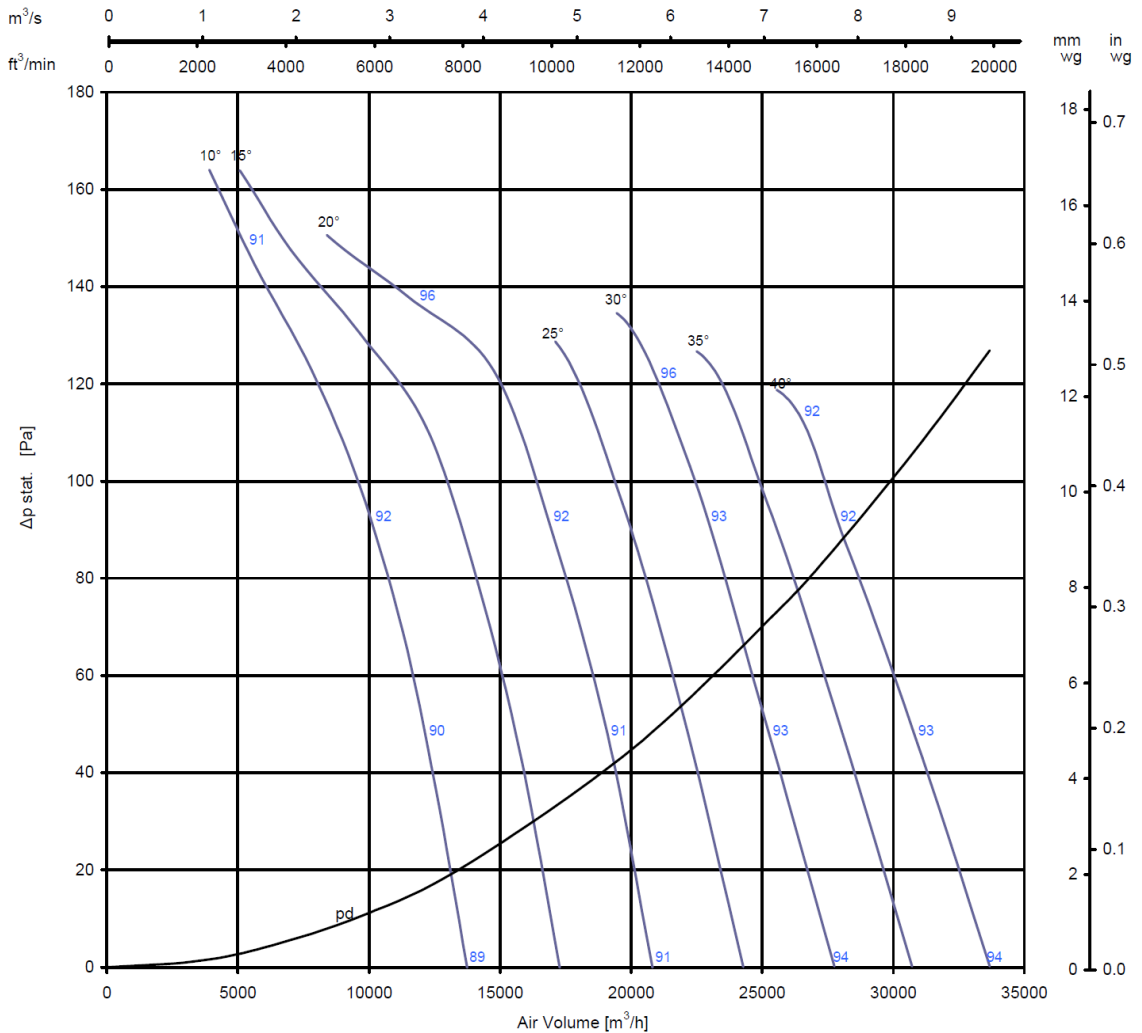
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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
	<250	-10	-7	-3	-5	-7	-11	-16	-21
20°	<140	-9	-8	-5	-5	-7	-11	-16	-21
	<210	-8	-7	-5	-7	-10	-13	-18	-23
	<210	-9	-8	-5	-5	-9	-13	-18	-23
30°	<140	-7	-8	-5	-5	-7	-9	-13	-17
	<180	-8	-8	-5	-7	-9	-13	-17	-22
	<180	-8	-8	-5	-7	-9	-13	-17	-22

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



- Performance certified 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.



SOUND DATA

Single figure on performance curves are overall inlet L_{wi} 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	-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

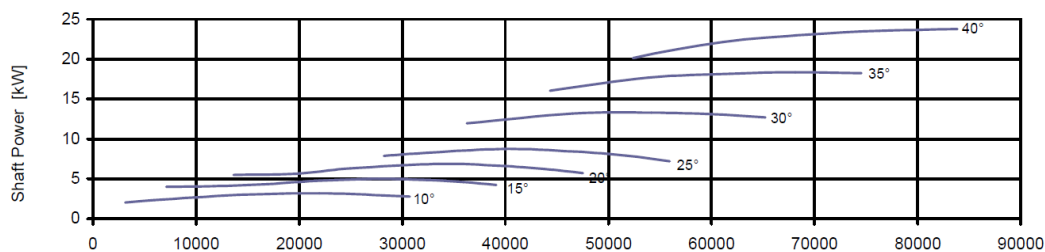
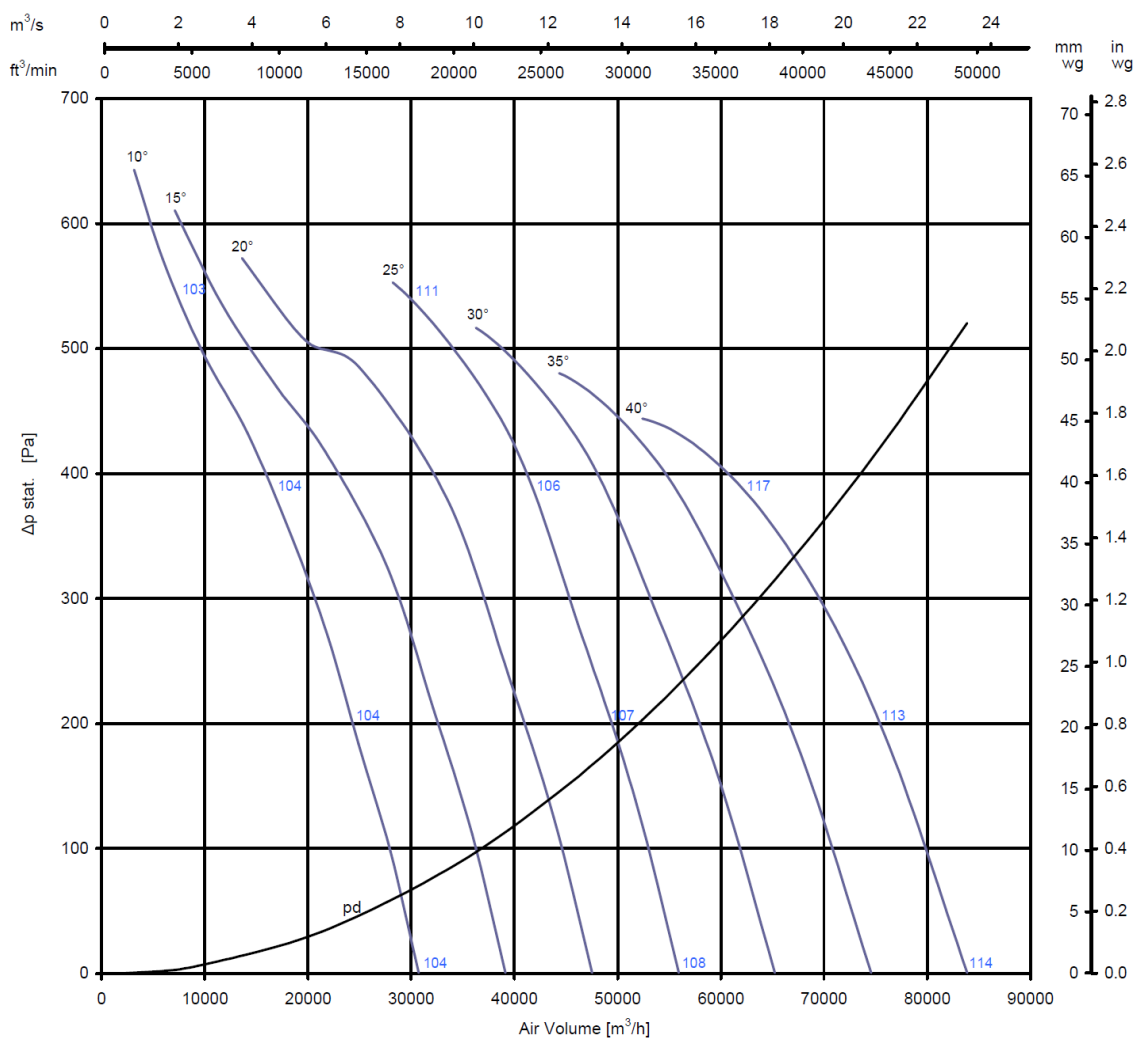
AMCA 210, ISO 5801:2007 - ρ = 1.2kg/m³, 20°C, 1013hPa



- Performance certified 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 L_{wi} sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



Axial Fan
Hub : 350mm



SOUND DATA

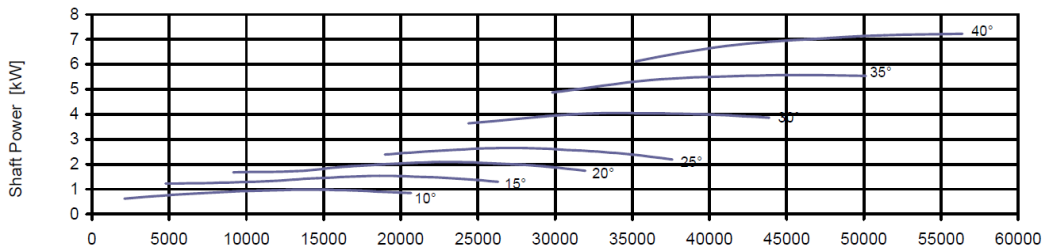
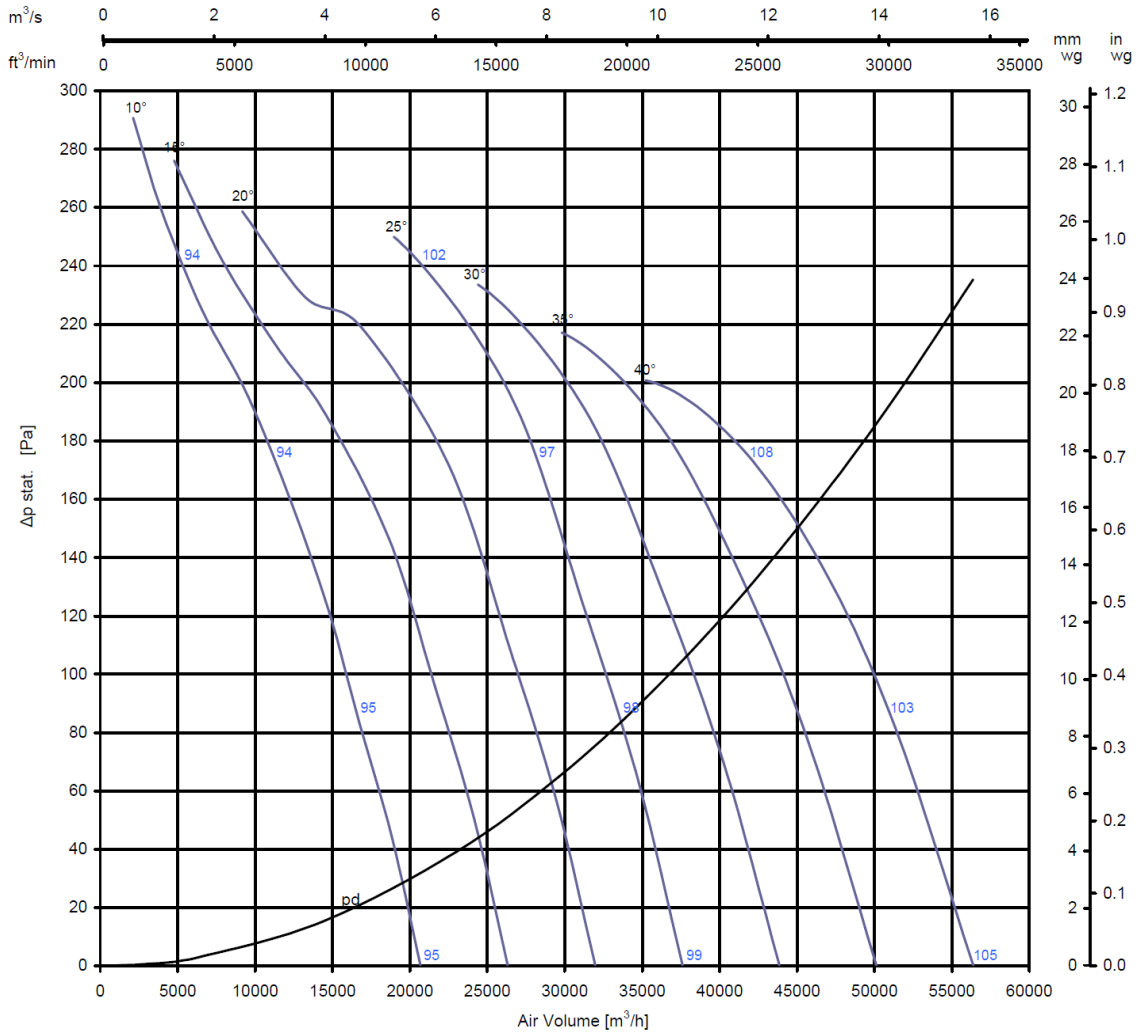
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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	-20	-23
40°	<300	-6	-4	-8	-9	-12	-17	-21	-24
	<400	-6	-4	-8	-10	-13	-17	-21	-24



- 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.

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



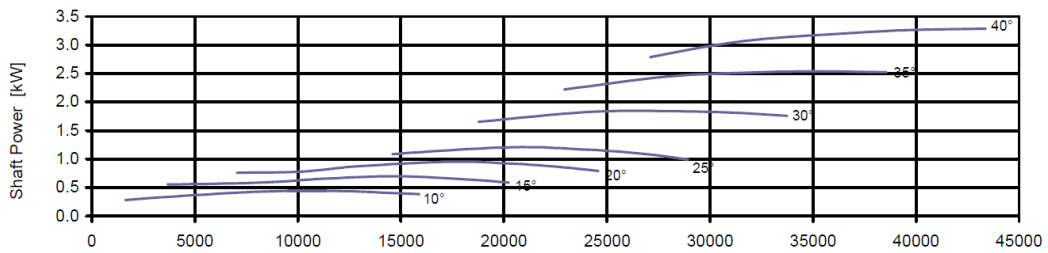
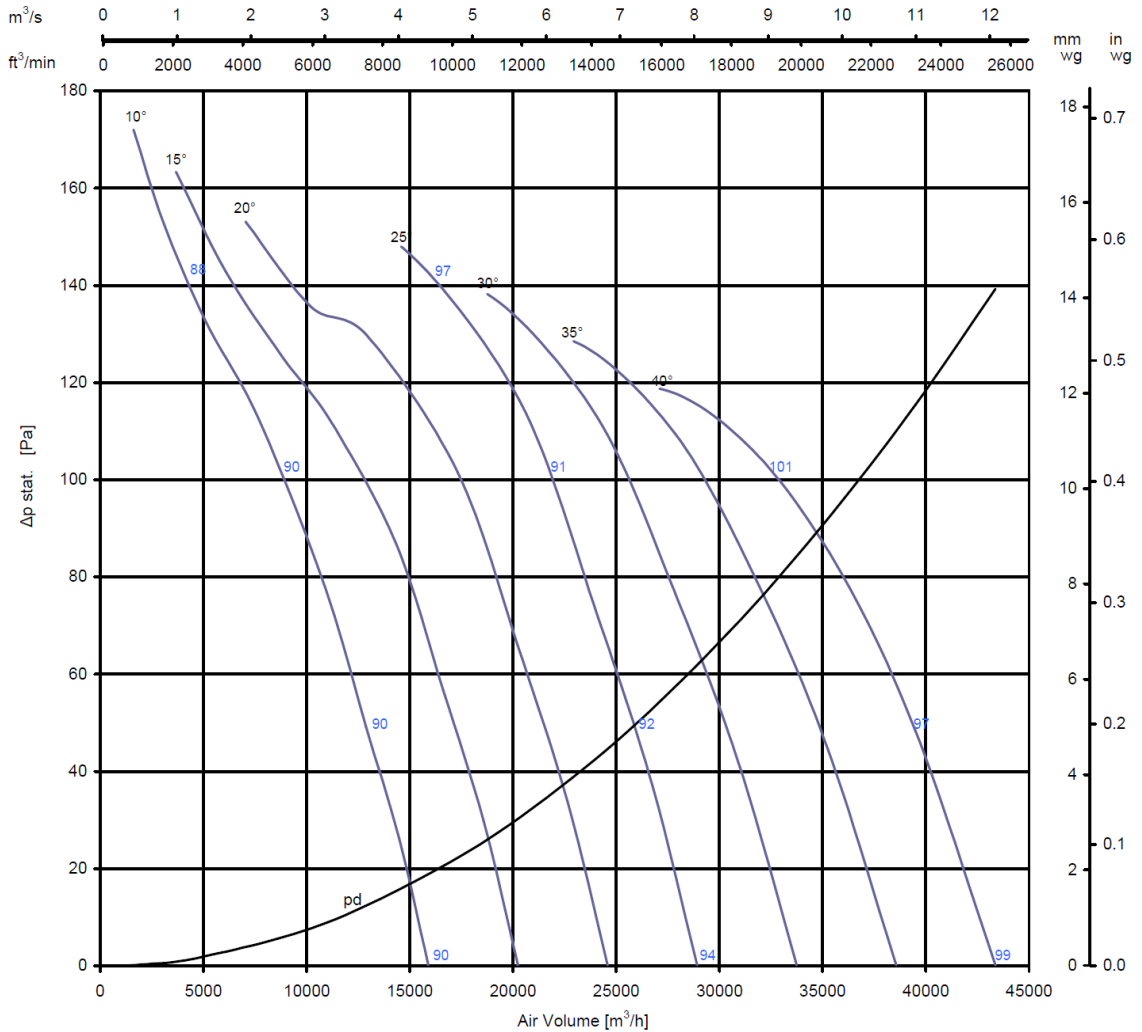
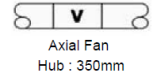
SOUND DATA

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.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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



- Performance certified 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.



SOUND DATA

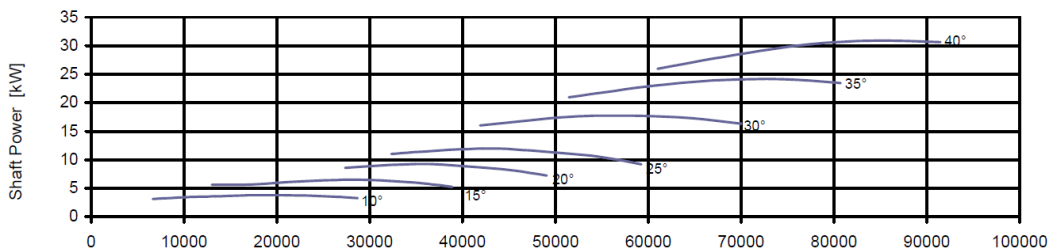
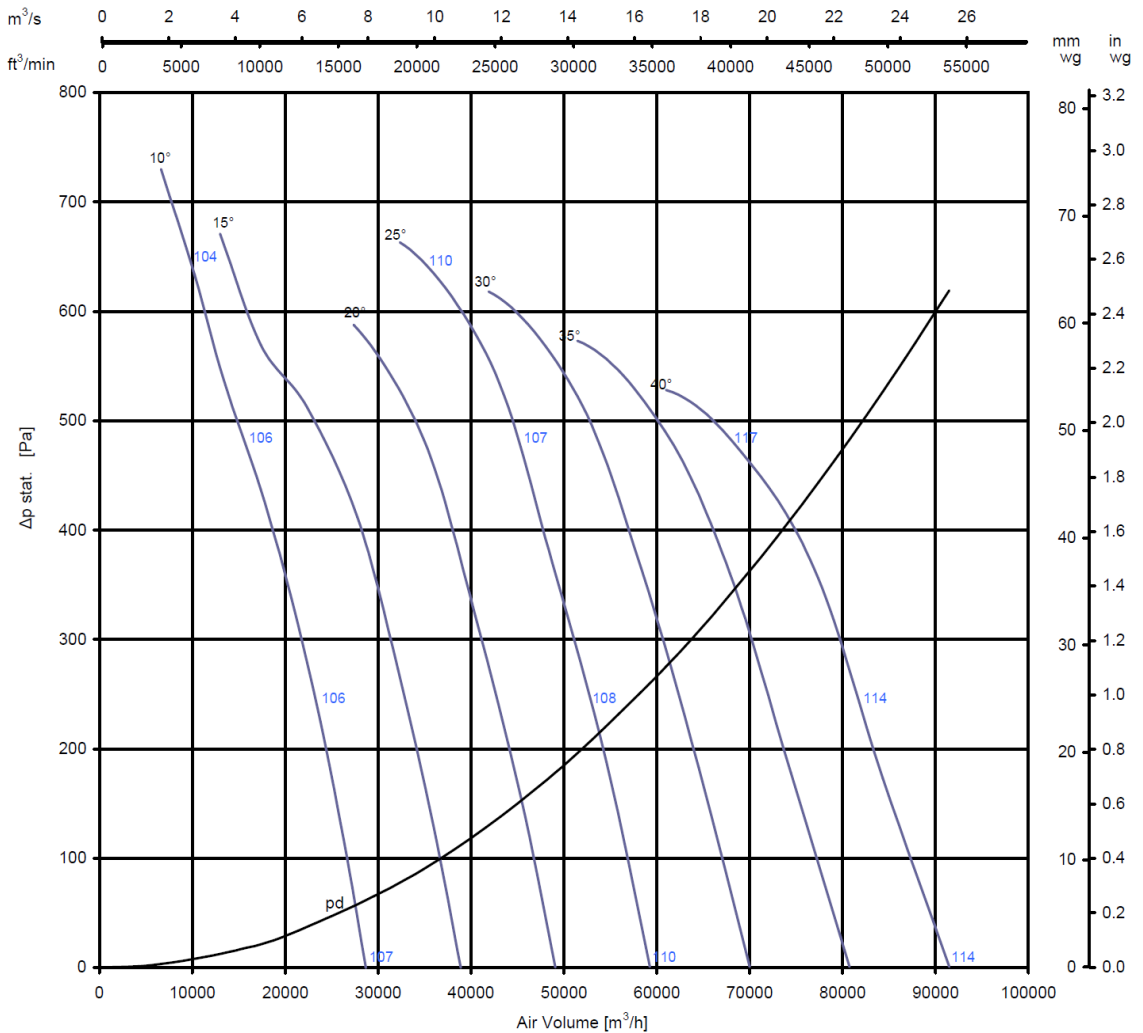
Single figure on performance curves are overall inlet L_{wi} sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Inlet Levels									
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<80	-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 - $p = 1.2kg/m^3$, 20°C, 1013hPa



- Performance certified 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 L_{wi} sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



SOUND DATA

Single figure on performance curves are overall inlet Lw_i 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.

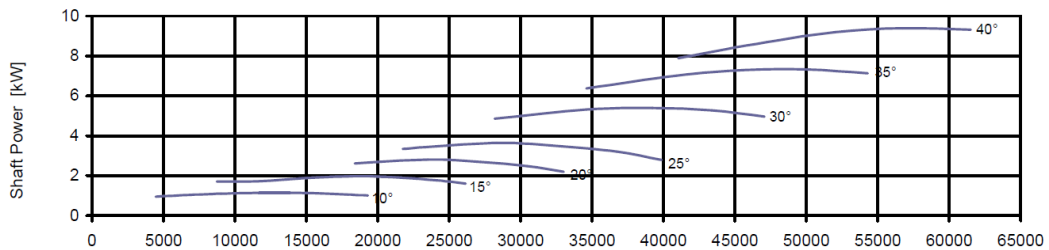
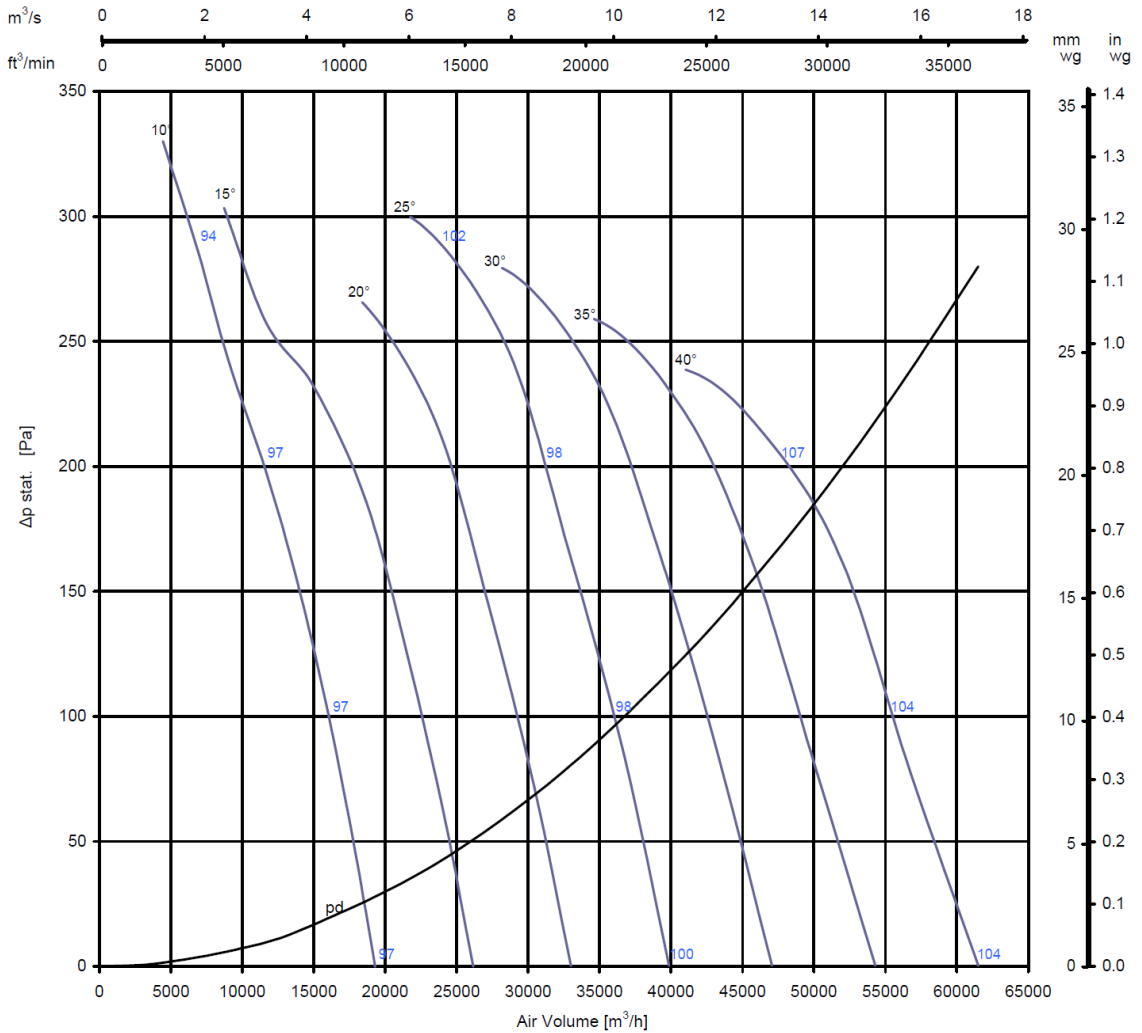
		Inlet Levels							
Pitch Angle	Δp stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<350	-9	-13	-9	-6	-4	-10	-15	-20
	<650	-6	-8	-5	-6	-5	-12	-17	-24
25°	<350	-5	-7	-6	-8	-11	-16	-19	-24
	<650	-6	-7	-7	-4	-8	-12	-17	-23
40°	<350	-5	-7	-7	-8	-11	-16	-22	-25
	<480	-5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



- Performance certified 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 Lw_i sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



Axial Fan
Hub : 350mm



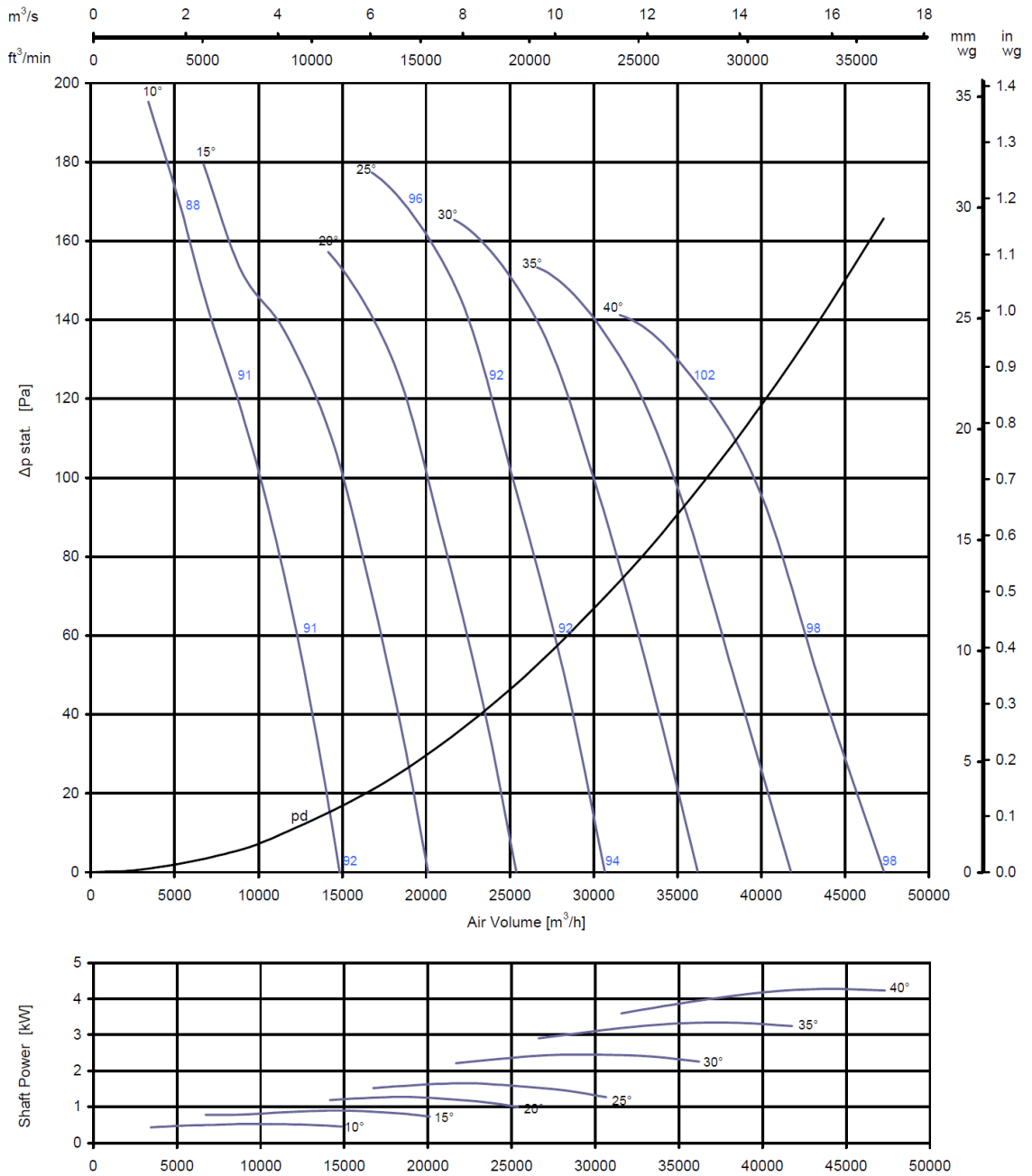
SOUND DATA

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.

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



- Performance certified 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.



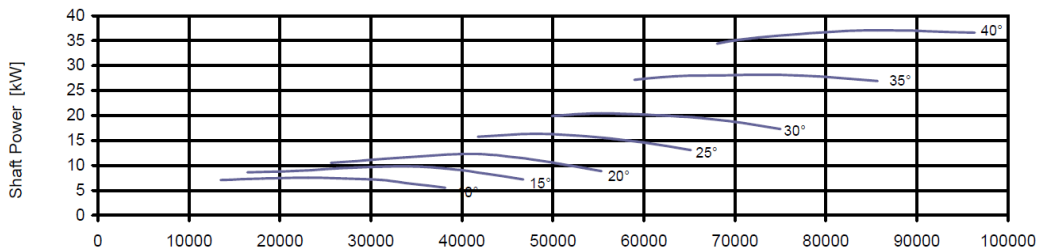
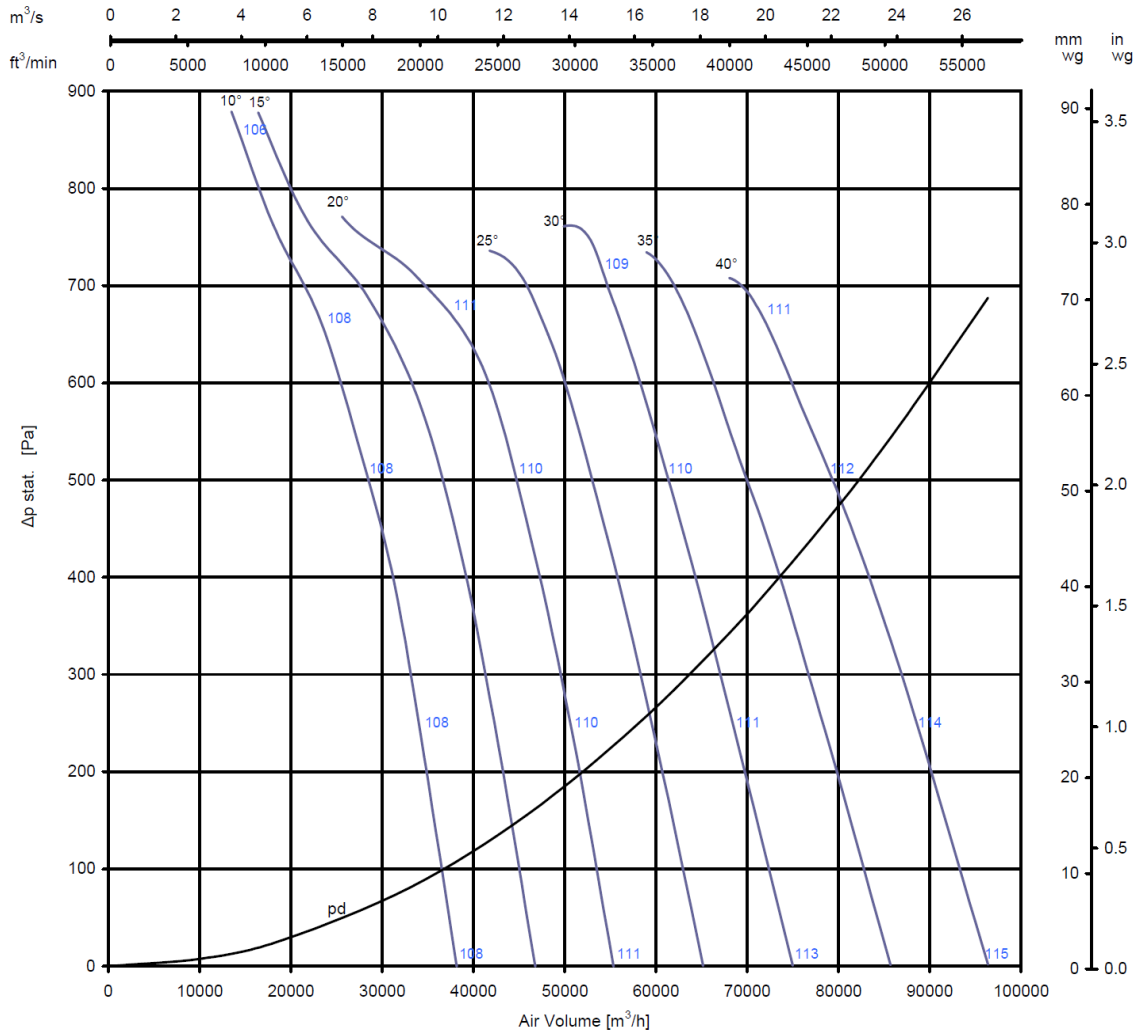
SOUND DATA

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.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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



- Performance certified 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.



SOUND DATA

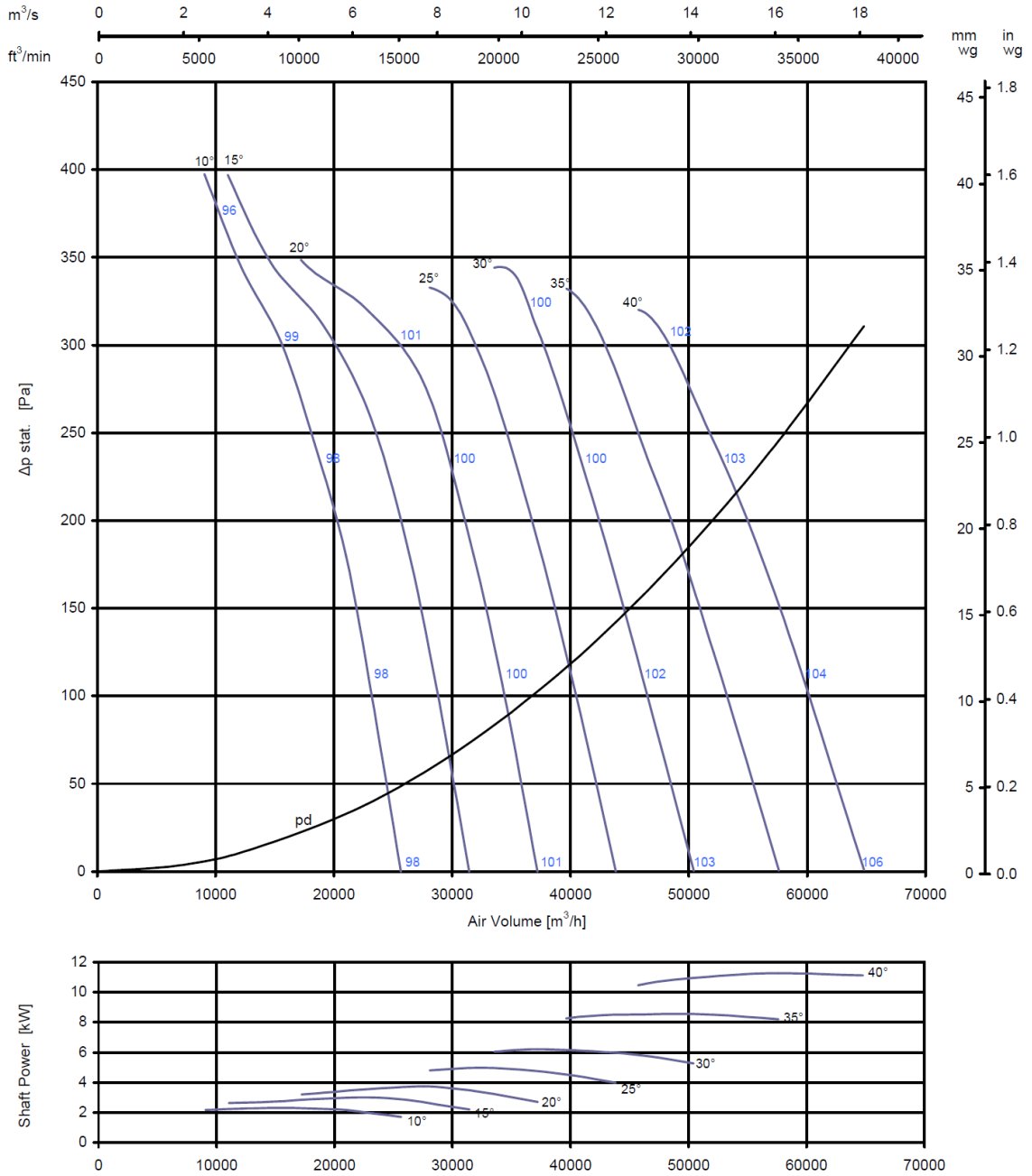
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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 - $\rho = 1.2 \text{ kg/m}^3$, 20°C, 1013hPa



- Performance certified 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.



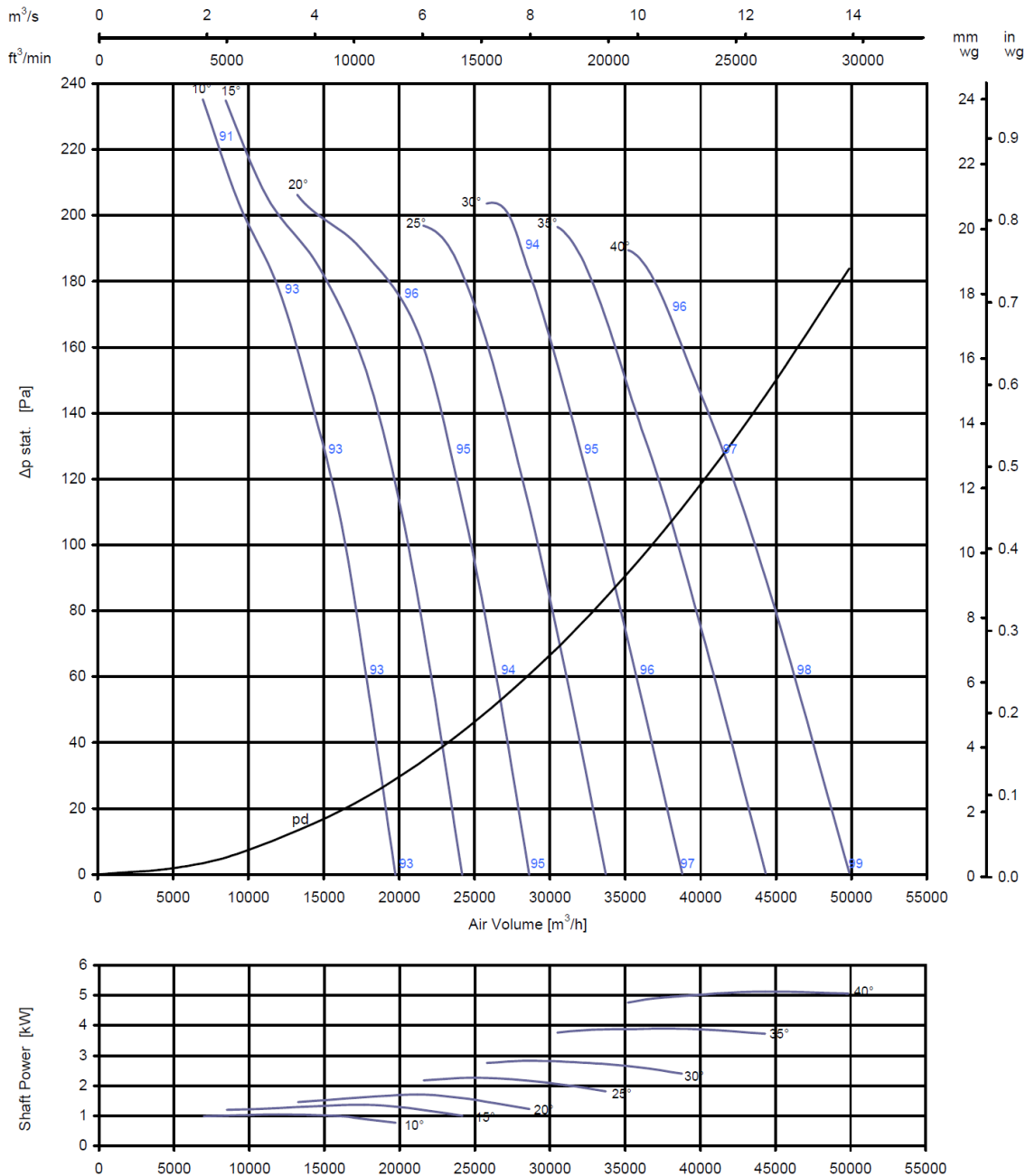
SOUND DATA

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.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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
	<300	-8	-6	-4	-7	-11	-16	-22	-26
20°	<200	-9	-7	-4	-5	-10	-16	-22	-28
	<300	-7	-6	-4	-8	-13	-19	-24	-28
	<330	-8	-6	-4	-7	-11	-16	-21	-25
30°	<200	-4	-8	-7	-9	-12	-18	-23	-26
	<300	-4	-8	-7	-9	-12	-18	-22	-25
	<300	-4	-8	-7	-9	-12	-18	-22	-25



- Performance certified 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.



SOUND DATA

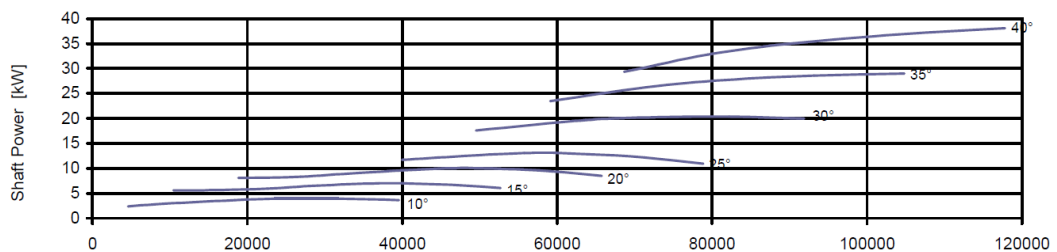
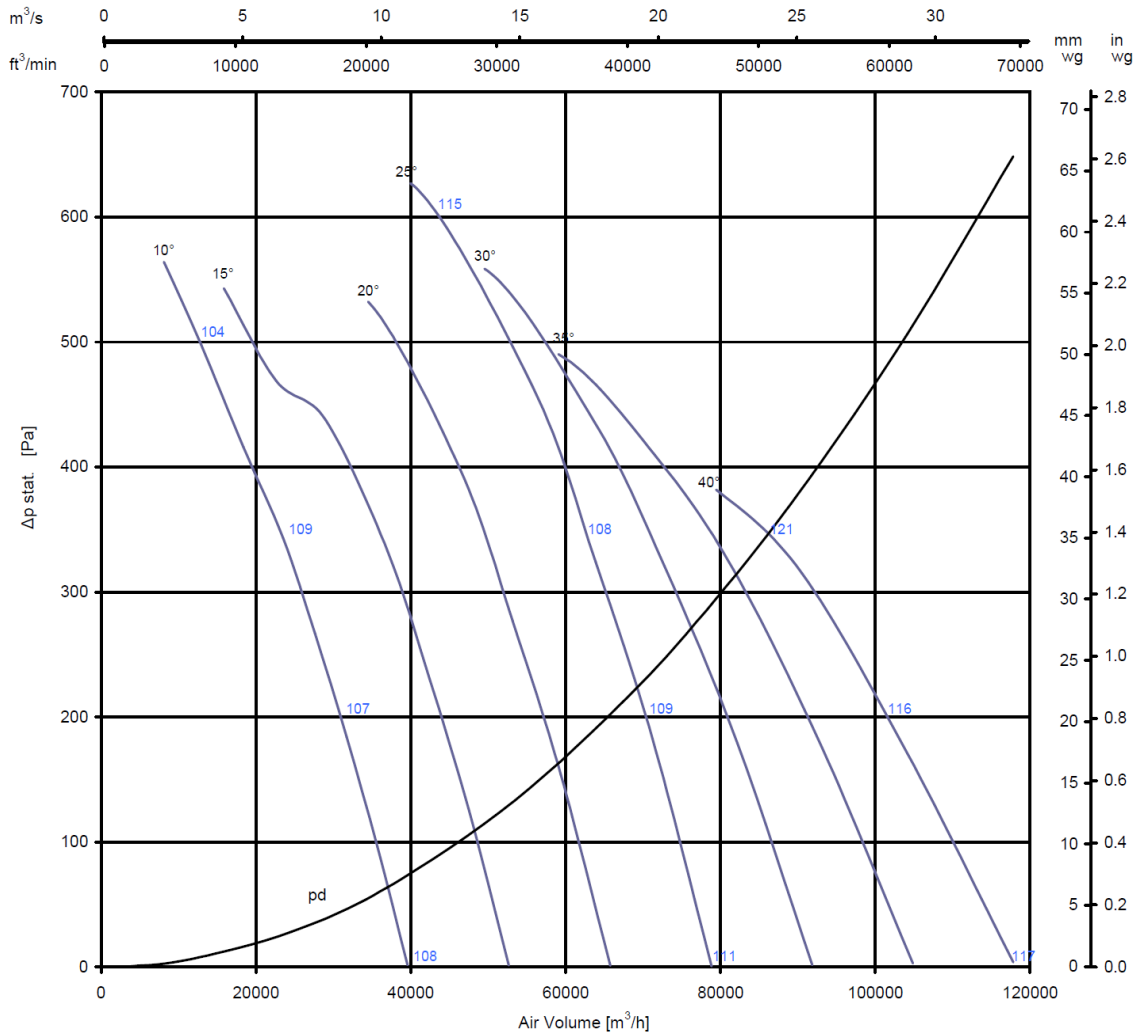
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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 - p = 1.2kg/m³, 20°C, 1013hPa



- Performance certified 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.



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.

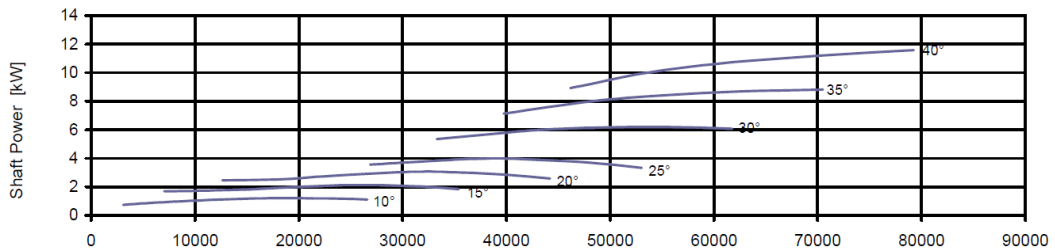
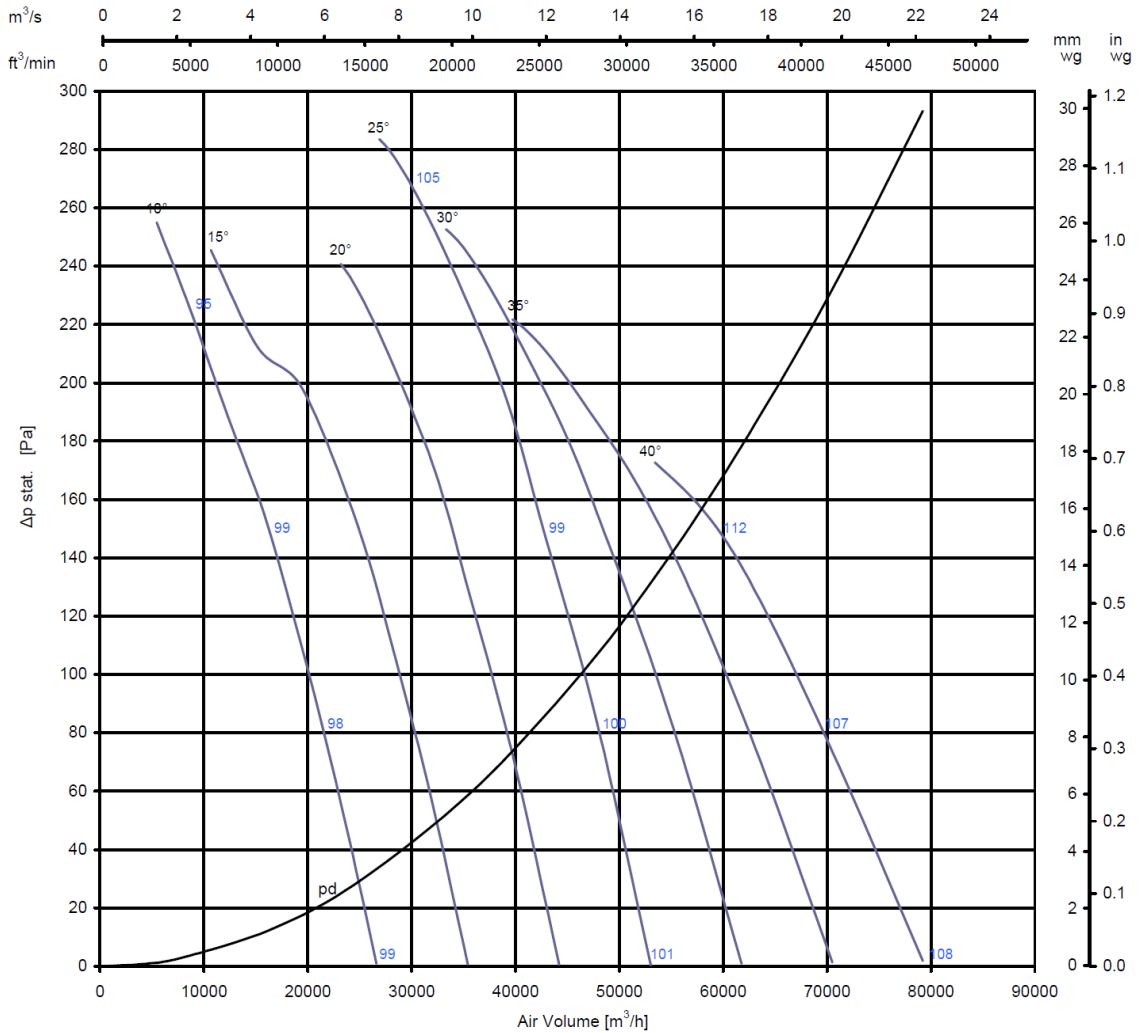
Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<300	-15	-12	-9	-4	-4	-9	-14	-16
	<550	-14	-5	-4	-3	-6	-13	-17	-19
25°	<300	-5	-5	-7	-8	-11	-16	-20	-19
	<550	-6	-6	-7	-3	-6	-13	-18	-22
40°	<200	-5	-5	-6	-10	-12	-16	-20	-23
	<370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



- Performance certified 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.



Axial Fan
Hub : 350mm



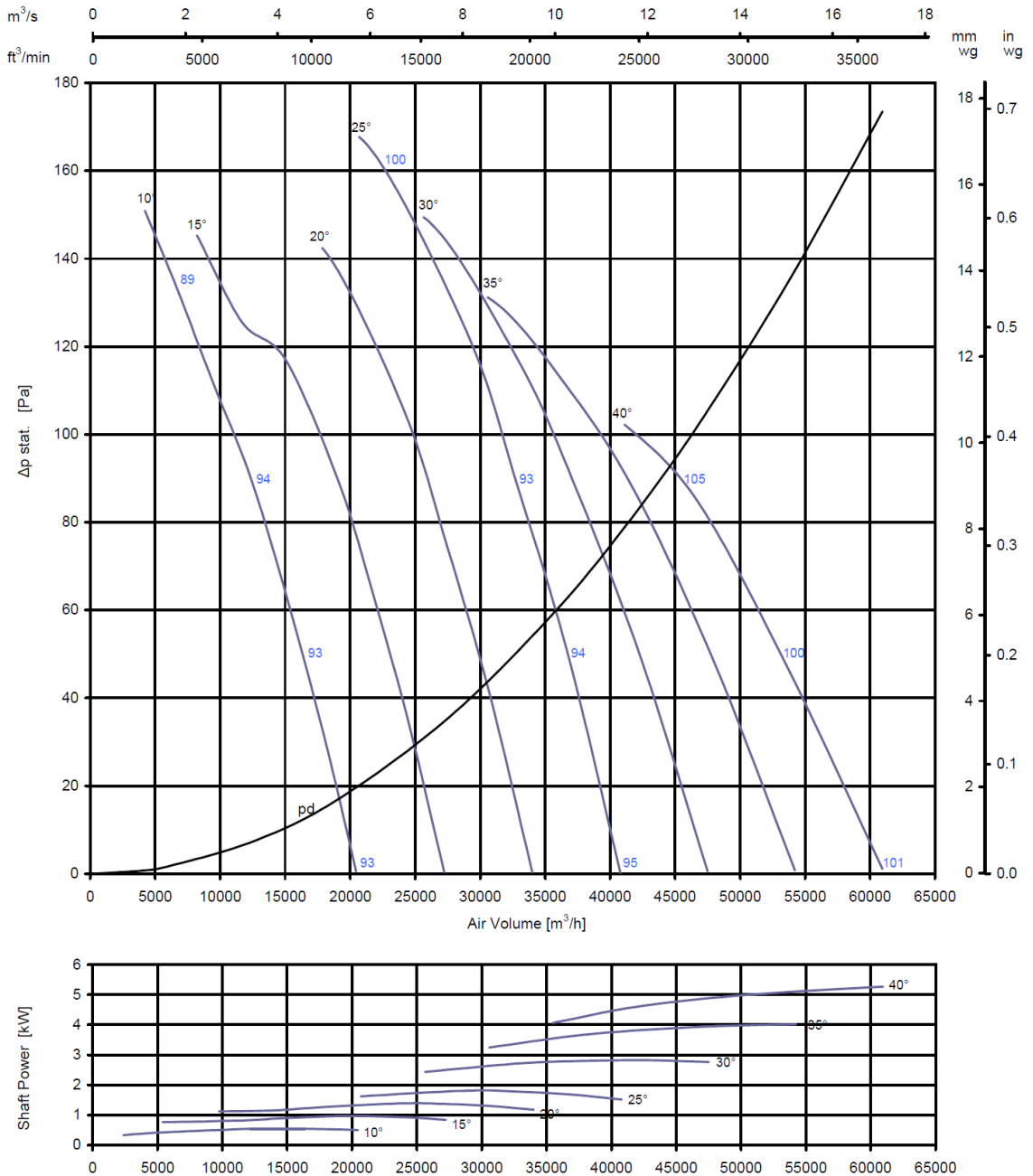
SOUND DATA

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°	<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



- Performance certified 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.



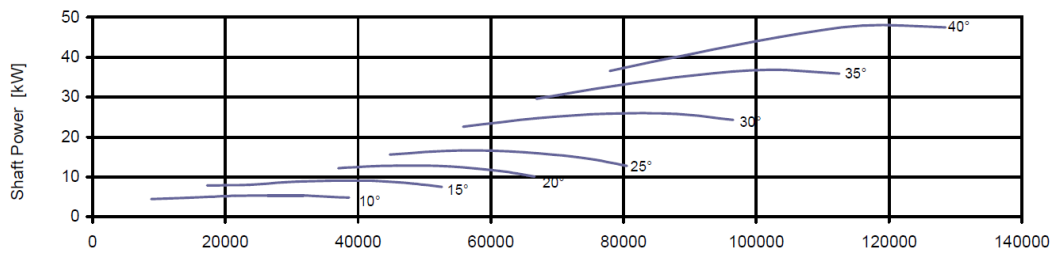
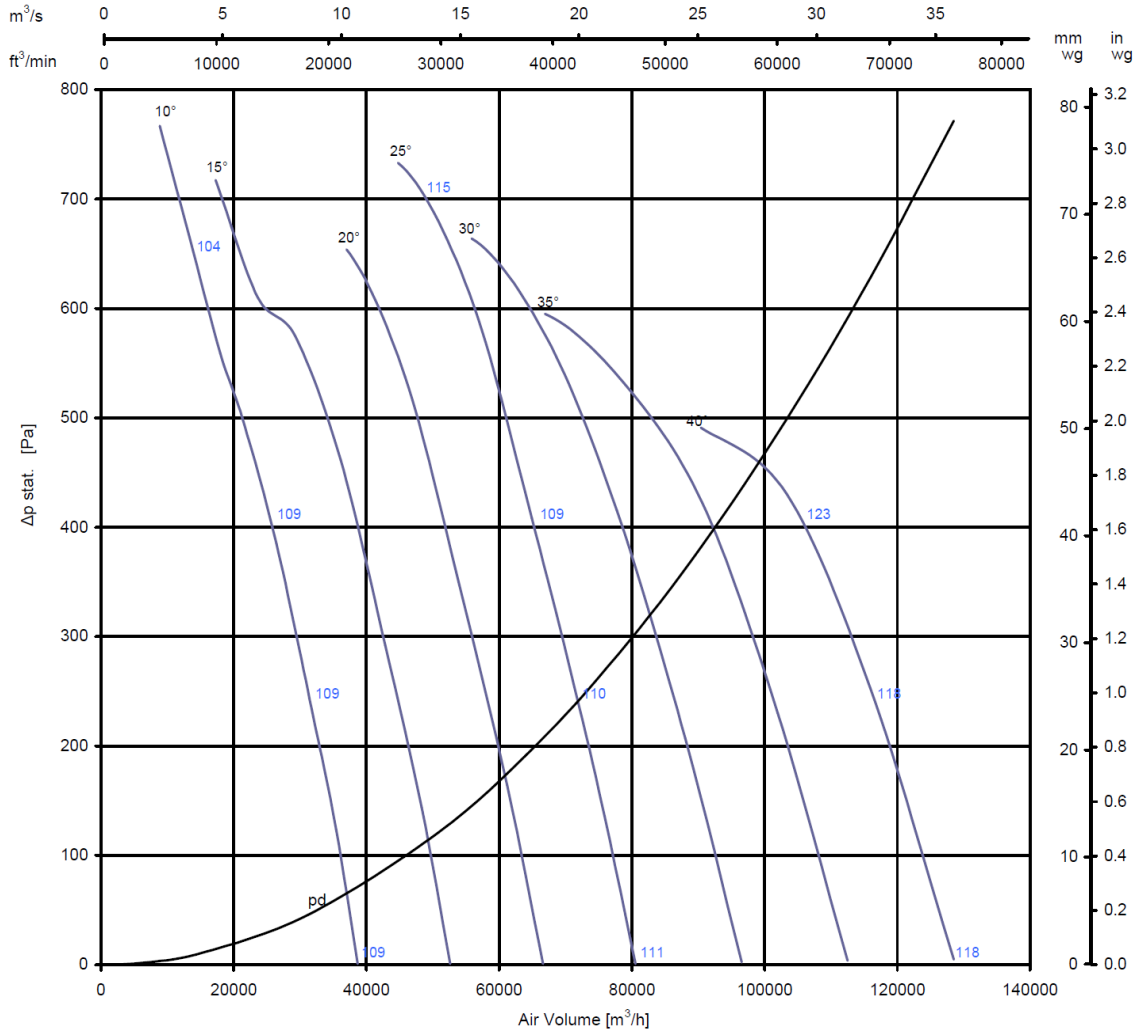
SOUND DATA

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



- 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.



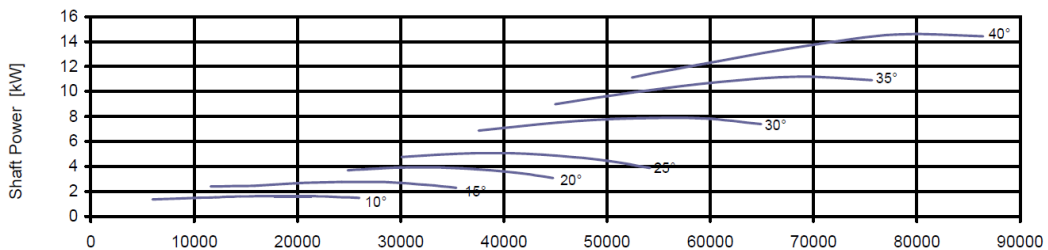
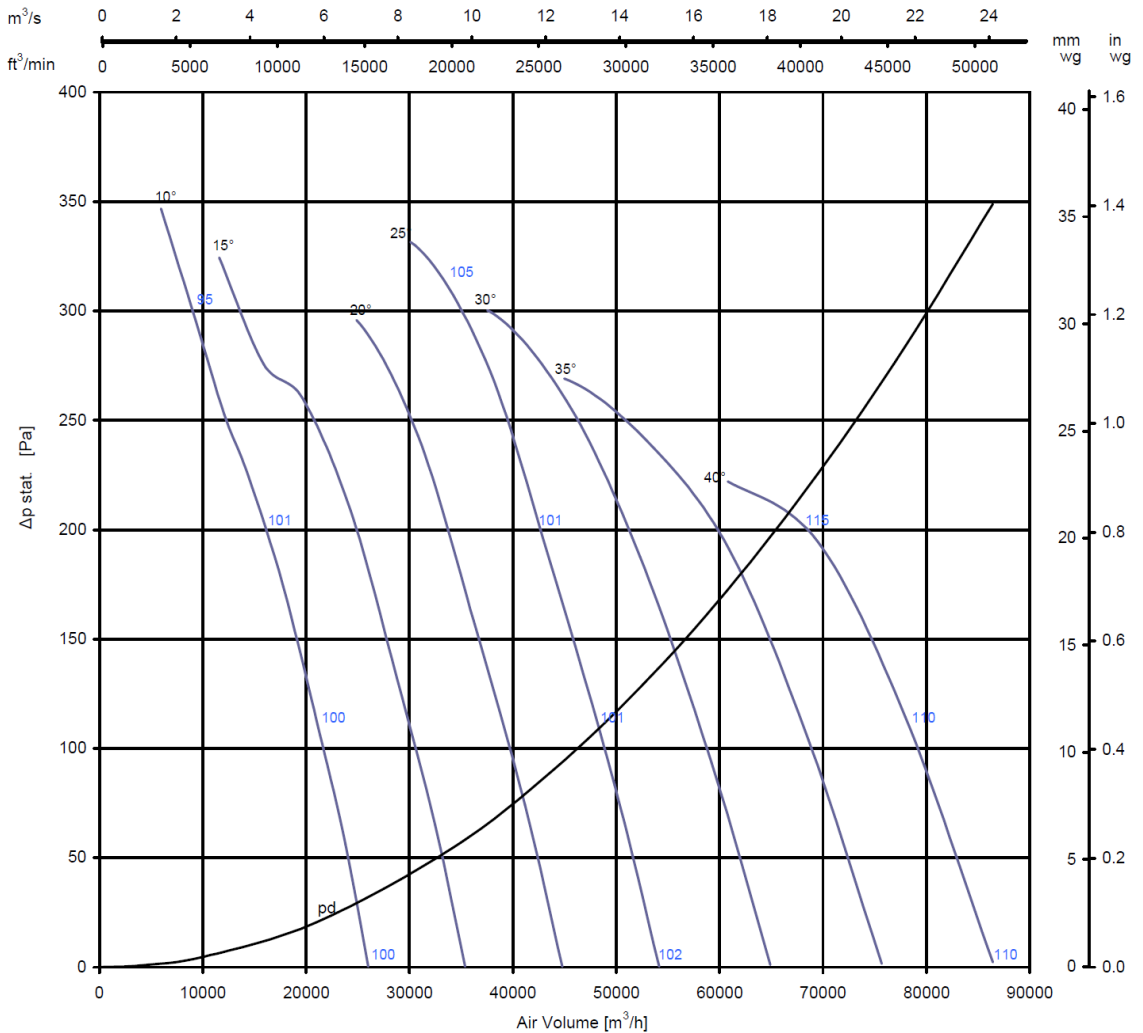
SOUND DATA

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.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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



- Performance certified 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.



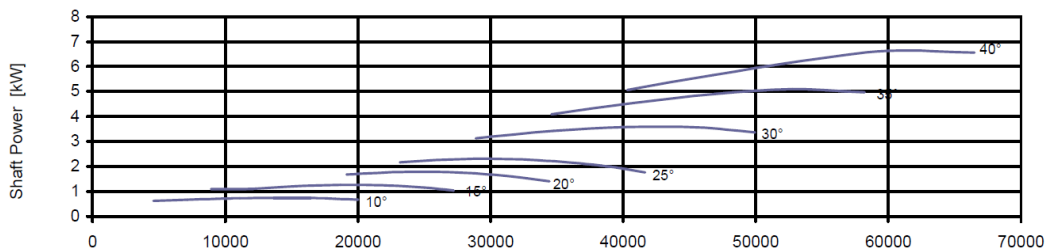
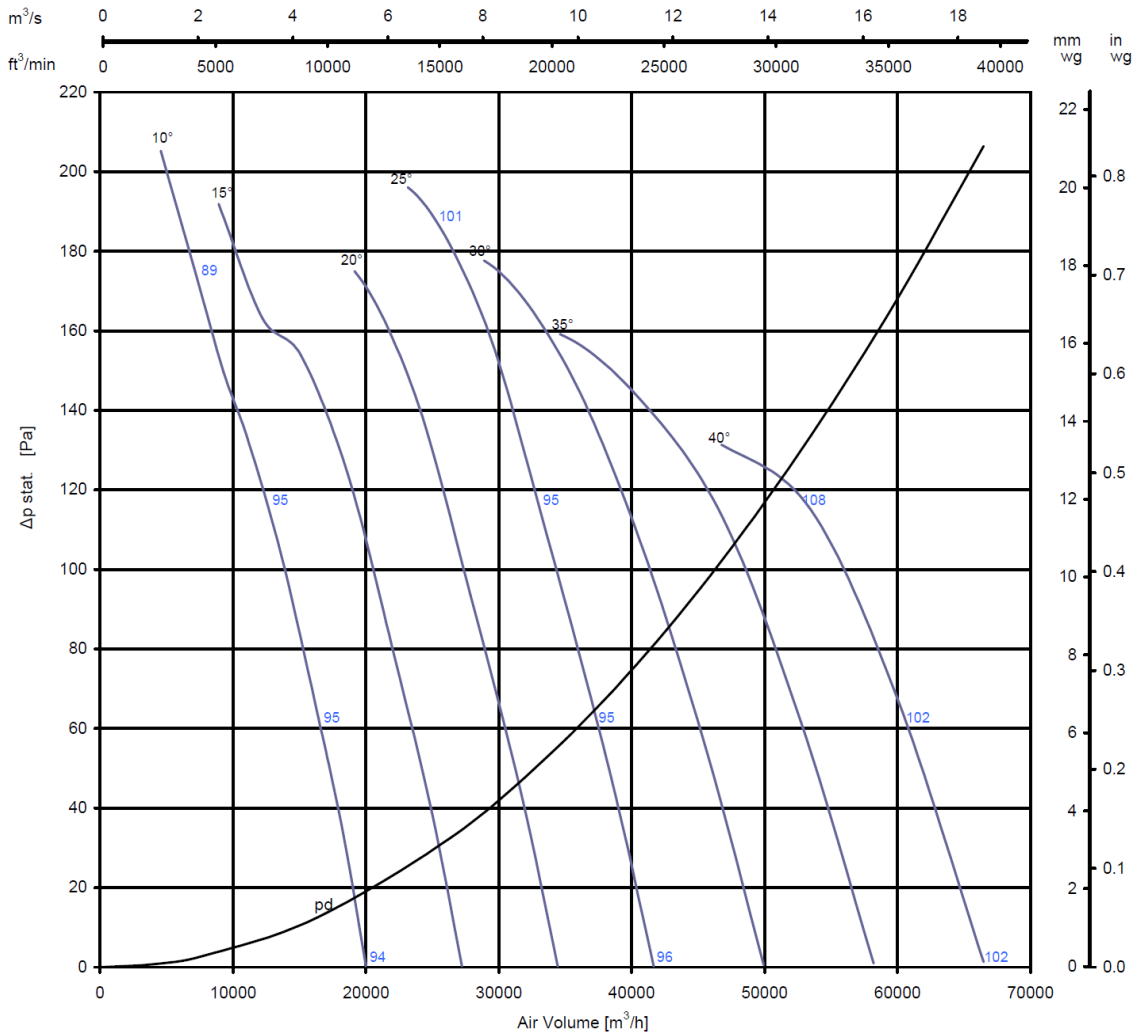
SOUND DATA

Single figure on performance curves are overall inlet Lw_i 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.

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



- Performance certified 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 Lw_i sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



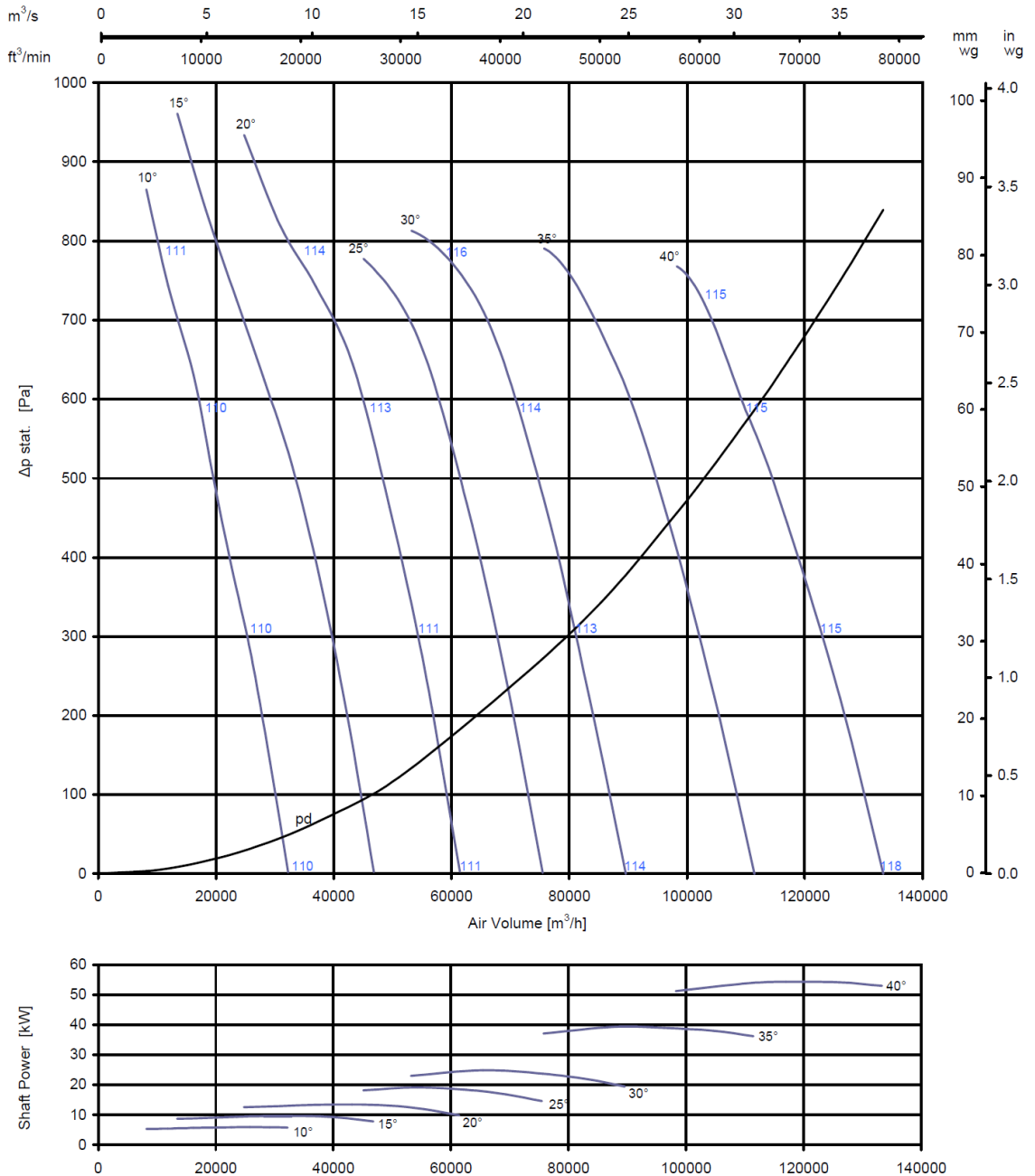
SOUND DATA

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.

Pitch Angle	ΔP_{stat} [Pa]	Inlet Levels							
		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



- 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.



SOUND DATA

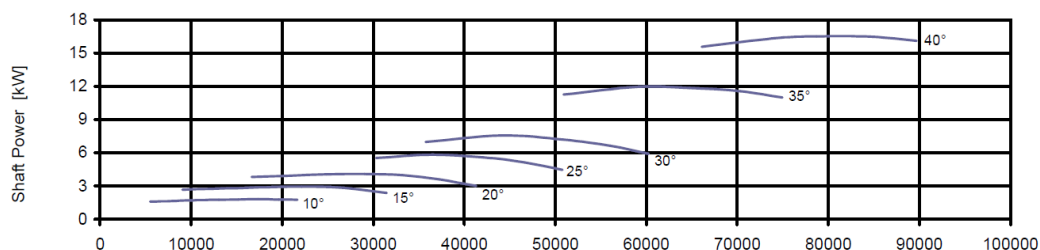
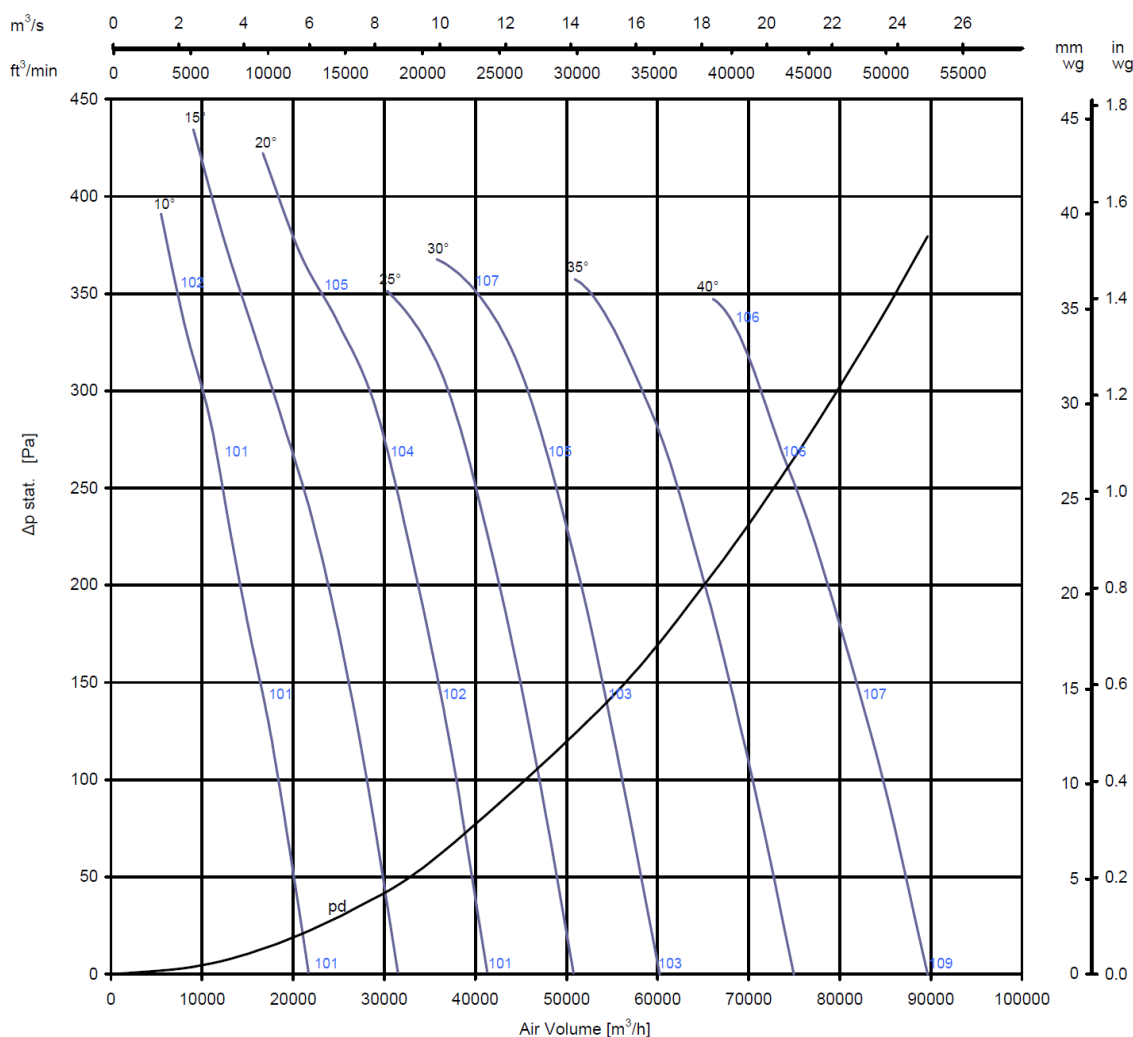
Single figure on performance curves are overall inlet L_{wi} sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	Inlet Levels								
	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 - $\rho = 1.2kg/m^3$, 20°C, 1013hPa



- Performance certified 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 L_{wi} sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



SOUND DATA

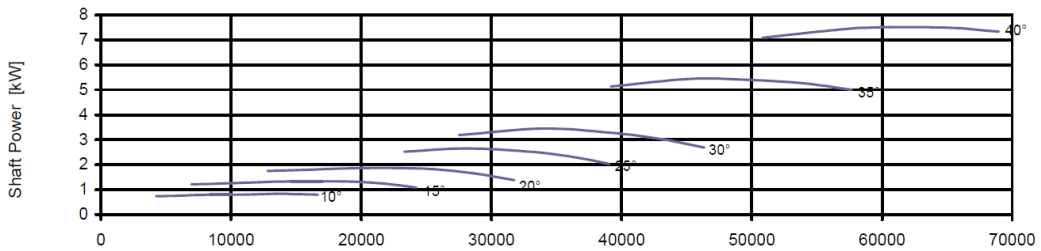
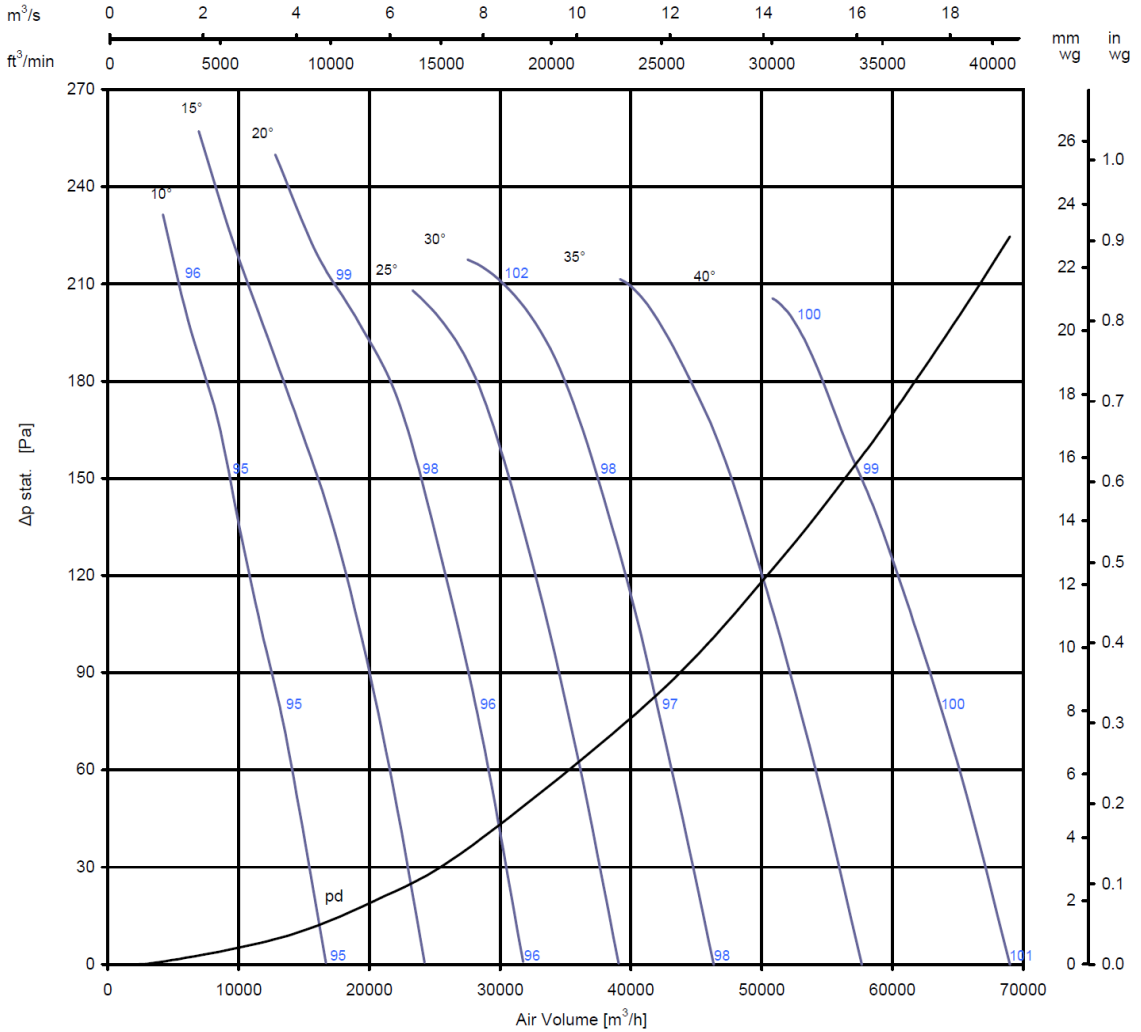
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

		Inlet Levels							
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<250	-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 - $p = 1.2kg/m^3$, 20°C, 1013hPa



- Performance certified 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.



SOUND DATA

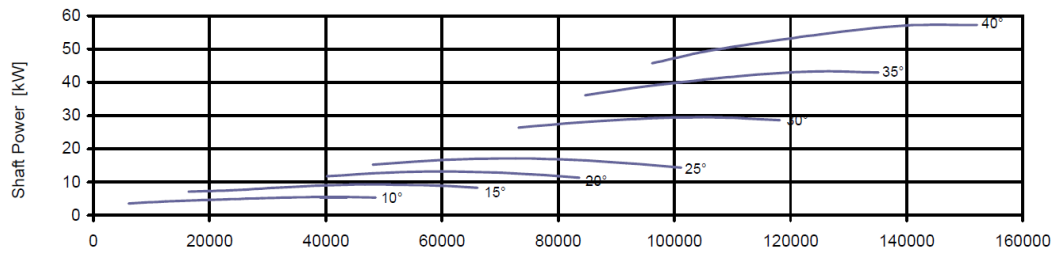
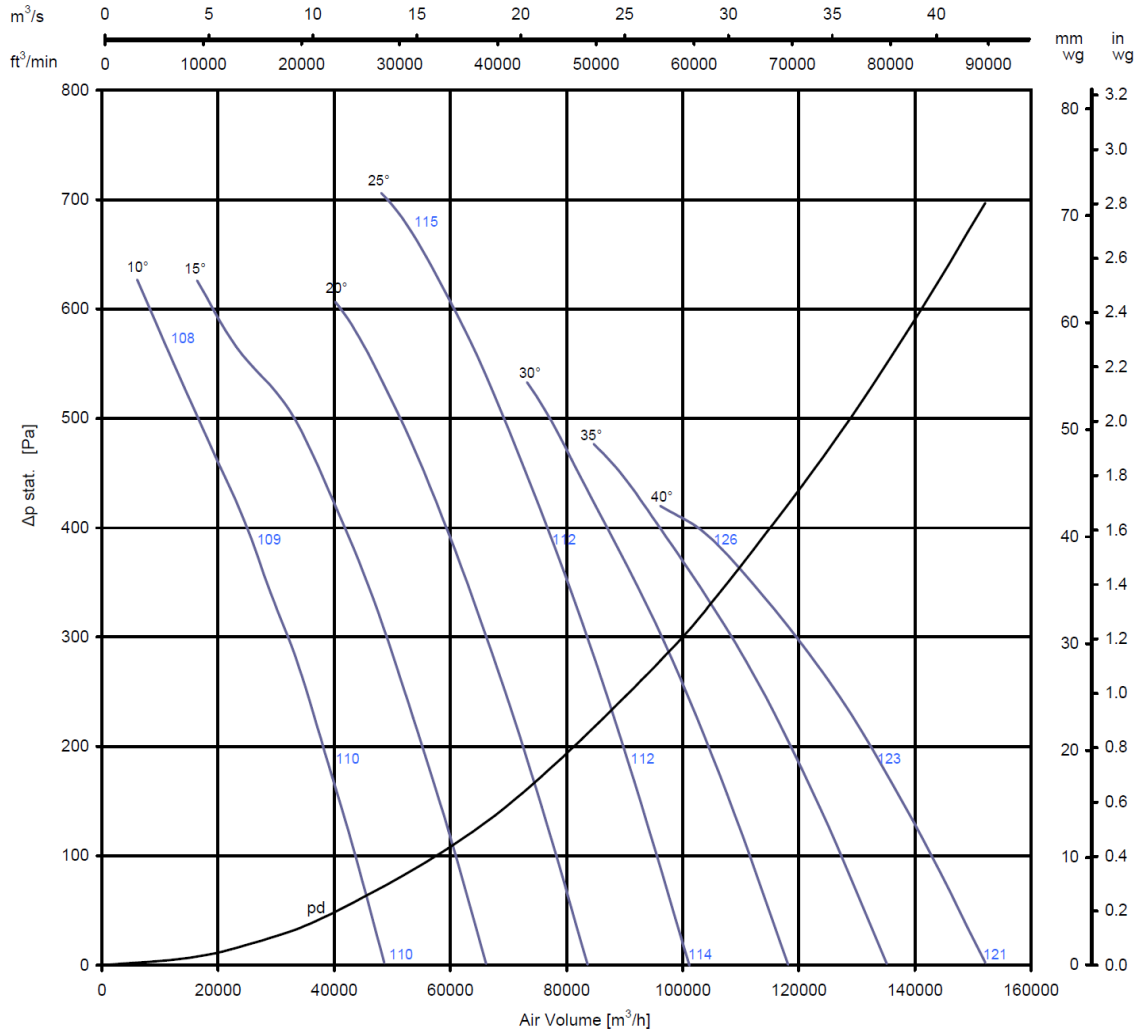
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

		Inlet Levels							
Pitch Angle	ΔP stat. [Pa]	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<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 - $\rho = 1.2 \text{ kg/m}^3$, 20°C, 1013hPa



- Performance certified 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.



SOUND DATA

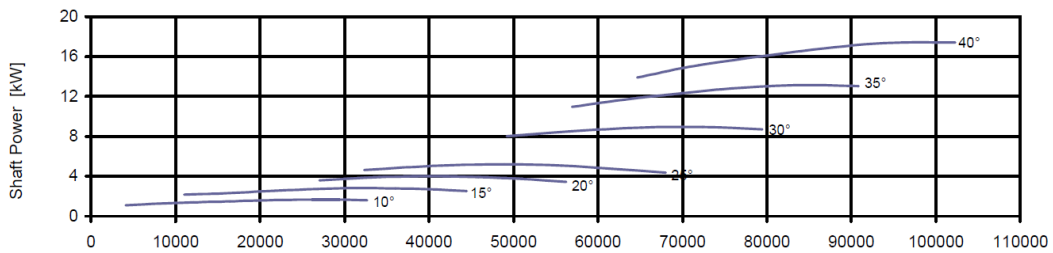
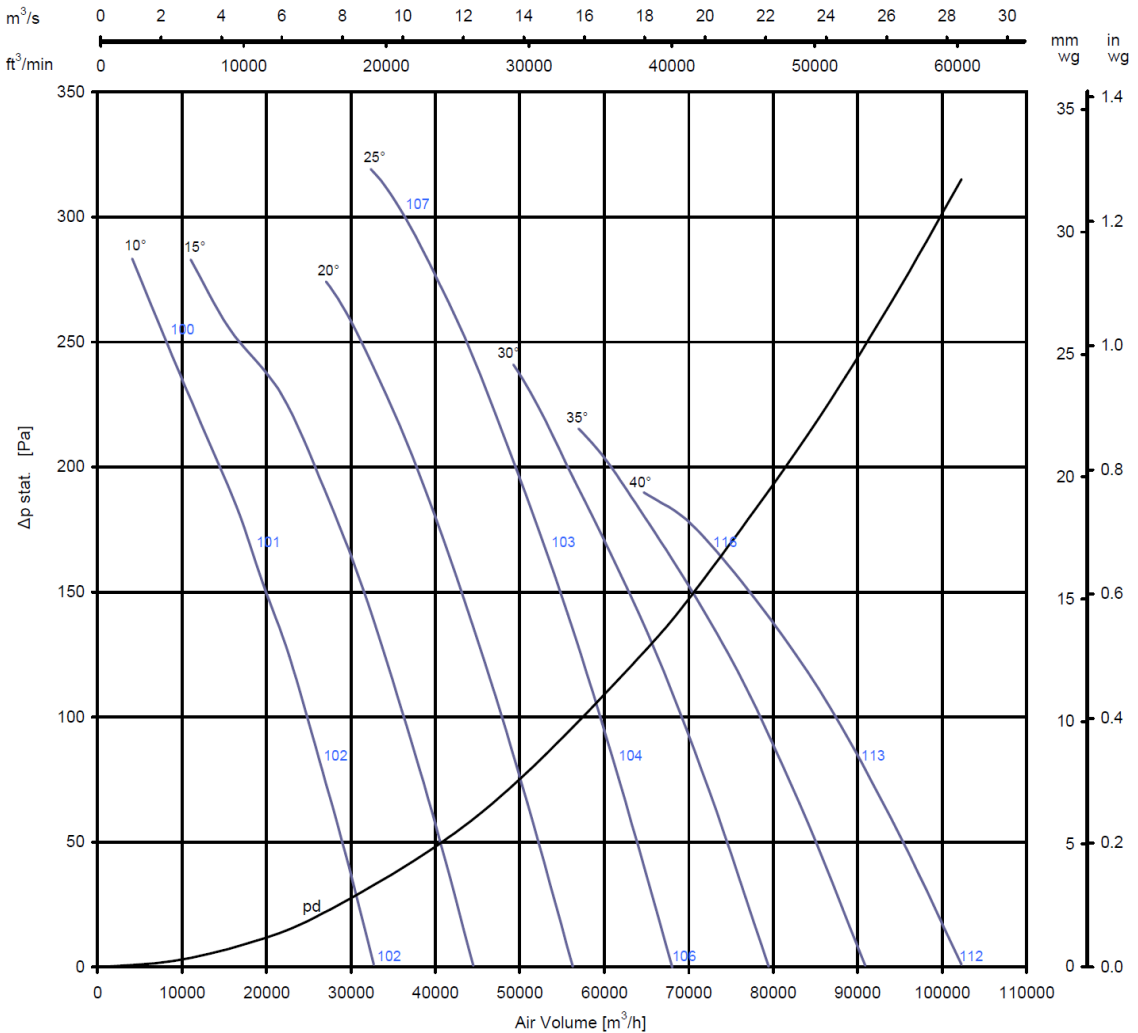
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	$\Delta P_{stat.}$ [Pa]	Inlet Levels							
		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 - $p = 1.2kg/m^3$, 20°C, 1013hPa



- Performance certified 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.



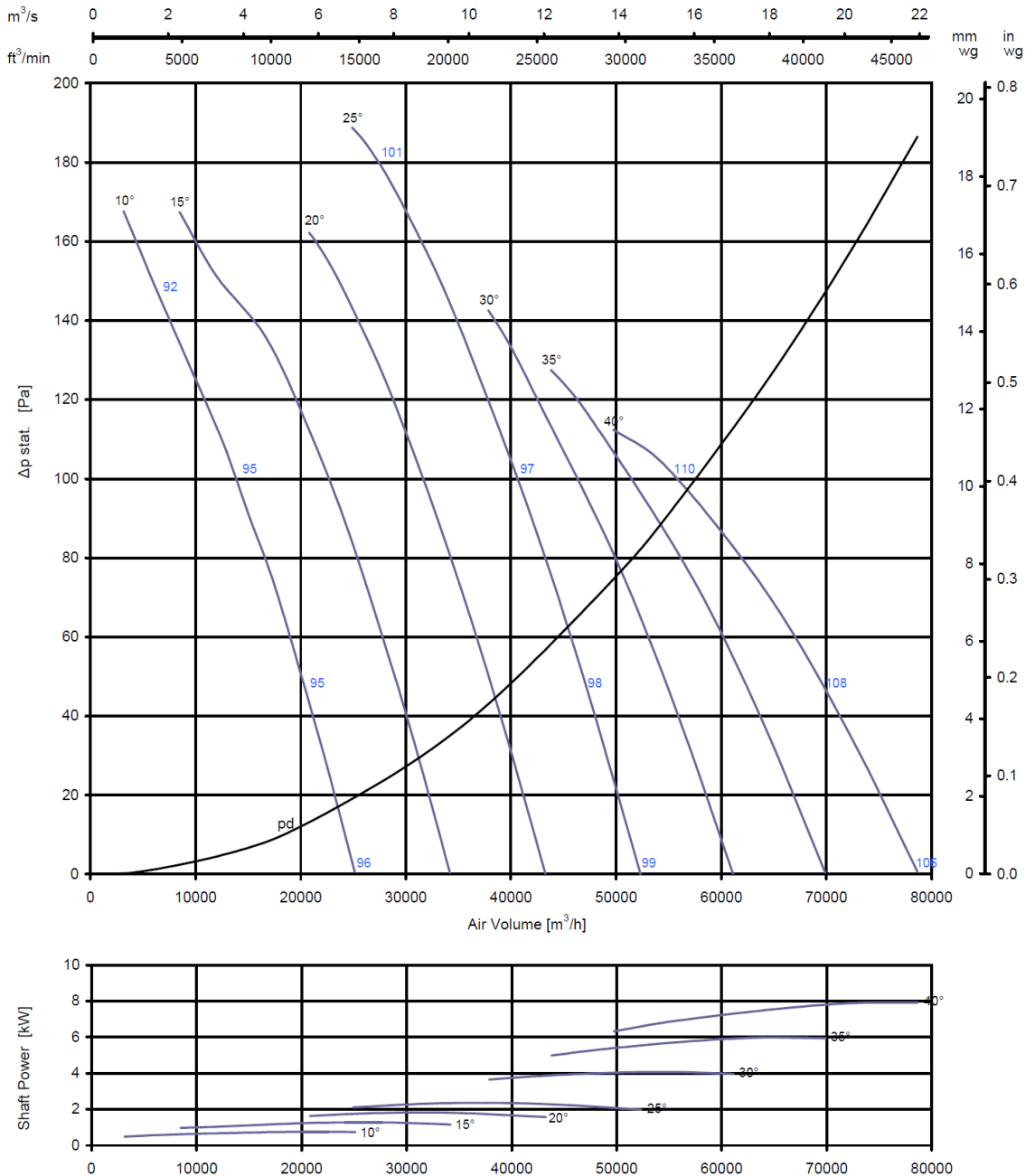
SOUND DATA

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.

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



- Performance certified 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.



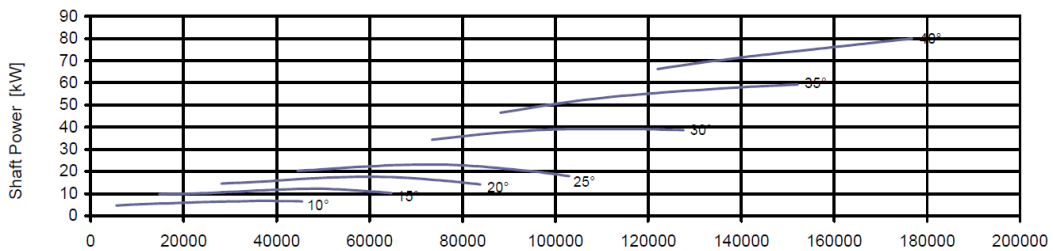
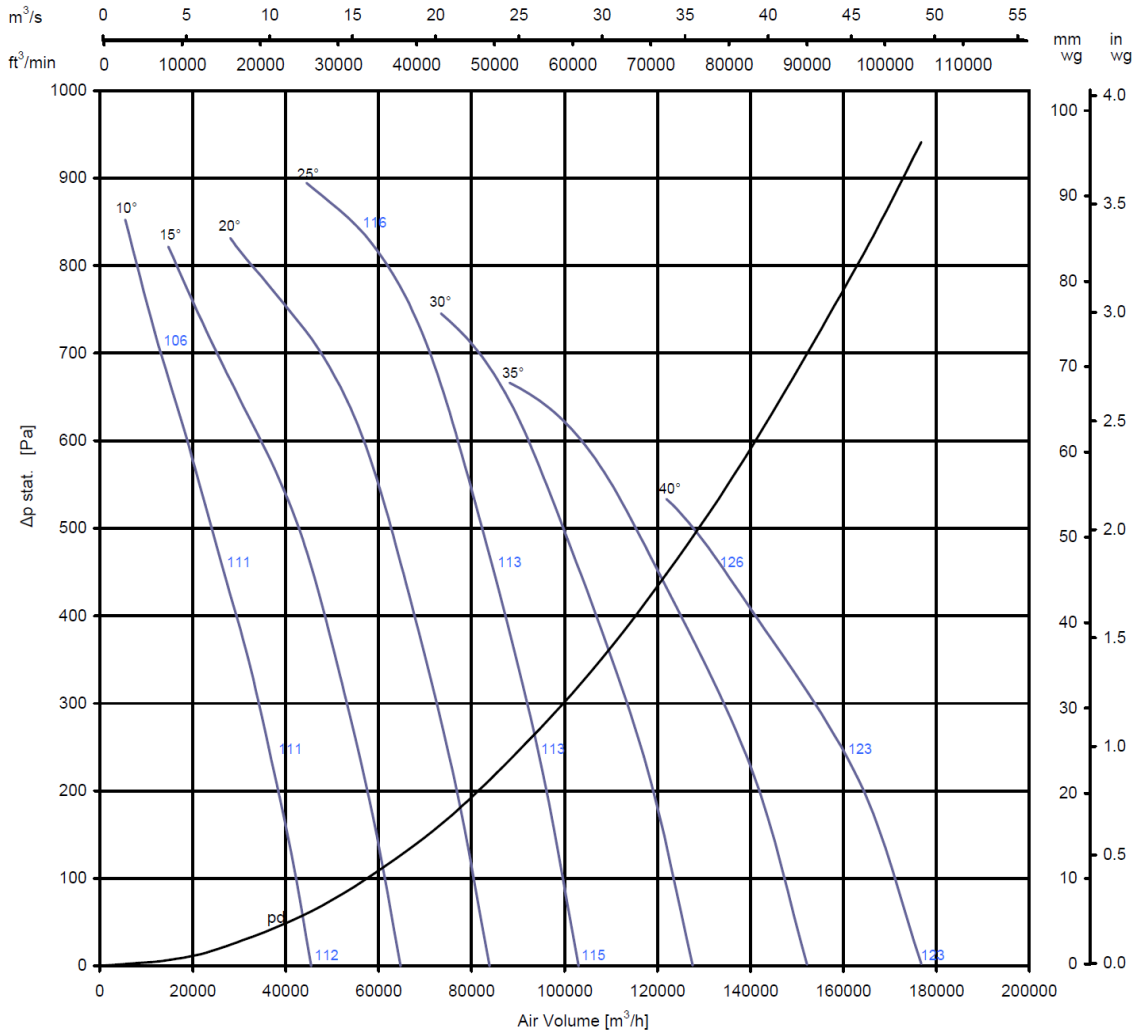
SOUND DATA

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.

Pitch Angle	Inlet Levels								
	$\Delta P_{stat.}$ [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



- Performance certified 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.



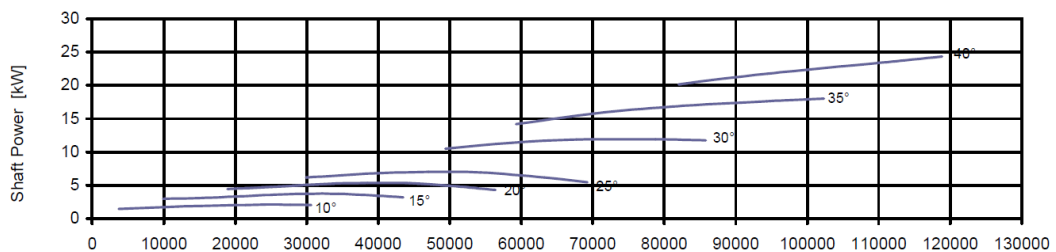
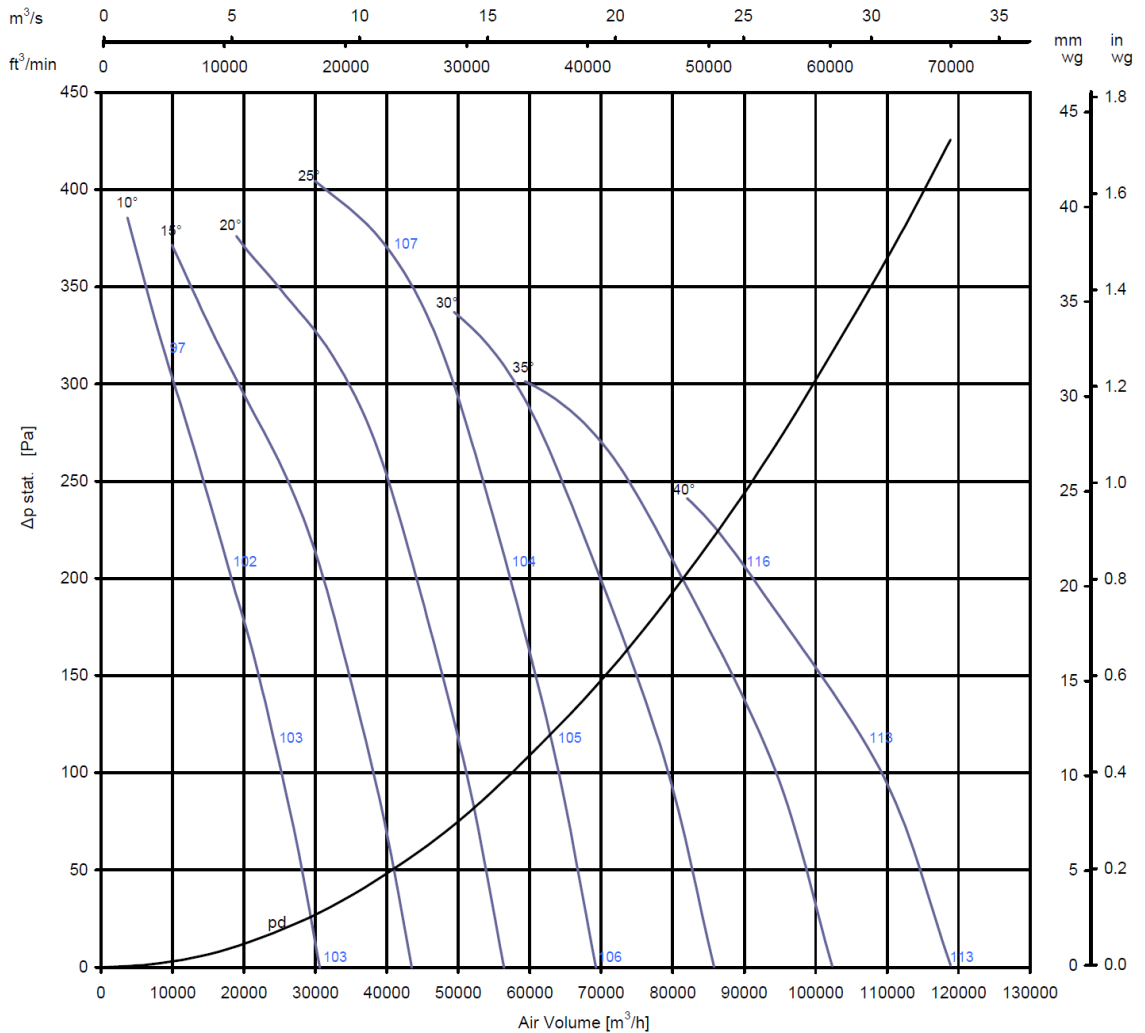
SOUND DATA

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.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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
	<800	-6	-6	-9	-7	-9	-11	-15	-19
25°	<400	-6	-6	-9	-7	-9	-11	-15	-19
	<700	-7	-7	-9	-4	-6	-9	-13	-20
	<800	-6	-3	-9	-10	-12	-15	-21	-26
40°	<400	-6	-3	-8	-11	-13	-16	-22	-28
	<700	-6	-3	-8	-11	-13	-16	-22	-28
	<800	-6	-3	-8	-11	-13	-16	-22	-28



- Performance certified 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.



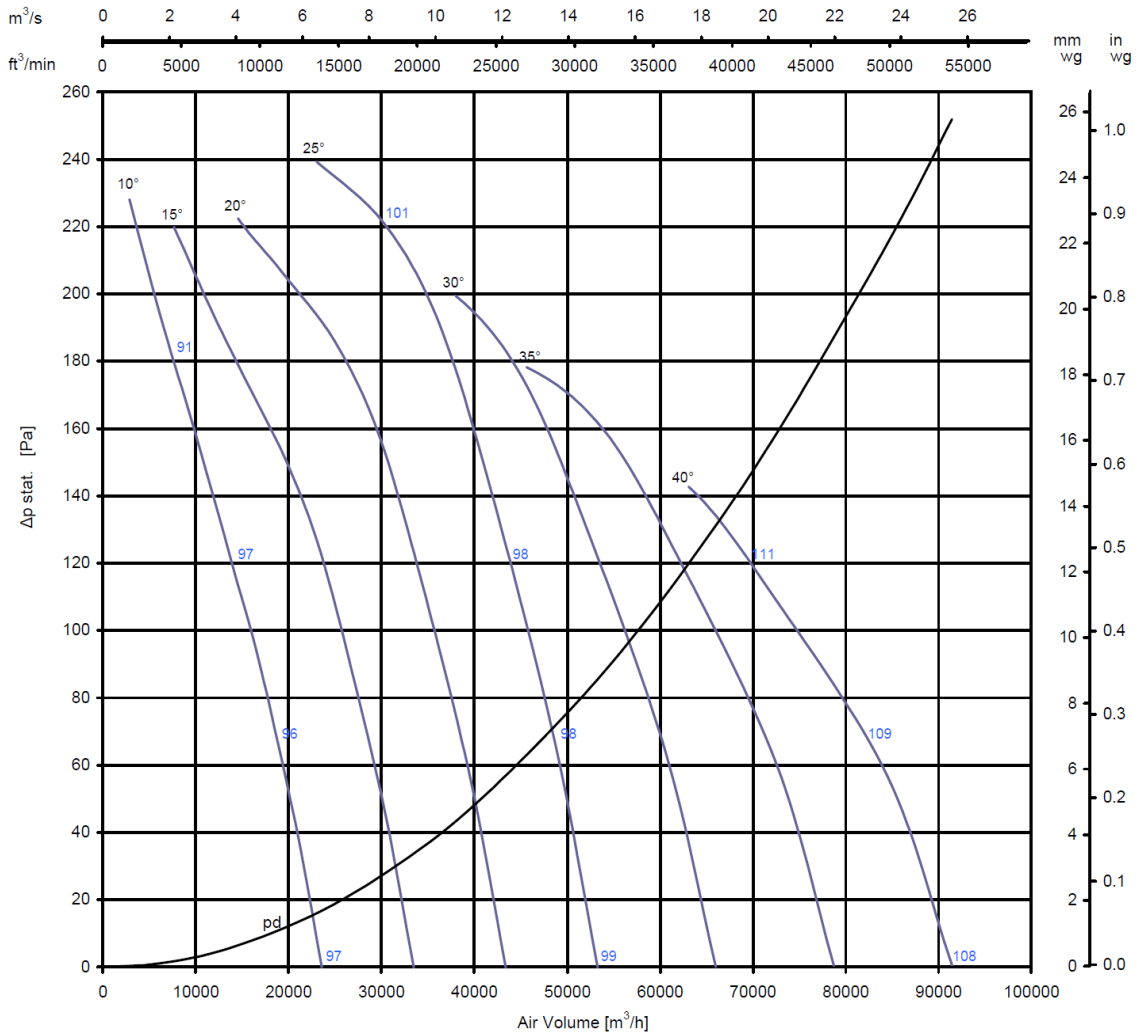
SOUND DATA

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.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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



- Performance certified 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.



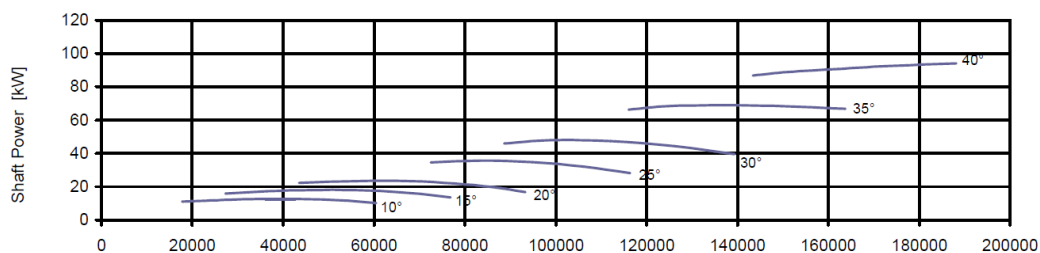
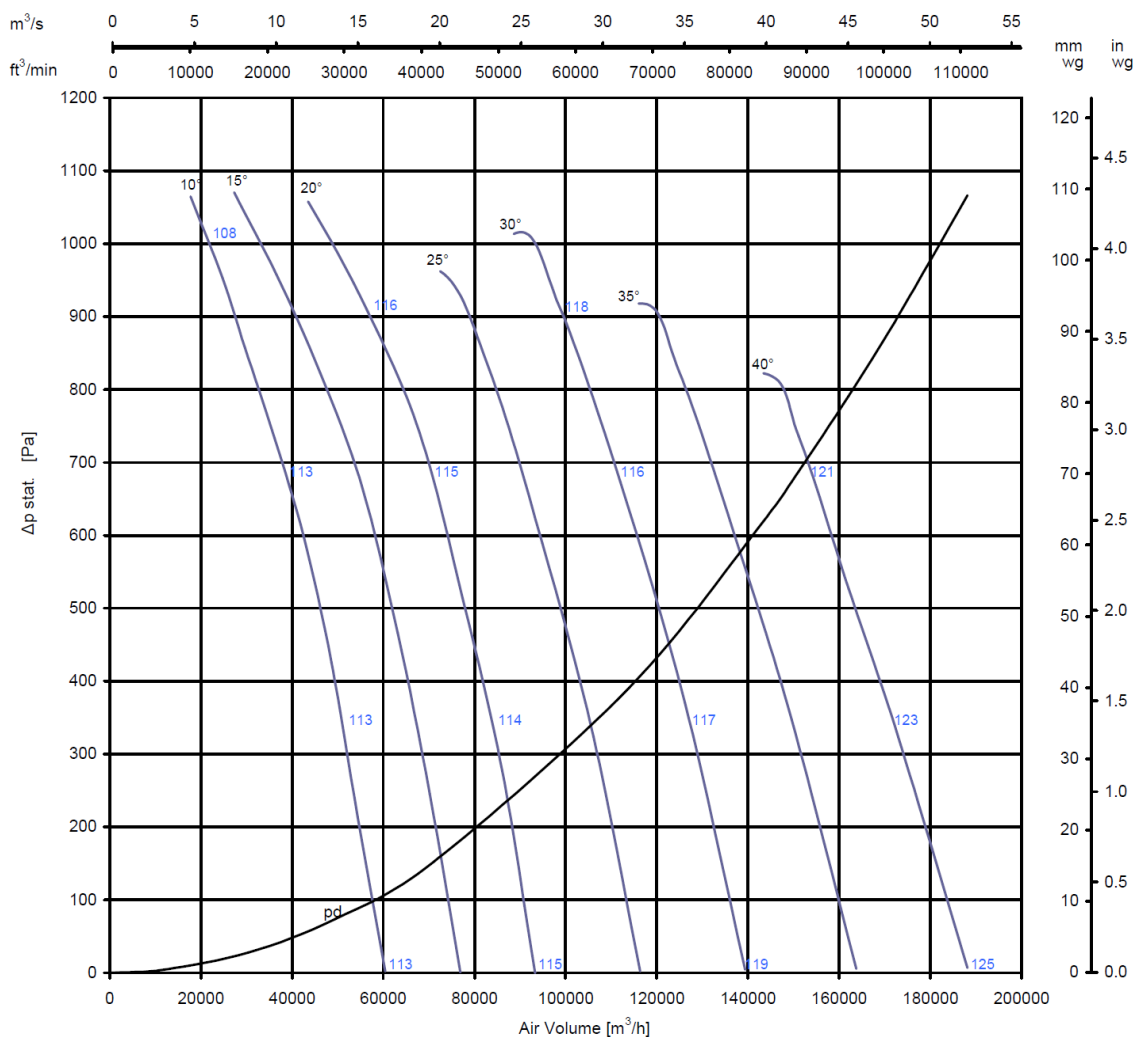
SOUND DATA

Single figure on performance curves are overall inlet Lw 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.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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



- Performance certified 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 Lw sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



SOUND DATA

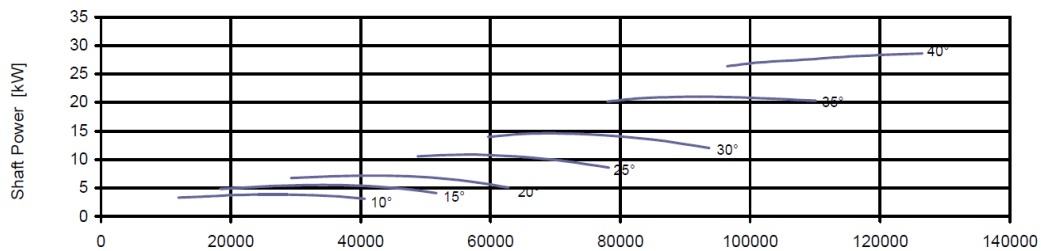
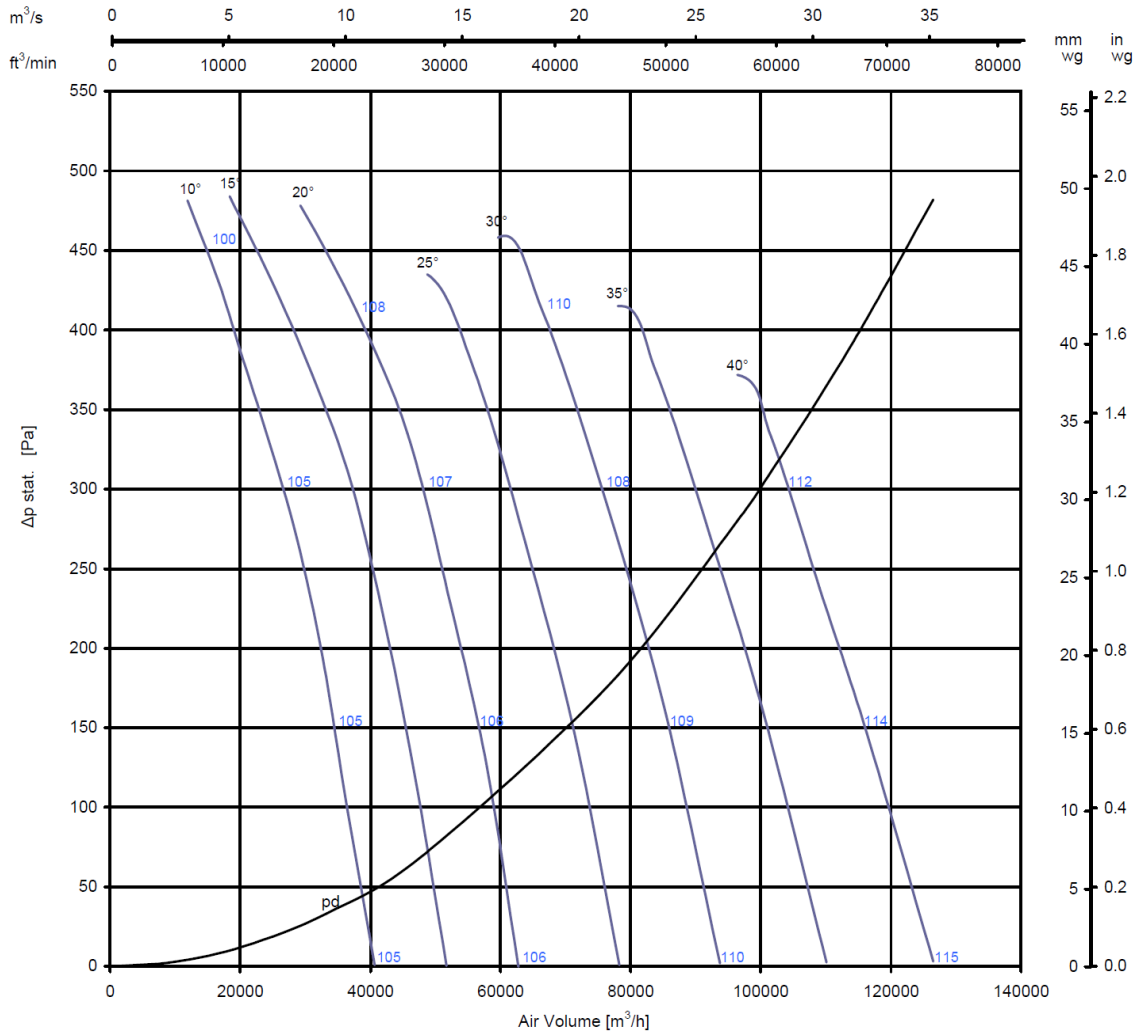
Single figure on performance curves are overall inlet Lw sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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 - $\rho = 1.2 \text{ kg/m}^3$, 20°C, 1013hPa



- Performance certified 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 Lw sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction.



SOUND DATA

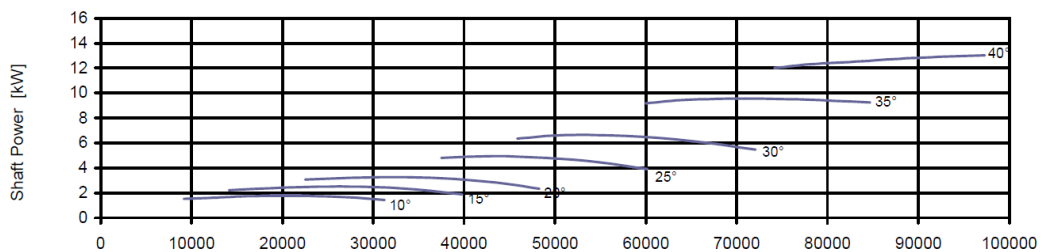
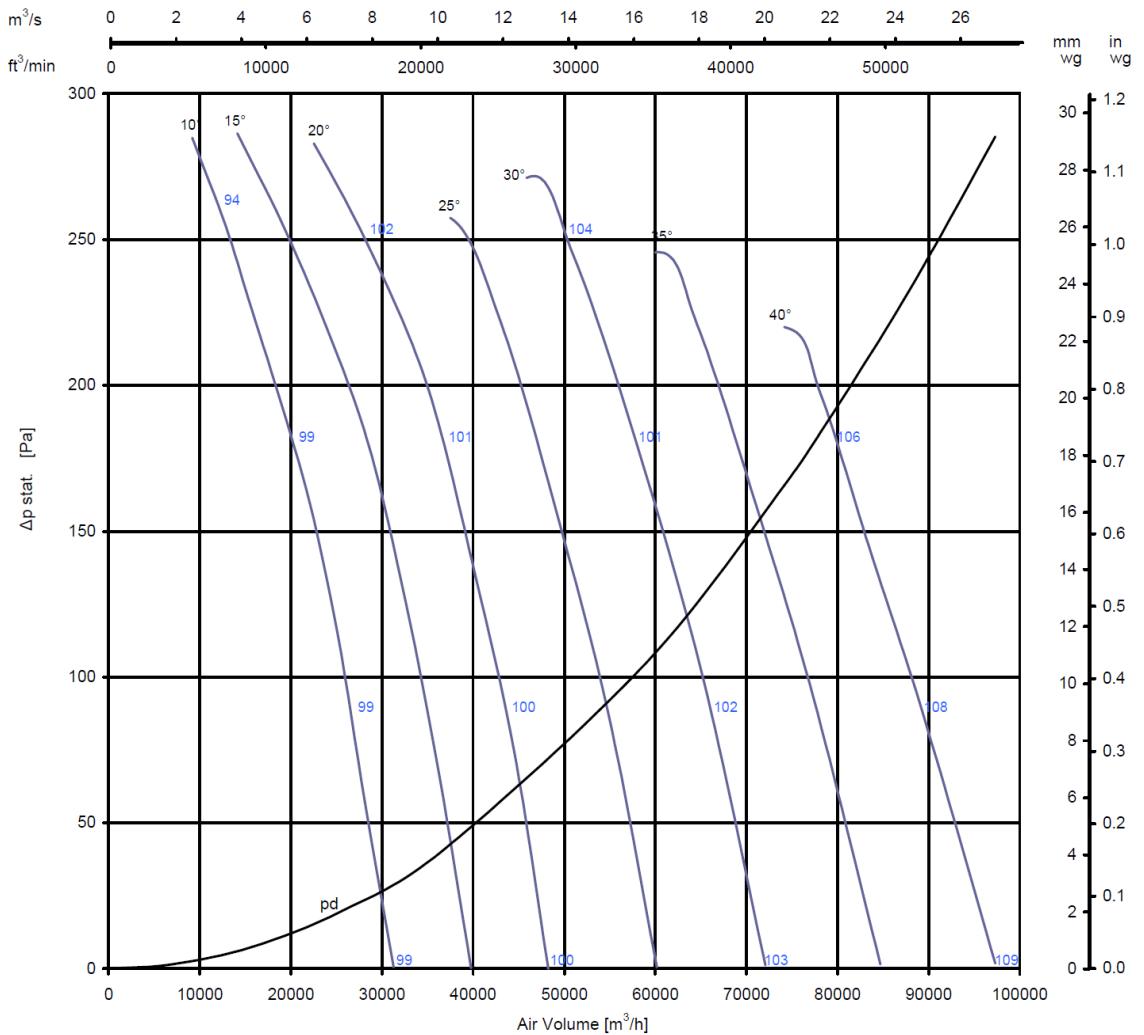
Single figure on performance curves are overall inlet Lwi sound power levels, derived from measurements taken in laboratory specifically under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		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 - $\rho = 1.2 \text{ kg/m}^3$, 20°C, 1013hPa



- Performance certified 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.



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.

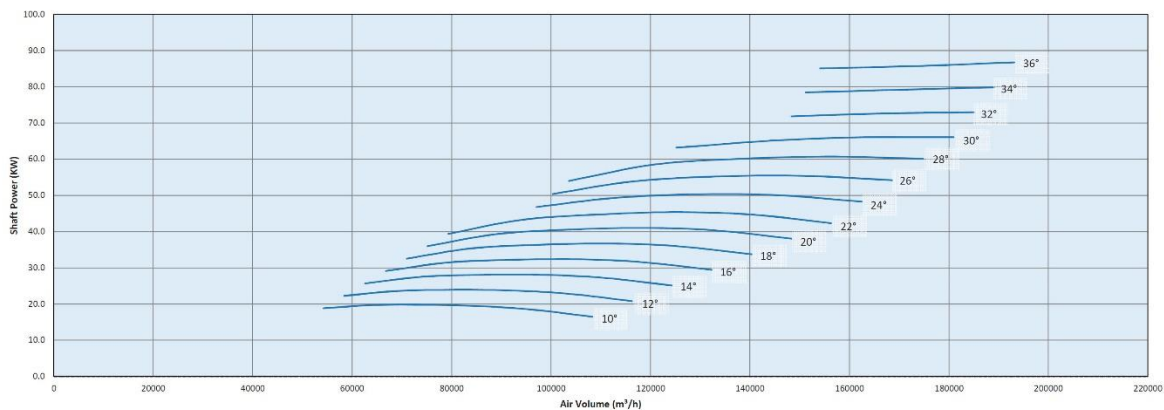
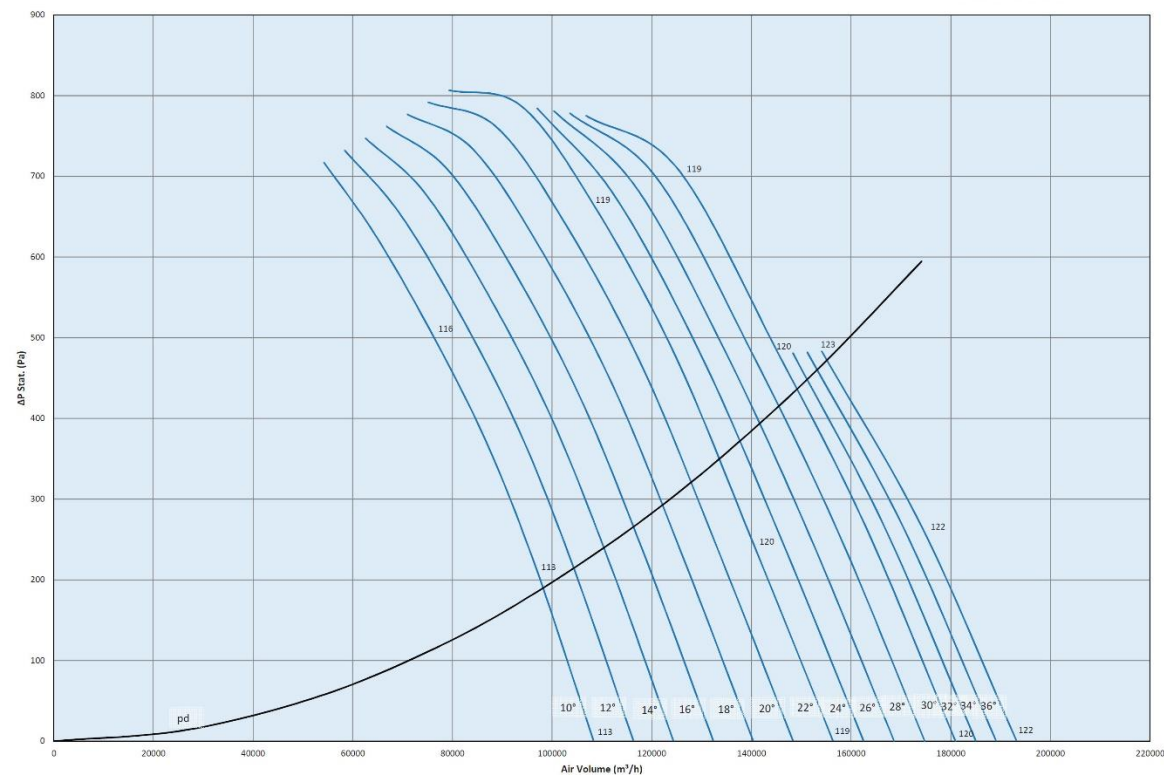
Pitch Angle	ΔP stat. [Pa]	Inlet Levels							
		Octave Band Centre Frequency (Hz)							
		63	125	250	500	1K	2K	4K	8K
10°	<150	-12	-8	-5	-5	-7	-11	-15	-24
	<280	-9	-5	-4	-6	-9	-13	-18	-24
20°	<150	-9	-8	-5	-6	-7	-12	-17	-24
	<280	-10	-7	-4	-6	-9	-14	-19	-26
30°	<150	-5	-7	-5	-8	-12	-16	-20	-26
	<250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



- Performance certified 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.



Axial Fan
Hub : 500mm



SOUND DATA

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

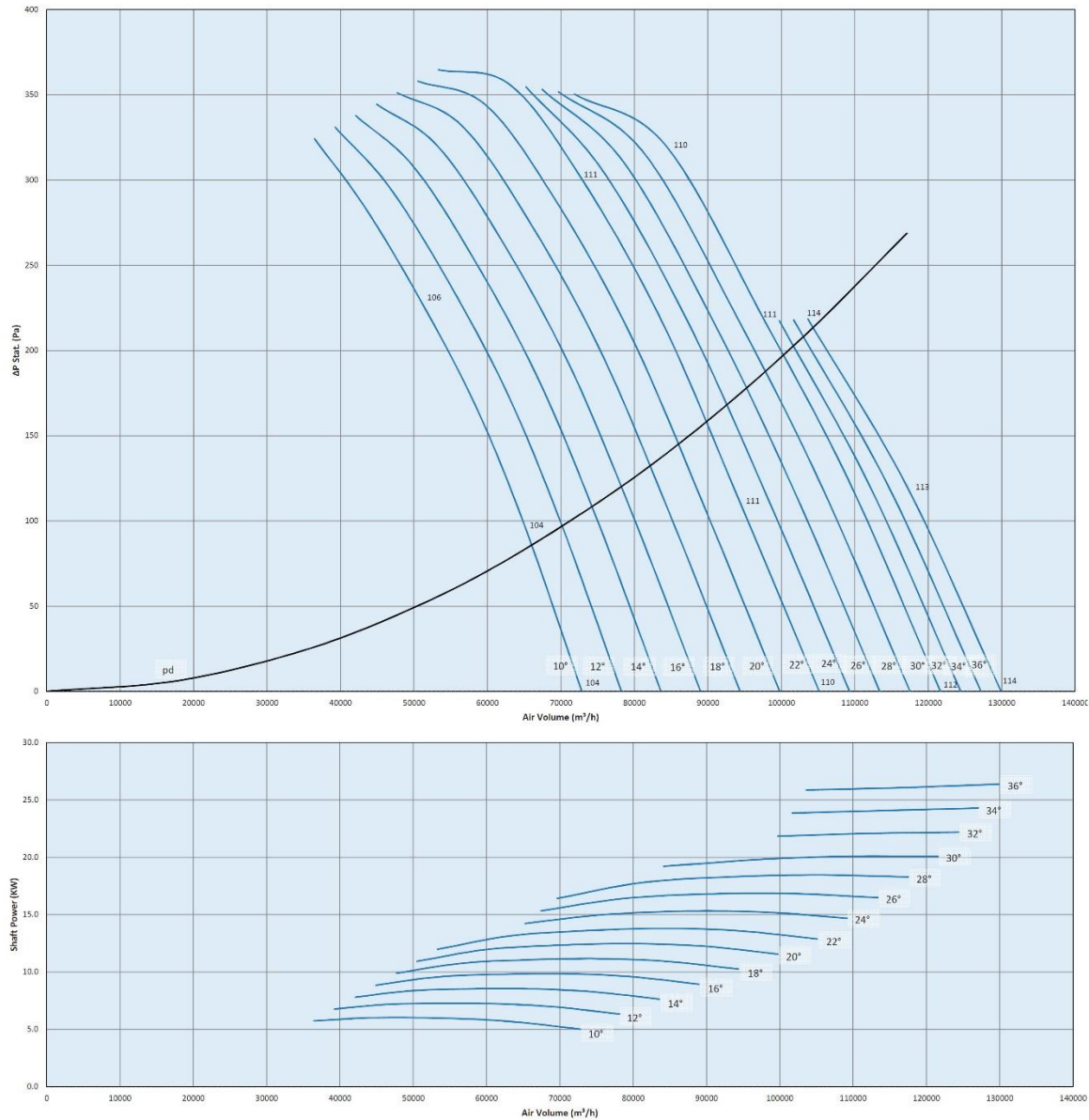
Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-5	-6	-12	-12	-11	-8	-15	-16
	215	-5	-6	-12	-13	-12	-9	-15	-16
	507	-8	-8	-14	-5	-8	-8	-16	-21
22°	0	-3	-3	-15	-17	-19	-17	-23	-24
	238	-3	-4	-14	-18	-20	-17	-22	-24
	649	-5	-3	-16	-17	-16	-15	-19	-21
30°	0	-4	-4	-14	-17	-17	-14	-20	-21
	472	-4	-3	-14	-17	-17	-13	-16	-20
	699	-5	-4	-15	-16	-15	-12	-15	-19
36°	0	-4	-4	-15	-17	-18	-15	-16	-21
	265	-4	-3	-15	-16	-17	-13	-16	-20
	480	-5	-5	-16	-12	-14	-14	-20	-24

AMCA 210, ISO 5801:2007 - $\rho = 1.2\text{kg/m}^3$, 20°C, 1013hPa



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

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SOUND DATA

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

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

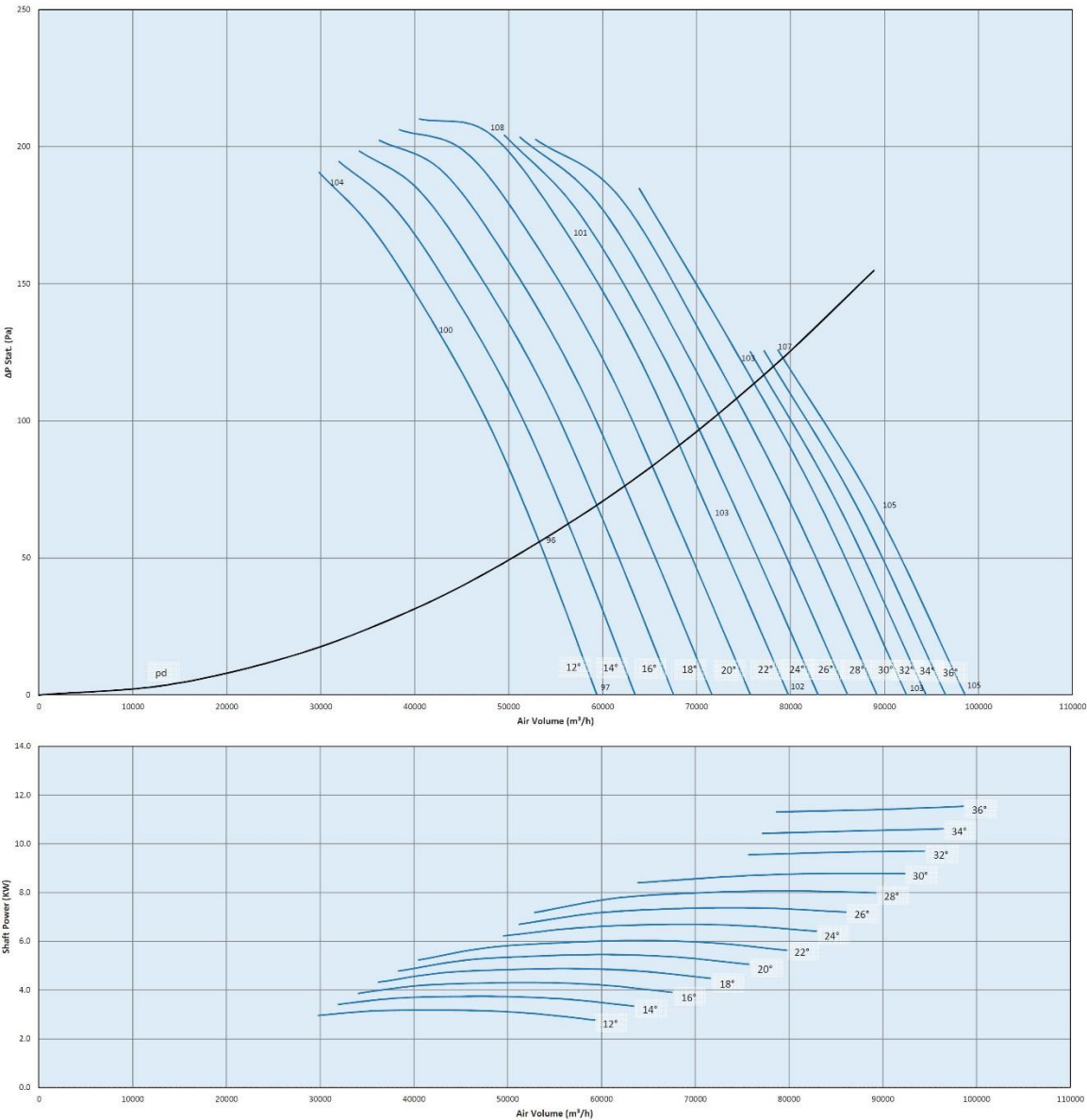


• Performance certified for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)

• The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301.

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

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SOUND DATA

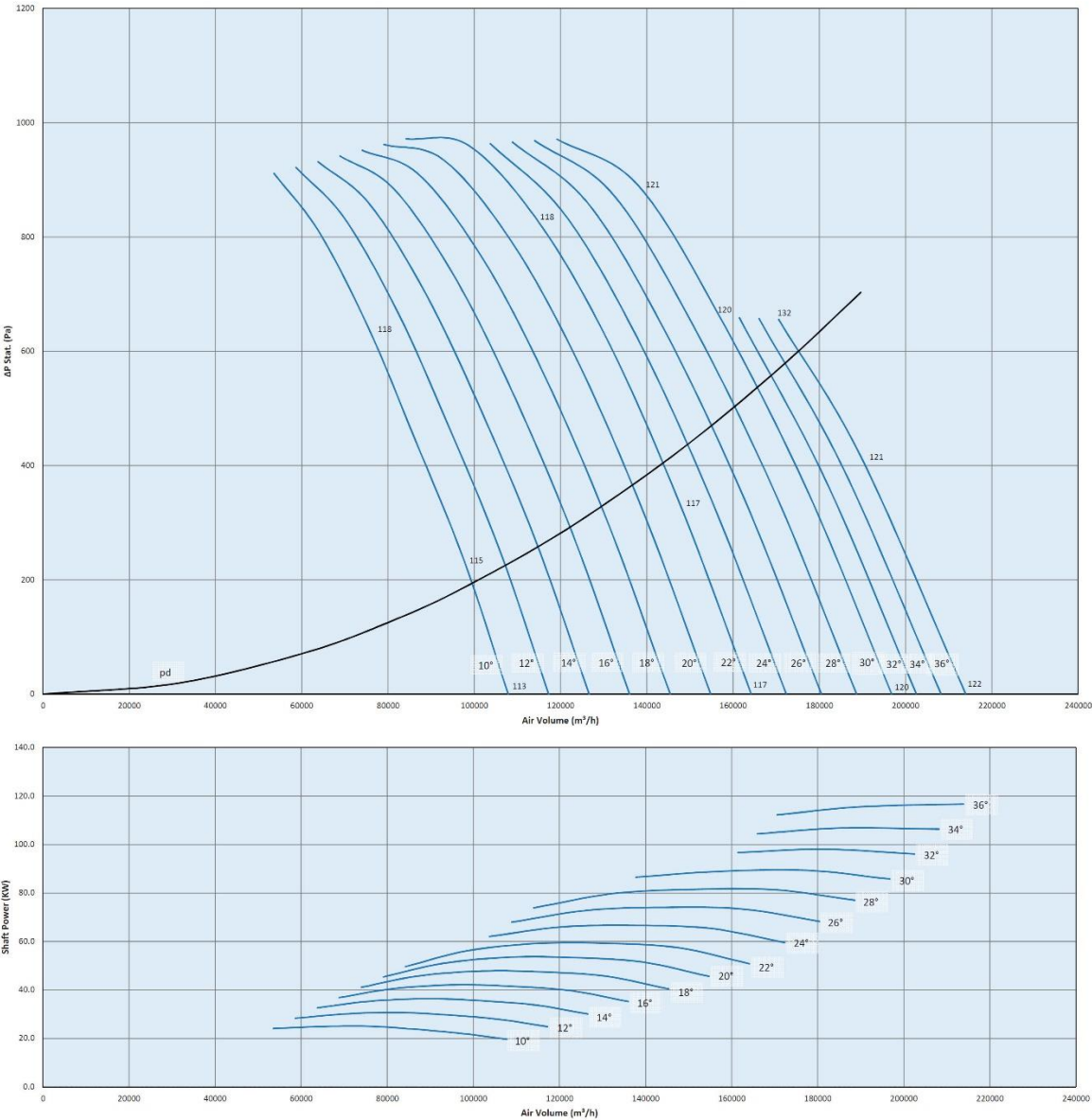
Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

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



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

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SOUND DATA

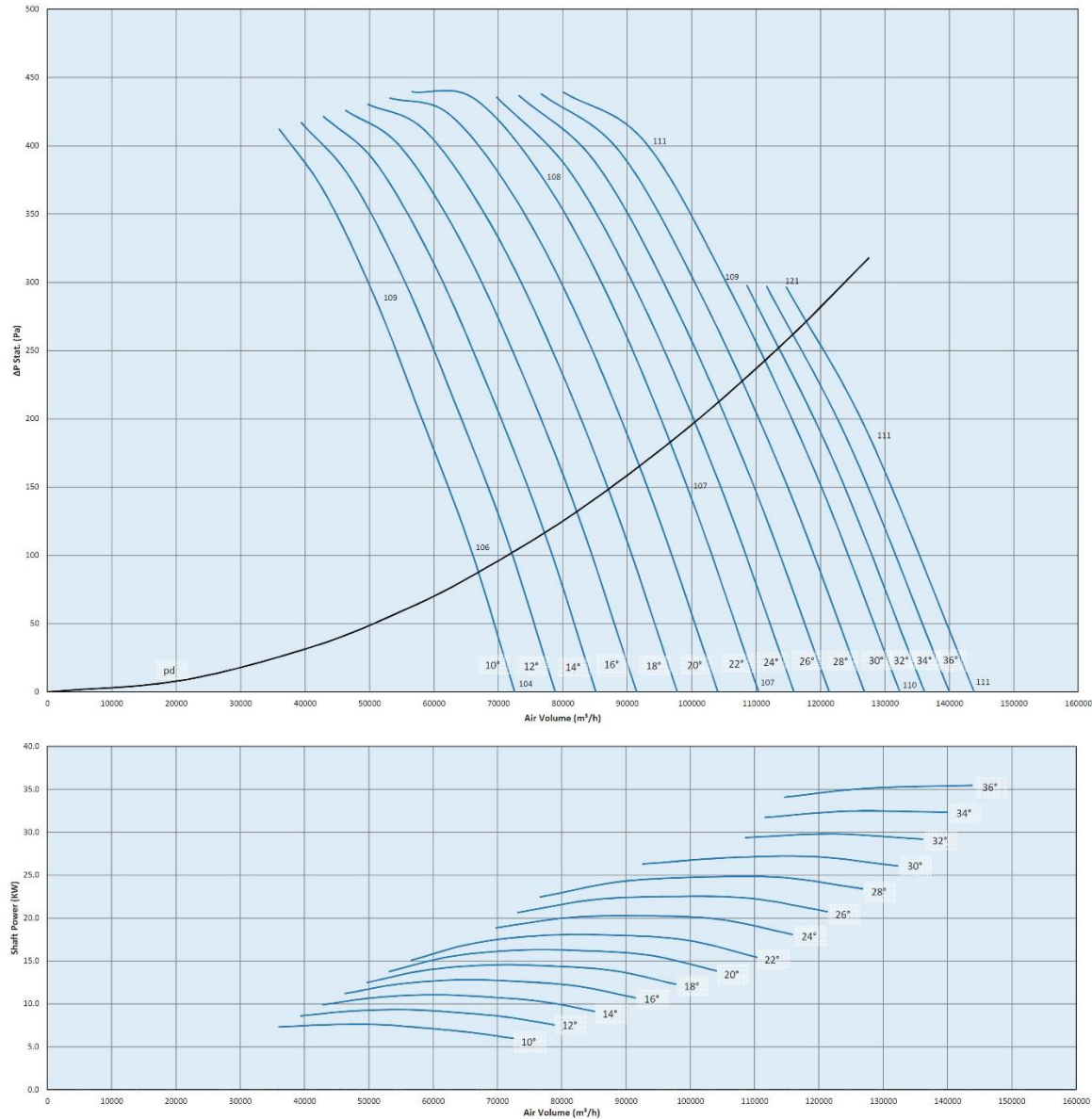
Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

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



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

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SOUND DATA

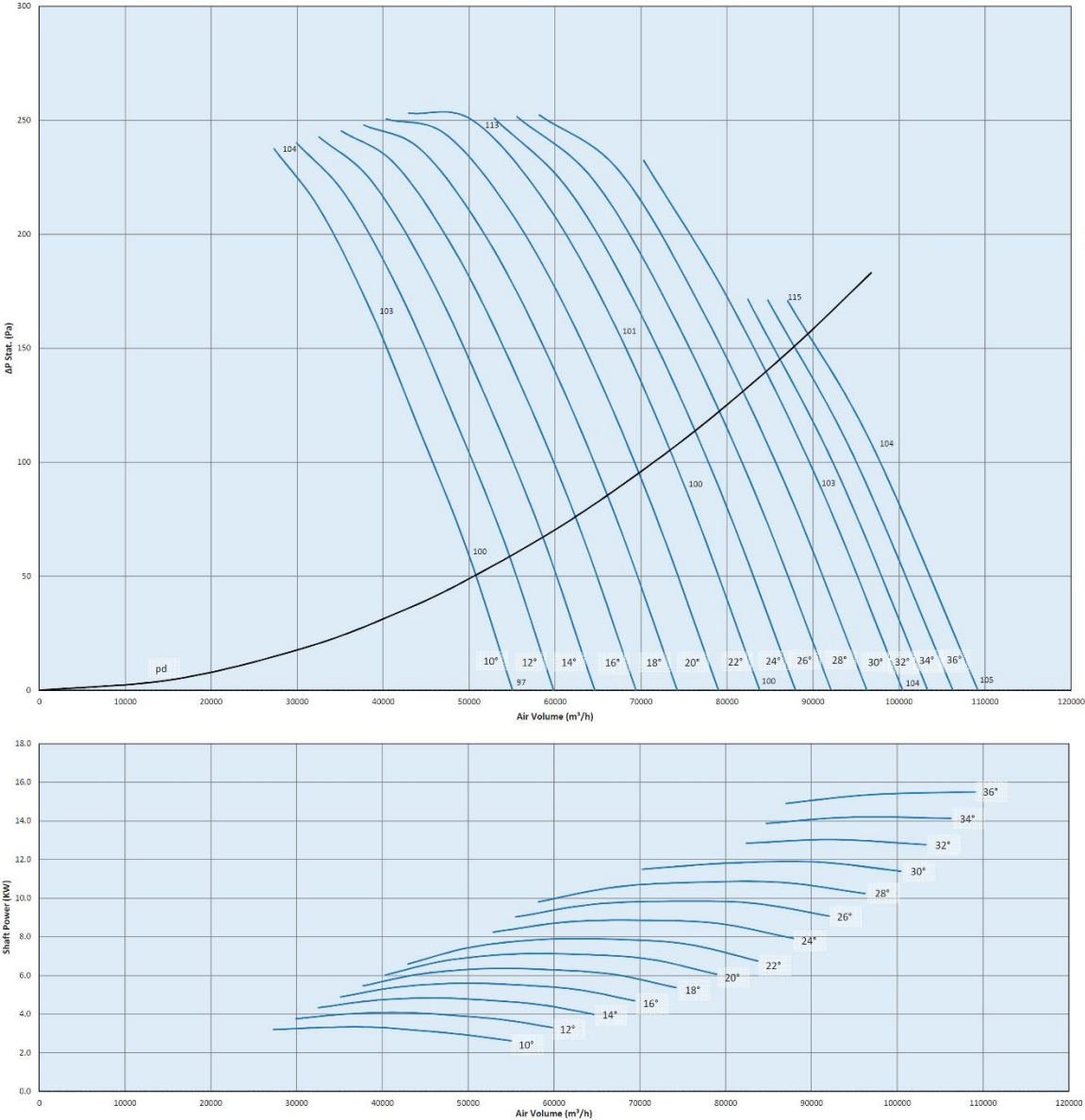
Single figure on performance curves are over all outlet Lwo sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

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



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

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SOUND DATA

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

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

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

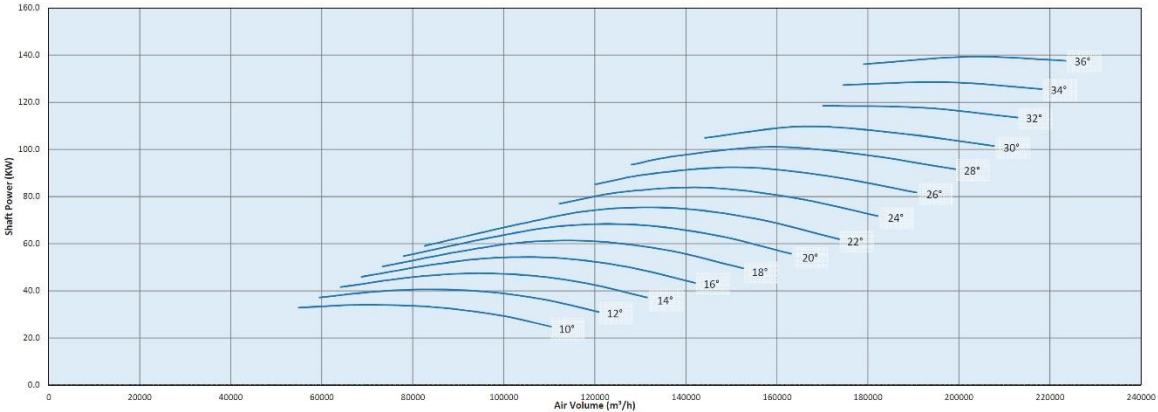
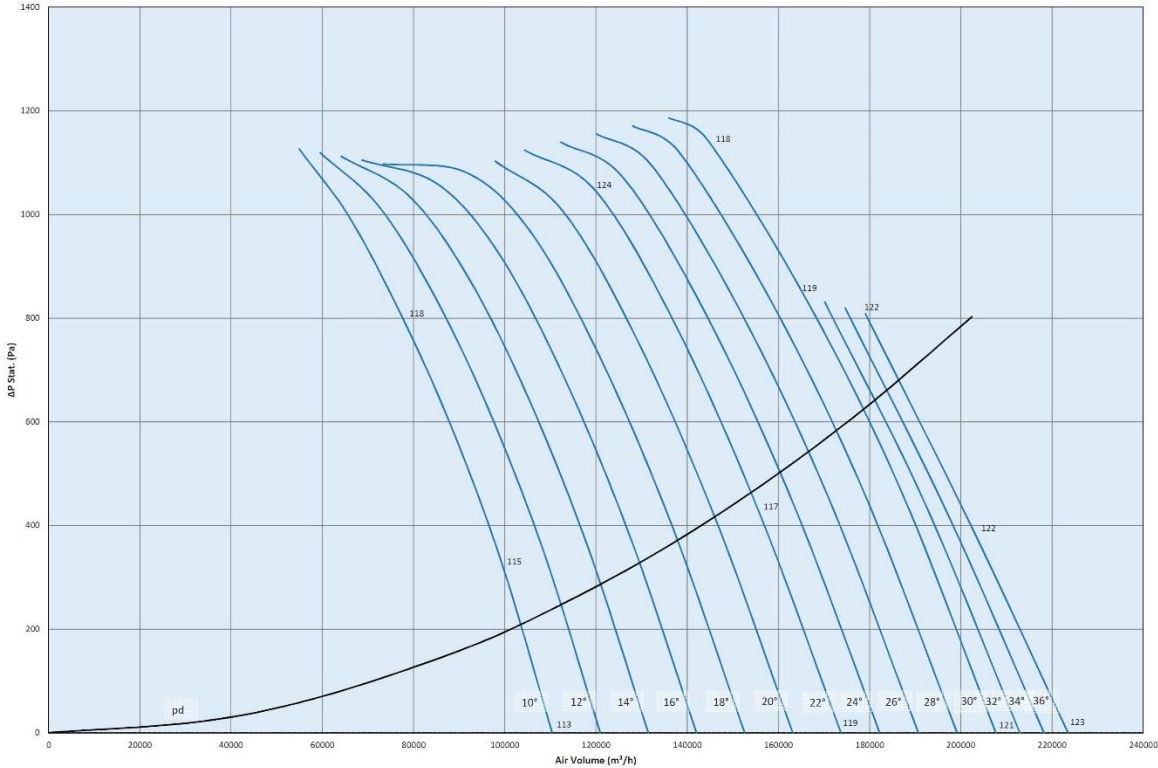


Performance certified for installation type D – Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)

The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301.

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

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SOUND DATA

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

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



• Performance certified for installation type D – Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)

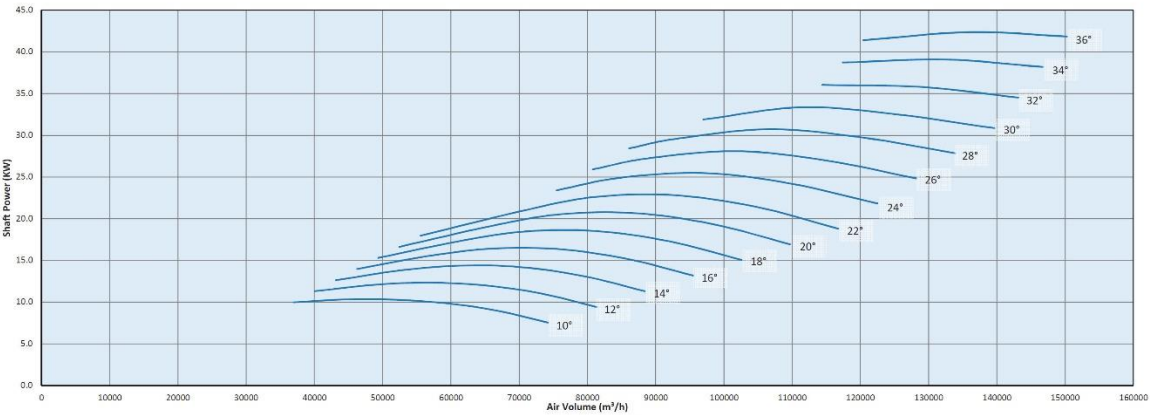
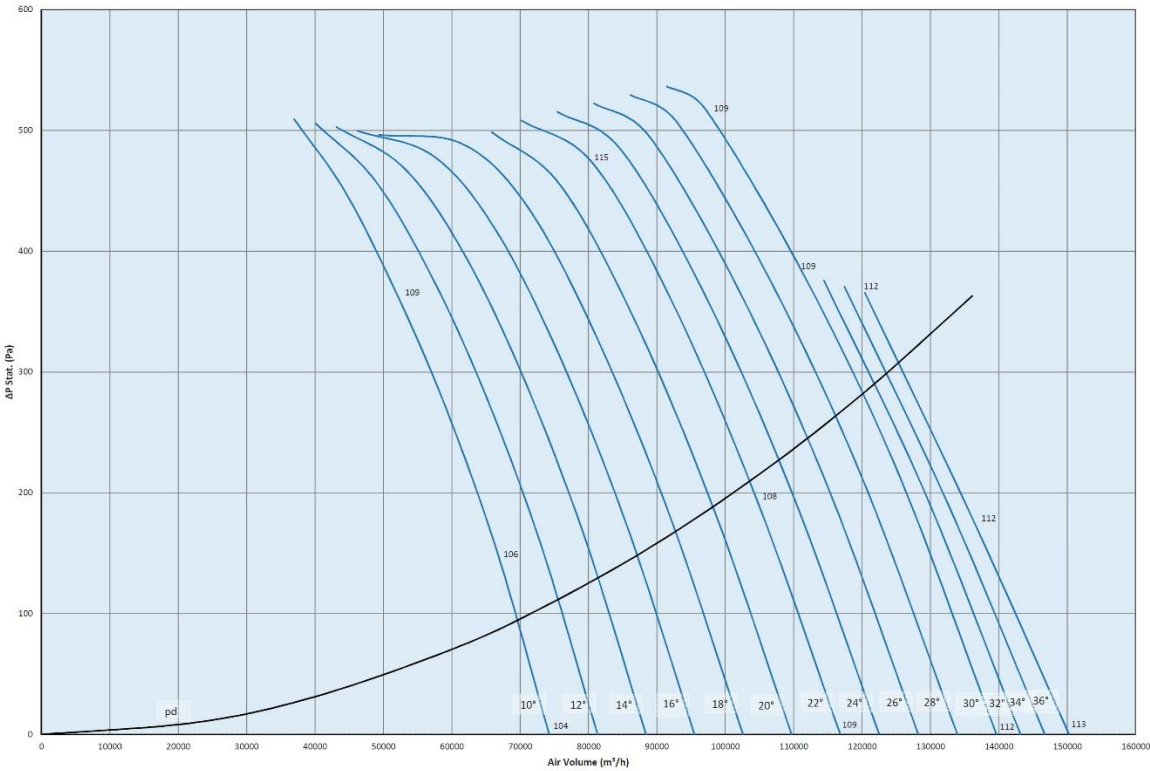
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301.

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

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Axial Fan
Hub : 500mm



SOUND DATA

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

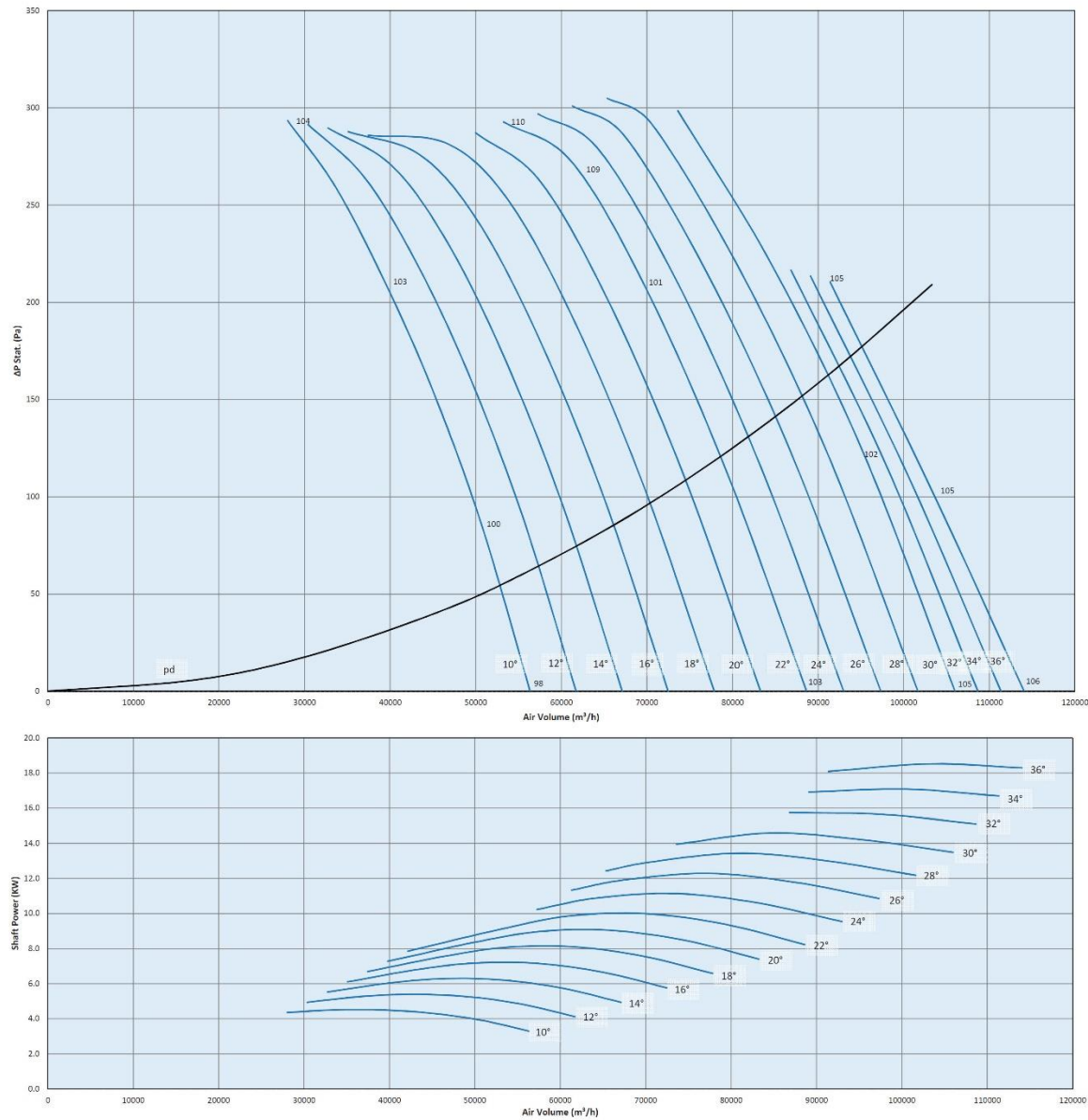
Pitch Angle	AP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-9	-9	-9	-8	-7	-8	-11	-19
	267	-12	-13	-9	-6	-5	-9	-14	-22
	448	-9	-8	-6	-6	-9	-13	-19	-26
22°	0	-2	-7	-10	-14	-13	-17	-20	-24
	354	-7	-9	-8	-7	-8	-11	-15	-20
	467	-6	-6	-6	-9	-12	-16	-22	-28
30°	0	-3	-7	-10	-14	-14	-17	-21	-24
	212	-3	-7	-7	-13	-12	-14	-18	-21
	378	-4	-7	-9	-11	-10	-12	-15	-18
36°	0	-2	-7	-11	-15	-14	-17	-20	-22
	177	-3	-7	-10	-14	-12	-14	-18	-20
	361	-3	-8	-11	-13	-11	-14	-17	-19

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



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

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SOUND DATA

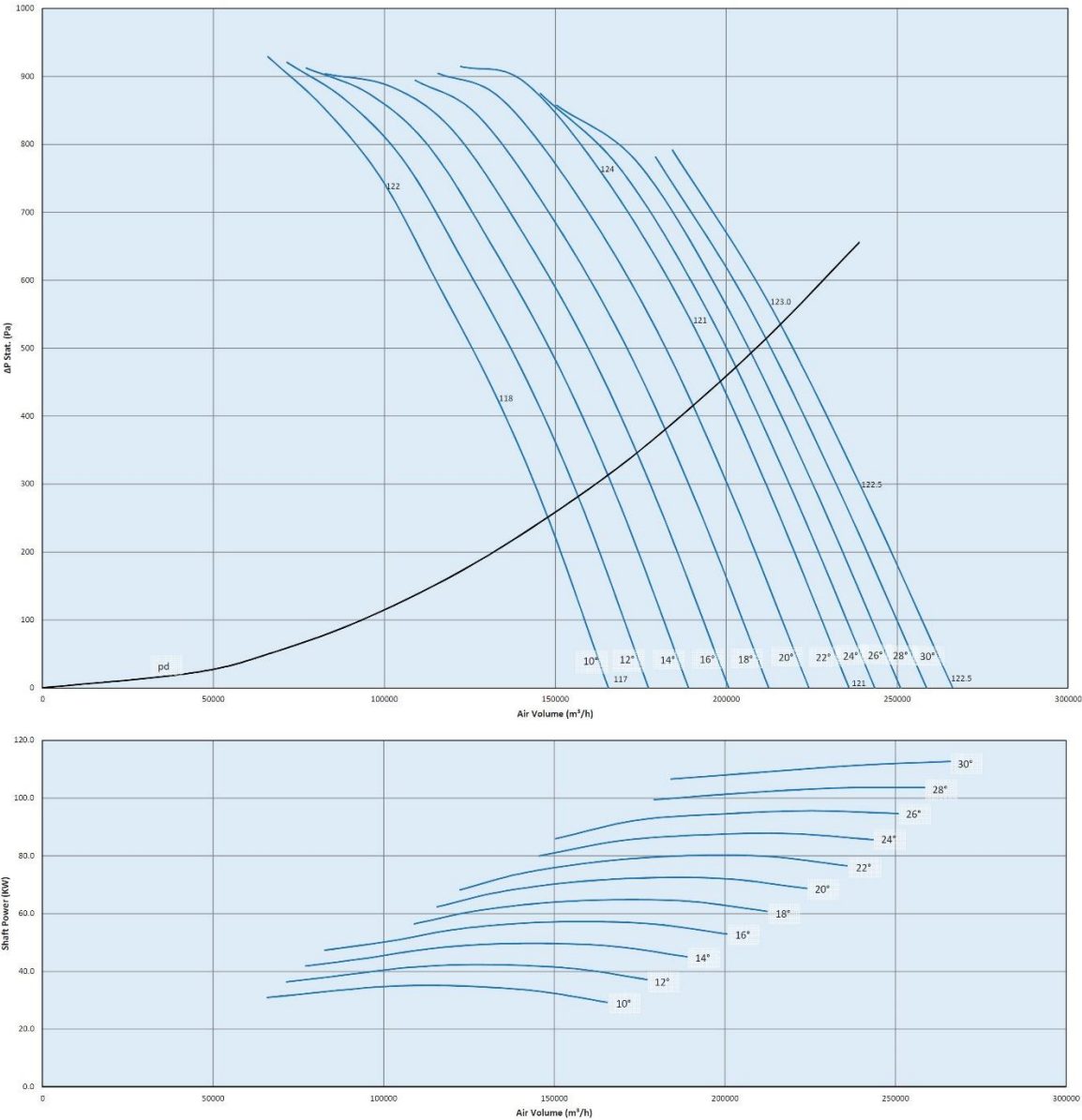
Single figure on performance curves are over all inlet Lwi sound power levels, derived from measurements taken specifically in the laboratory under ducted conditions. For sound power levels in eight octave bands, apply the following corrections to the overall levels.

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



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

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SOUND DATA

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

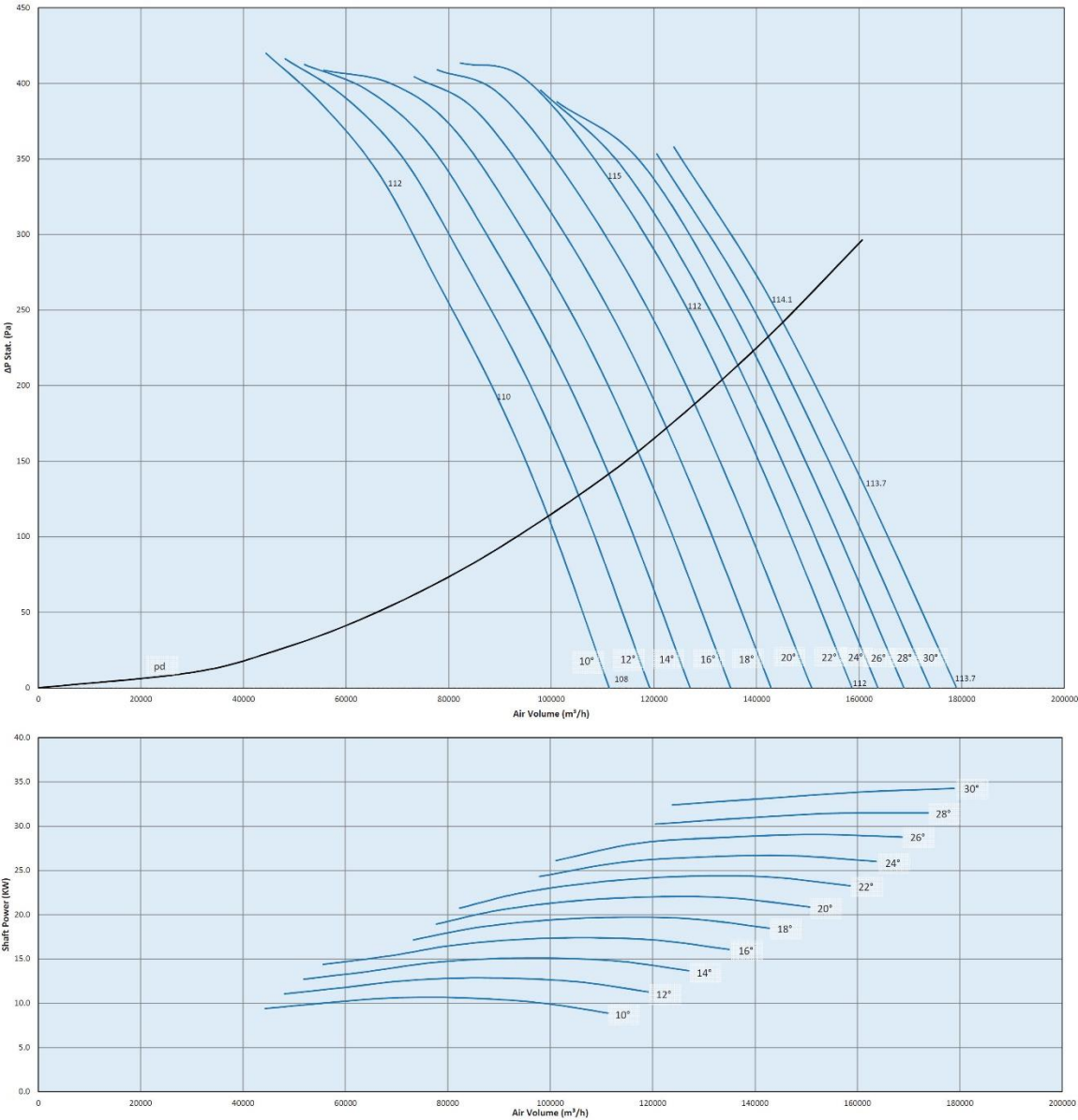
Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-5	-5	-8	-13	-13	-13	-15	-14
	426	-8	-7	-14	-8	-7	-8	-14	-17
	737	-11	-11	-10	-2	-9	-13	-18	-21
22°	0	-4	-4	-11	-13	-17	-18	-21	-19
	538	-4	-4	-10	-12	-12	-14	-16	-18
	741	-7	-7	-10	-5	-8	-12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

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



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

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SOUND DATA

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

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

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



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

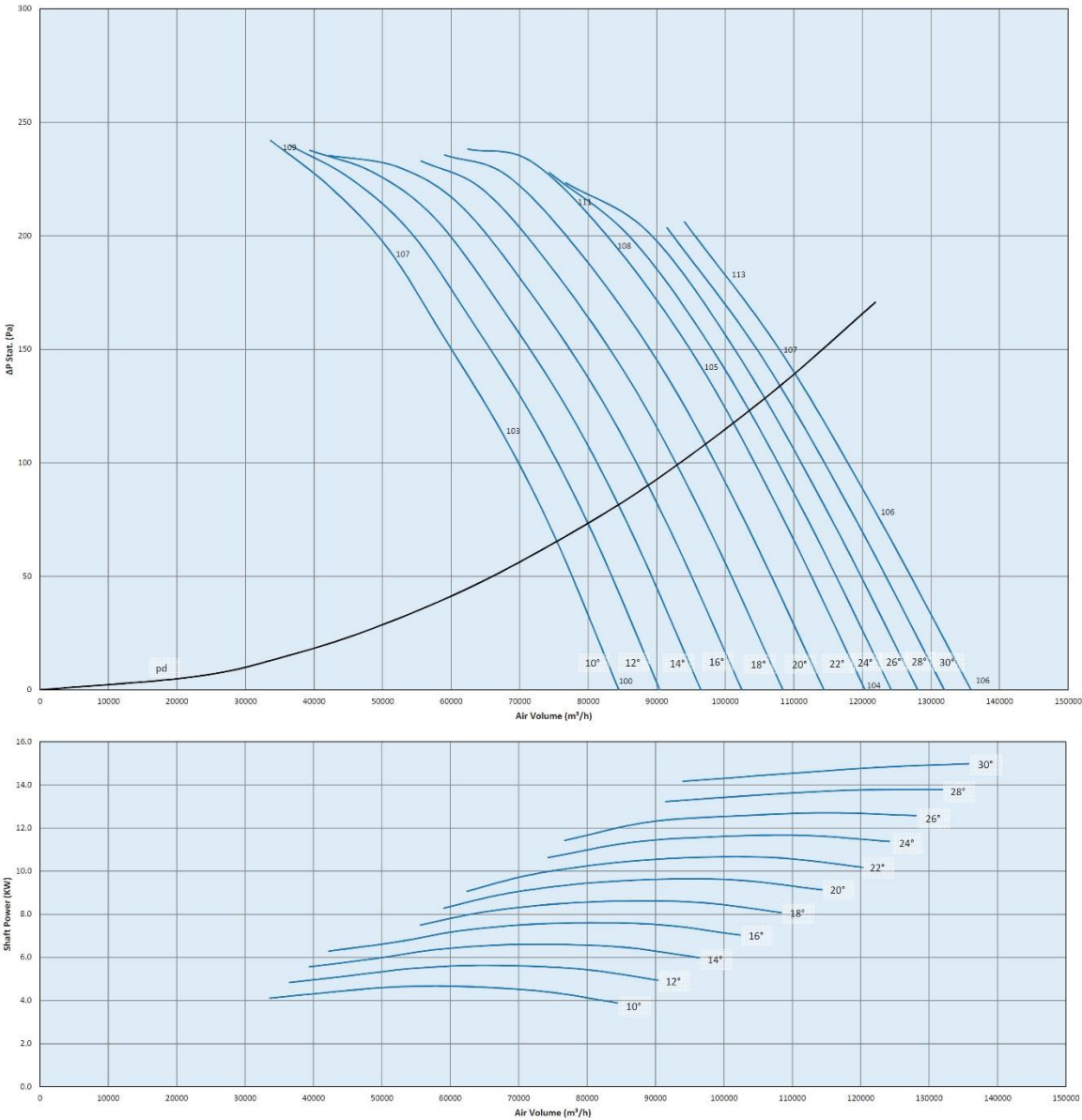
The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301.

Values shown are for outlet 1 two sound power levels for installation type D: ducted inlet, ducted outlet. Ratings include the effects of duct end correction

FEG 71



Axial Fan
Hub : 500mm



SOUND DATA

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

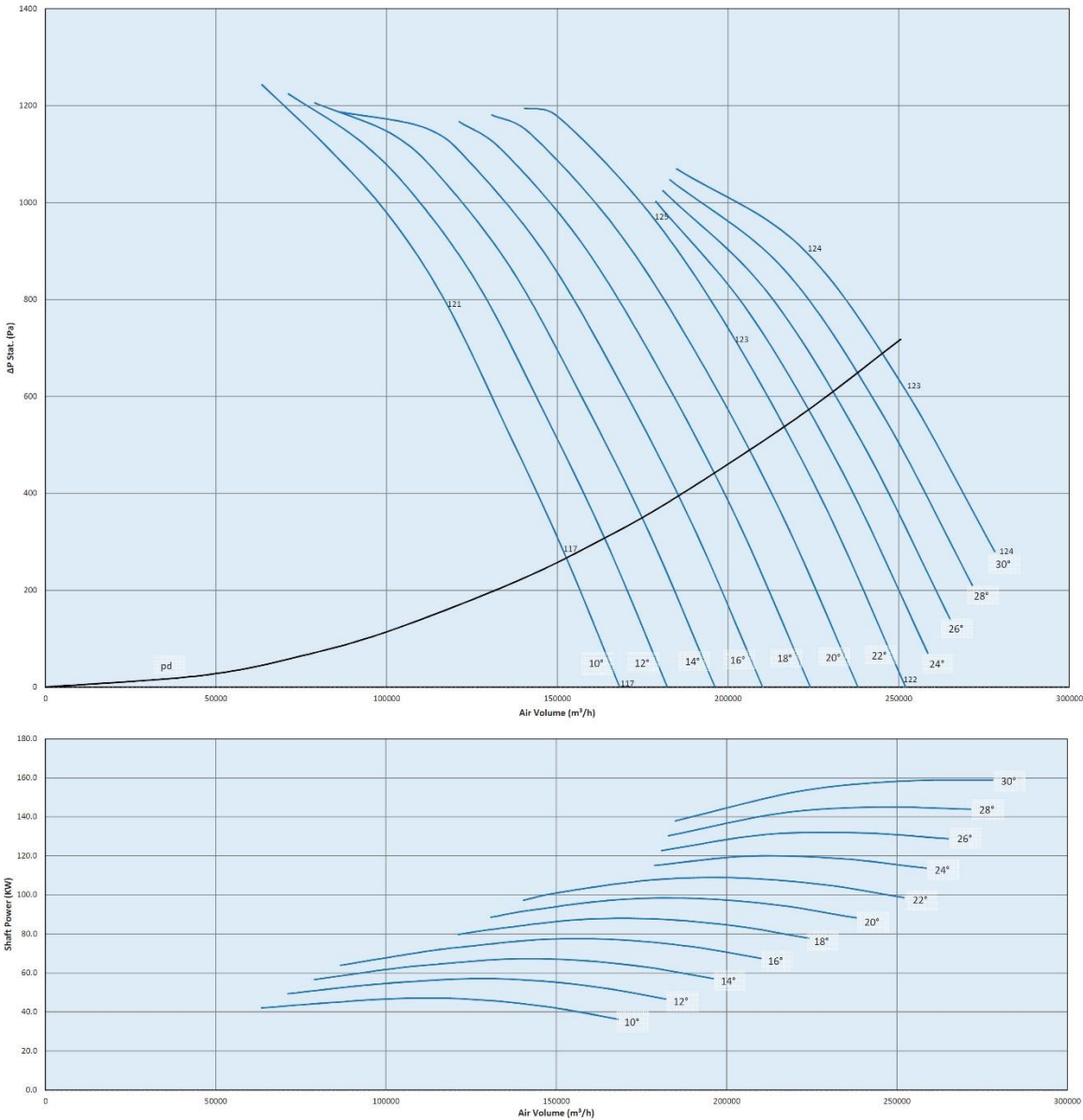
Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-4	-6	-11	-11	-14	-12	-20	
	111	-7	-12	-7	-6	-7	-13	-16	-23
	192	-11	-10	-2	-9	-13	-18	-21	-26
	239	-1	-10	-12	-15	-17	-21	-23	-27
22°	0	-2	-9	-11	-15	-16	-19	-17	-20
	140	-3	-9	-11	-11	-13	-15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

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



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

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SOUND DATA

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

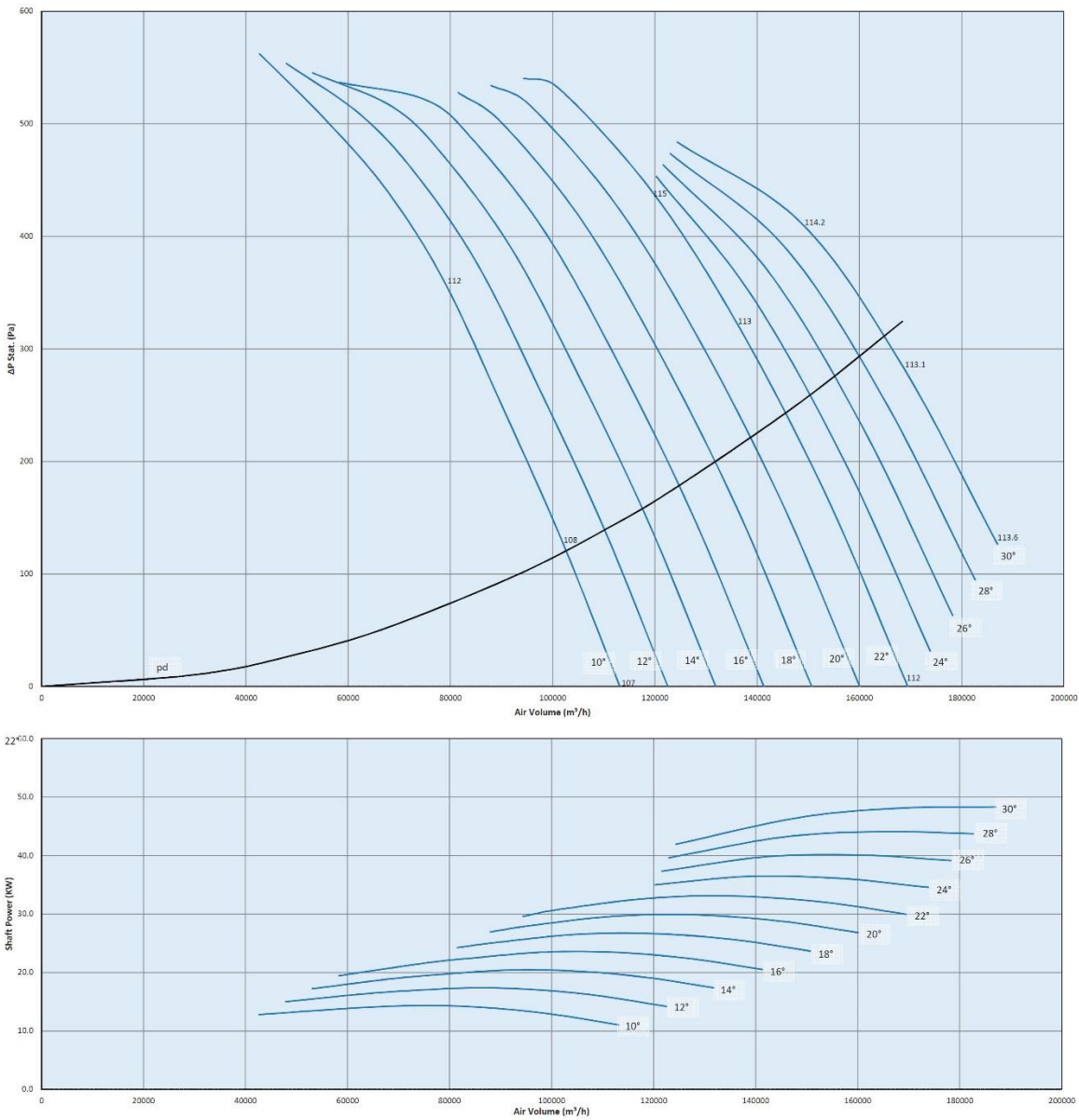
Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-7	-7	-8	-12	-10	-9	-11	-12
	284	-9	-9	-8	-10	-8	-6	-10	-14
	783	-10	-10	-12	-4	-6	-9	-15	-20
22°	0	-4	-4	-10	-12	-16	-16	-19	-20
	718	-6	-6	-11	-9	-8	-11	-15	-18
	968	-8	-8	-11	-5	-7	-11	-16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

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



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

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SOUND DATA

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

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

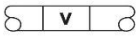
AMCA 210, ISO 5801:2007 - $\rho = 1.2\text{kg/m}^3$, 20°C, 1013hPa



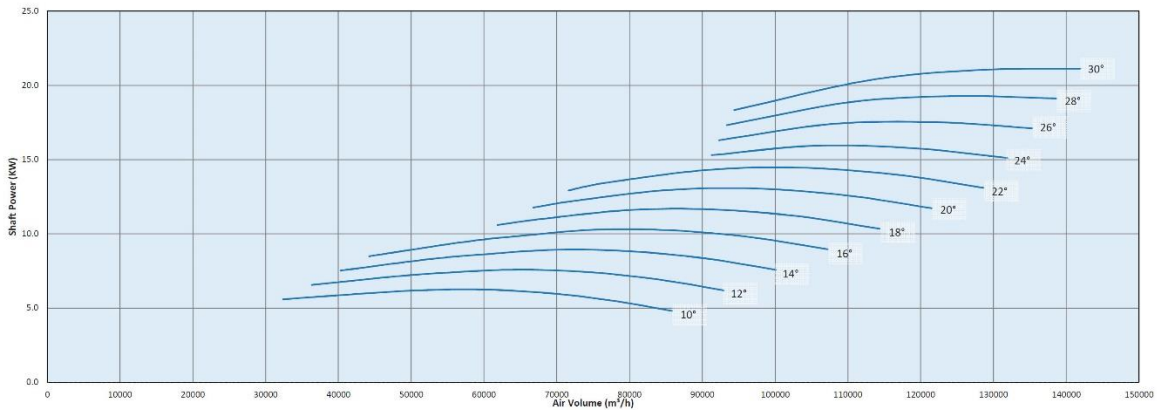
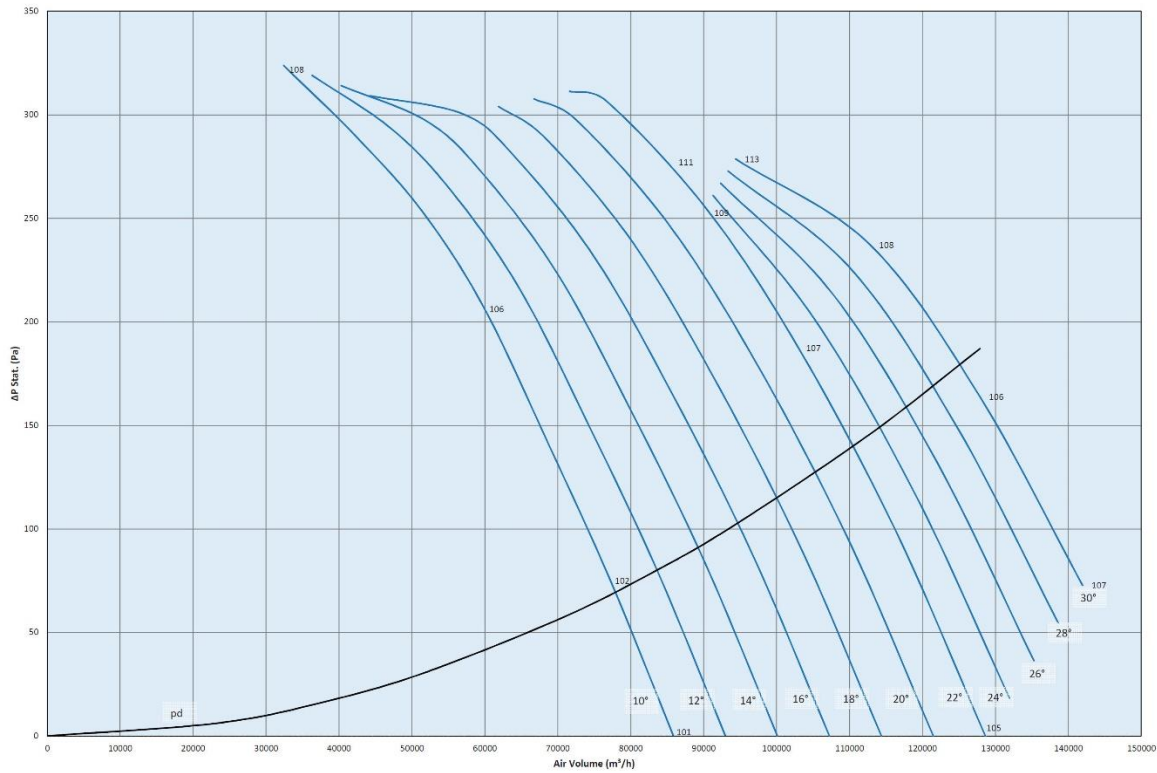
- Performance certified for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)
- The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301. Values shown are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

FEG 67

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



Axial Fan
Hub : 500mm



SOUND DATA

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

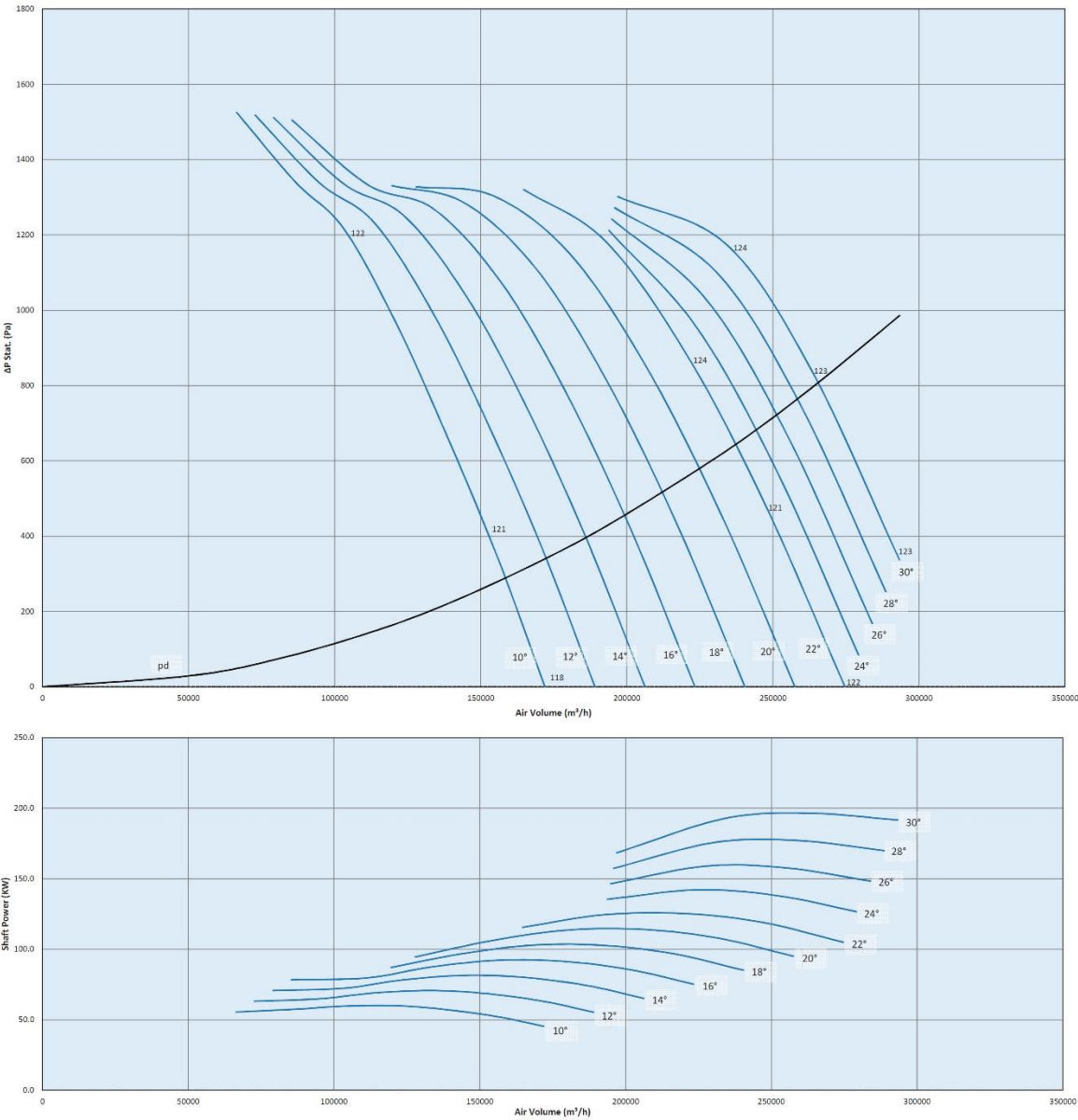
Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-6	-7	-11	-9	-8	-10	-11	-20
	74	-9	-9	-10	-8	-6	-10	-13	-22
	204	-10	-12	-4	-6	-9	-15	-19	-27
	320	-2	-7	-12	-14	-15	-19	-23	-27
22°	0	-2	-8	-10	-14	-14	-17	-18	-22
	187	-5	-11	-8	-7	-10	-14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

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



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

FE6 67



SOUND DATA

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

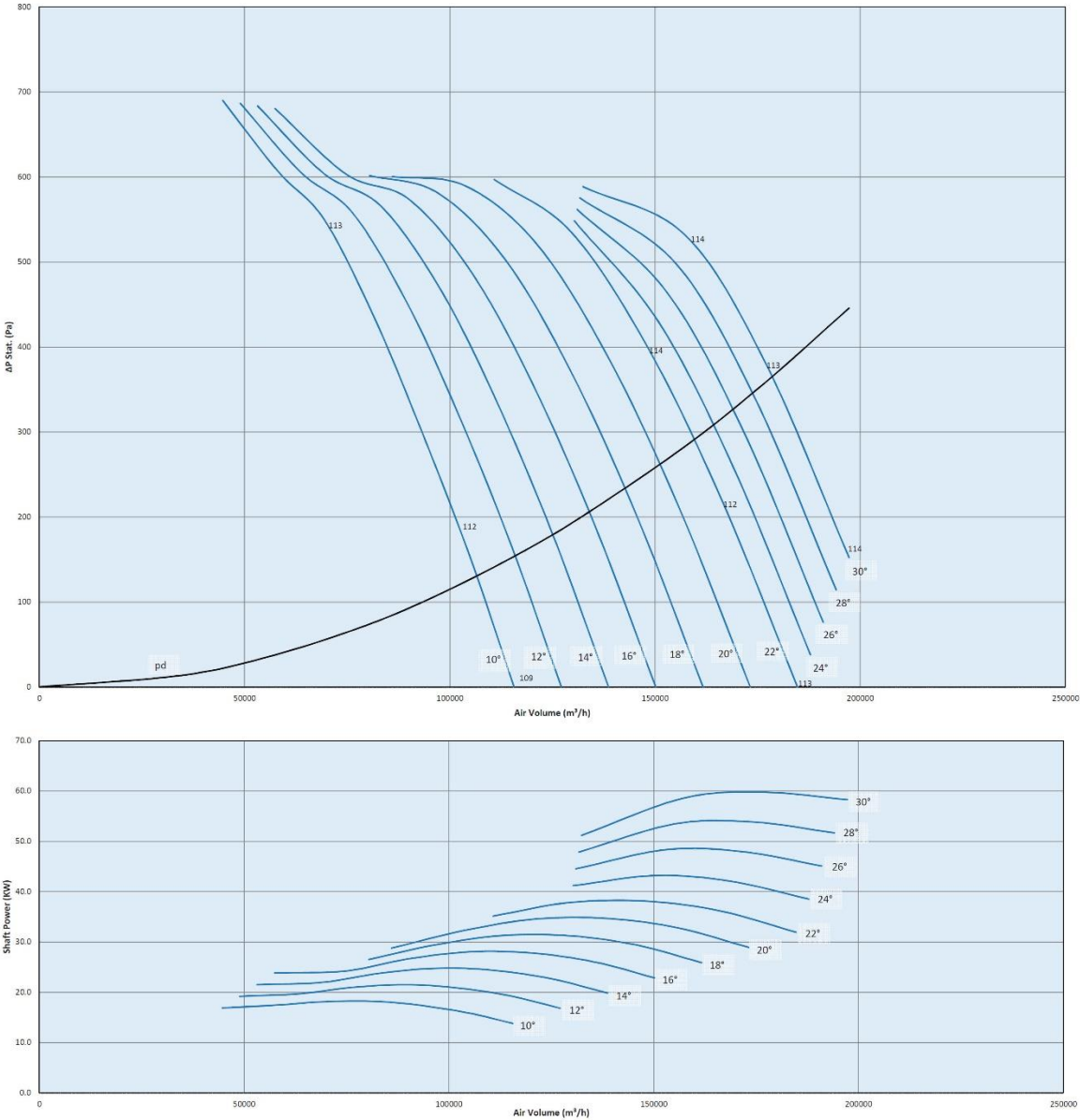
Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-8	-8	-7	-12	-9	-9	-11	-11
	415	-12	-12	-10	-6	-5	-7	-13	-18
	1202	-12	-12	-6	-5	-7	-11	-16	-21
22°	0	-5	-5	-8	-14	-16	-16	-19	-19
	476	-6	-6	-7	-12	-11	-12	-15	-17
	868	-10	-10	-11	-5	-7	-9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

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



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

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SOUND DATA

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

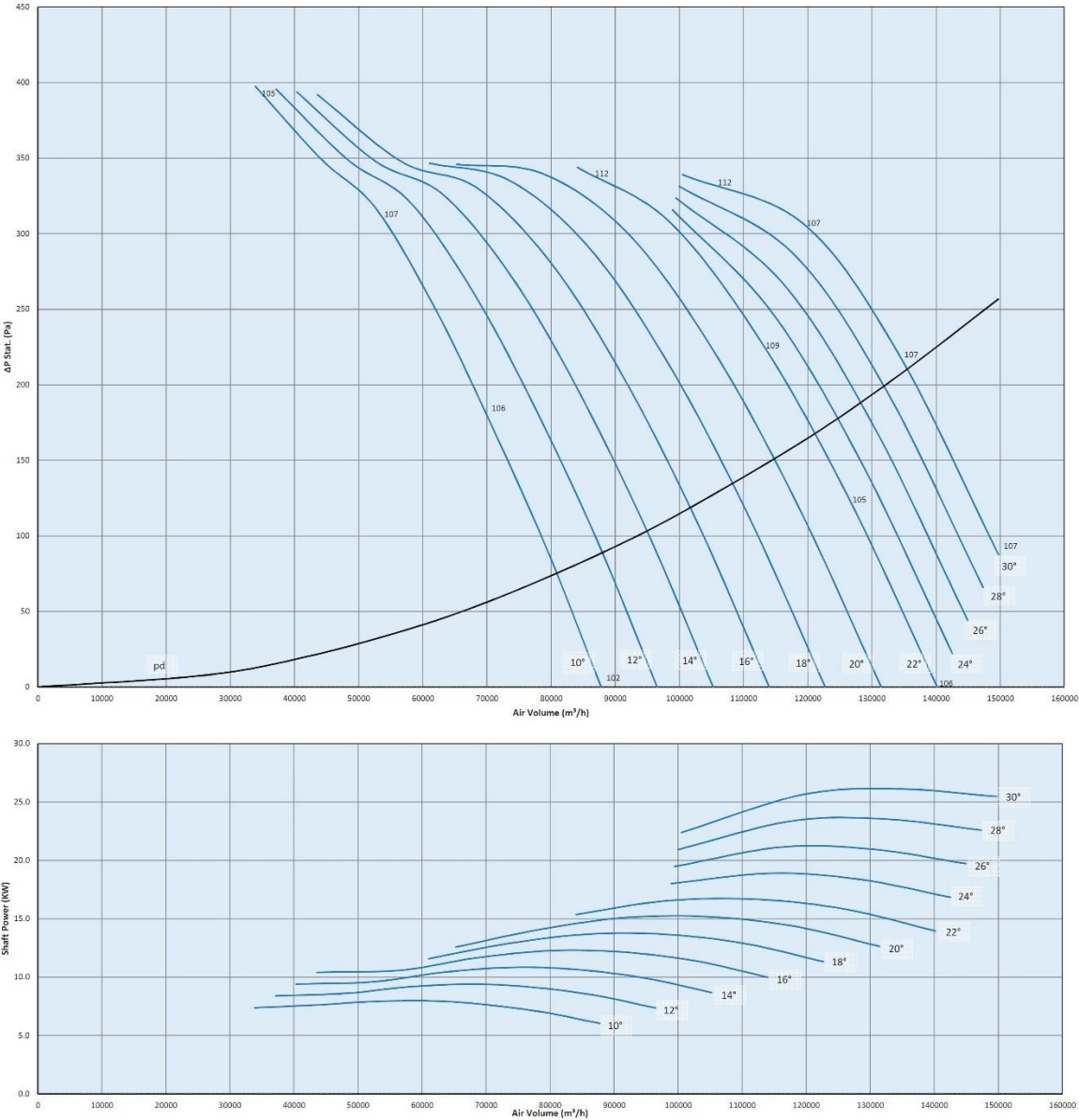
Pitch Angle	ΔP Stat. (Pa)	Octave Band Centre Frequency (Hz)							
		63	125	250	500	1000	2000	4000	8000
10°	0	-8	-7	-7	-10	-9	-10	-11	-17
	187	-12	-11	-8	-5	-6	-10	-15	-23
	543	-12	-8	-5	-6	-9	-14	-19	-25
22°	0	-4	-6	-7	-14	-15	-17	-18	-21
	215	-5	-7	-6	-11	-11	-13	-15	-19
	392	-9	-10	-7	-6	-8	-11	-15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

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



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

FEG 71



SOUND DATA

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

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

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



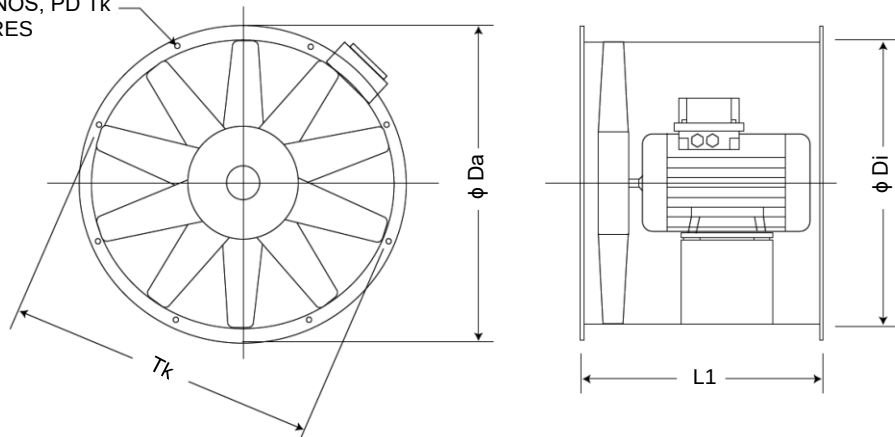
Performance certified for installation type D - Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (Accessories)

The sound power level ratings shown are in decibels, referred to 10⁻¹² watts, calculated per AMCA International Standard 301.

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

FEG 71

φ d mm x z NOS, PD Tk
OFF CENTRES



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	3	375	DIN 24154-3	355	8 X 10
DN 355	IEC 071	IEC 080	355	435	3	375	DIN 24154-3	395	8 X 10
DN 400	IEC 071	IEC 080	400	480	3	450	DIN 24154-3	450	8 X 12
DN 450	IEC 071	IEC 090	450	530	3	450	DIN 24154-3	500	8 X 12
DN 500	IEC 071	IEC 090	500	590	3	540	DIN 24154-3	560	12 X 12
DN 560	IEC 080	IEC 112	560	660	3	500	DIN 24154-3	620	12 X 12
	IEC 132	IEC 160	560	660	3	750	DIN 24154-3	620	12 X 12
DN 630	IEC 090	IEC 112	630	730	3	500	DIN 24154-3	690	12 X 12
	IEC 132	IEC 160	630	730	3	750	DIN 24154-3	690	12 X 12
DN 710	IEC 090	IEC 112	710	810	3	500	DIN 24154-3	770	16 X 12
	IEC 132	IEC 160	710	810	3	700	DIN 24154-3	770	16 X 12
DN 800	IEC 090	IEC 112	800	900	3	500	DIN 24154-3	860	16 X 12
	IEC 132	IEC 160	800	900	3	700	DIN 24154-3	860	16 X 12
DN 900	IEC 100	IEC 132	900	1005	4	640	DIN 24154-3	970	16 X 15
	IEC 160	IEC 180	900	1005	4	850	DIN 24154-5	970	16 X 15
DN 1000	IEC 112	IEC 132	1000	1105	4	640	DIN 24154-3	1070	16 X 15
	IEC 160	IEC 200	1000	1105	4	850	DIN 24154-4	1070	16 X 15
DN 1120	IEC 132	IEC 200	1120	1260	4	850	DIN 24154-3	1190	20 X 15
	IEC 225	IEC 225	1120	1260	4	1000	DIN 24154-6	1190	20 X 15
DN 1250	IEC 132	IEC 200	1250	1390	5	850	DIN 24154-3	1320	20 X 15
	IEC 225	IEC 250	1250	1390	5	1000	DIN 24154-4	1320	20 X 15
		IEC 280	1250	1390	5	1170	DIN 24154-4	1320	20 X 15
DN 1400	IEC 160	IEC 225	1400	1540	5	950	DIN 24154-3	1470	20 X 15
	IEC 250	IEC 315	1400	1540	6	1360	DIN 24154-6	1470	20 X 15
DN 1600	IEC 160	IEC 225	1600	1760	5	950	DIN 24154-3	1680	24 X 19
	IEC 250	IEC 315	1600	1760	6	1360	DIN 24154-4	1680	24 X 19

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 accordance 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/m³)	[m³/h]	
Static pressure drop	[Pa]	
Dynamic pressure drop	[Pa]	
Absorbed impeller		
Power at shaft P²	[kW]	
Total efficiency	[%]	
Sound Power Level LW	[dB(A)]	

Motor

Rated power at shaft P²	[kW]	
Rated current	[A]	
Rated speed	[rpm]	
Voltage / Frequency	[V/Hz]	

Brand:

Systemair

Type: AXC(A) _ _ _ _ _ / _ _ _ _ _

Dimensions: (connection dia./ length)	[mm]	
Weight: (with out 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	
Counterflange	GFL	
Inlet cone	ESD -F	
Protection guard for inlet cone	SG	
Protection guard	SG	
On- / Off- switch	REV	

Notes:

Good climate is the basis for health, performance and well-being.

It is the provision of efficient ventilation and air conditioning systems that drives us forward, as well as the simplification of the work of the planner and installer. Based on the basic values of simplicity and reliability, we develop, produce and distribute high-quality ventilation and air conditioning systems.



