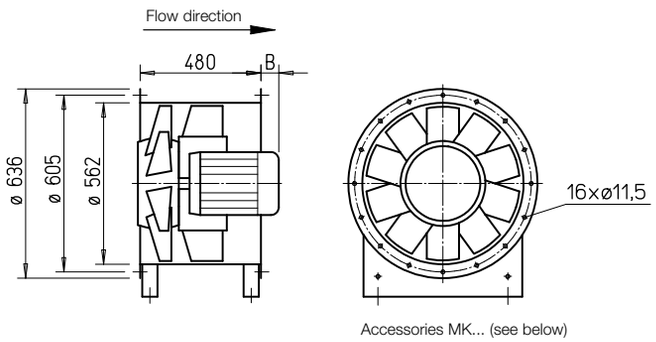
AMD 560



Dimensions AMD 560



Dim. in mm

Dim. B see table

Casing
Tubular casing with welded-in motor support plate and guide wheel made of steel sheet. Flanges pressed on both sides according to DIN 24155, p. 3, for direct intermediate flanges in pipelines. Surface protection from hot-dip galvanising.

Impeller
Hub and blades made of corrosion-resistant aluminium alloy. Dynamically balanced according to DIN ISO 21940-11, quality grade 6.3 for low-vibration operation.
Ten aerodynamically profiled blades achieve high efficiency and pressure rates in combination with the guide wheel. The angle of attack of the blades can be adjusted in the factory according to the ordered, optimal operating point.

Drive
Directly through efficient IE 3 three-phase current standard motor.
Pole-changeable fans with IEC standard motor. Protection category IP55, insulation class F.

Power control
Continuously variable (0-100 %) through the use of a frequency inverter.
The planned use of a frequency inverter without a sine filter should be indicated when placing the order. This requires a change of fan version and additional costs, if necessary.

Electrical connection
Standard terminal box (protection category IP55) made of plastic, mounted on the outside of the fan casing.

Motor protection
All AMD types come with PTC thermistors as standard motor protection. Effective motor protection is possible by means of motor protection circuit breaker (type MSA, Ref. no. 01289, accessories) or FU (accessories).

Dimensions
The motor protrudes over the casing for some types. The protrusion dim. B in mm pursuant to the type table must be taken into account.

Noise levels
The sound power values are specified over the frequency and as total levels for various angles of attack above the performance curves on the product pages.

Reference	Page
Planning information	14 ff.

Special design
Special design w/ inspect. opening (extra charge) upon request.

Other accessories	Page
Installation accessories	278 ff.
Silencers	496 ff.
Switching and control technology	601 ff.

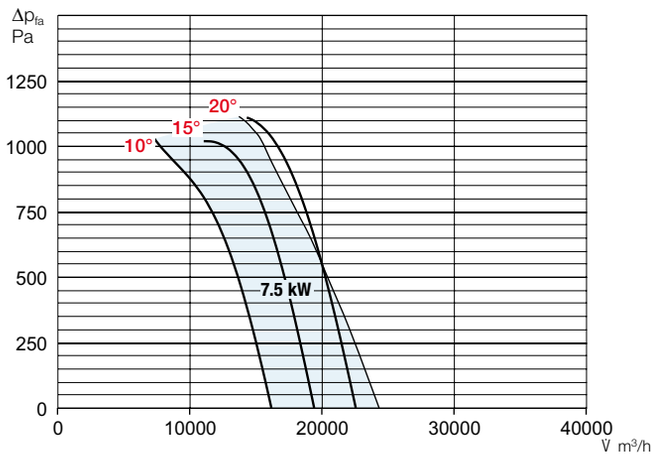
Type	Ref. no.	Speed	Rated motor power (output)	Voltage	Current consump. nominal	Dim. B Motor protrusion	Wiring diagram	Max. air flow temp.	Weight net	Frequency inverter with integrated sine filter		Motor protection circuit breaker or pole changing switch		
		min^{-1}	kW	V	A	mm	No.	+ °C	kg	Type	Ref. no.	Type	Ref. no.	
Three-phase current, 400 V, 50 Hz, protection category IP55														
AMD 560/4 1.1 kW	03281	1440	1.1	400	2.5	0	796	60	61	**FU-BS 5**	05460	**MSA**	01289	
AMD 560/4 1.5 kW	03282	1440	1.5	400	3.3	0	796	60	64	**FU-BS 5**	05460	**MSA**	01289	
AMD 560/4 2.2 kW	03285	1455	2.2	400	4.5	40	796	60	74	**FU-BS 5**	05460	**MSA**	01289	
AMD 560/4 3 kW	03286	1440	3	400*	6.0	40	776	60	80	**FU-BS 8**	05461	**MSA**	01289	
AMD 560/2 7.5 kW	03279	2930	7.5	400*	14.1	100	776	60	123	**FU-BS 16**	05463	**MSA**	01289	
Pole-changeable, 2 speeds, three-phase current, Dahlander winding ⅄/⅄⅄, 400 V, 50 Hz, protection category IP55												Surface-mounted pole changing switch		
AMD 560/8/4 0.55/2 kW [2]	03272	680/1410	0.55/2.0	400	2.0/4.5	0	777	60	79	—	—	**PDA 12** [1]	05081	
AMD 560/8/4 0.65/2.4 kW [2]	03290	680/1410	0.65/2.4	400	2.5/5.5	40	777	60	79	—	—	**PDA 12** [1]	05081	
AMD 560/4/2 2/8 kW	03287	1410/2900	2.0/8.0	400	4.7/14.9	100	777	60	149	—	—	**PDA 25**	05060	

The angle of attack must be specified when ordering. [1] Flush-m. version see Switch product page. [2] Performance curves for low speed available on request. * ⅄/△ Start-up.

Performance curves AMD 560/2

n=2930 1/min

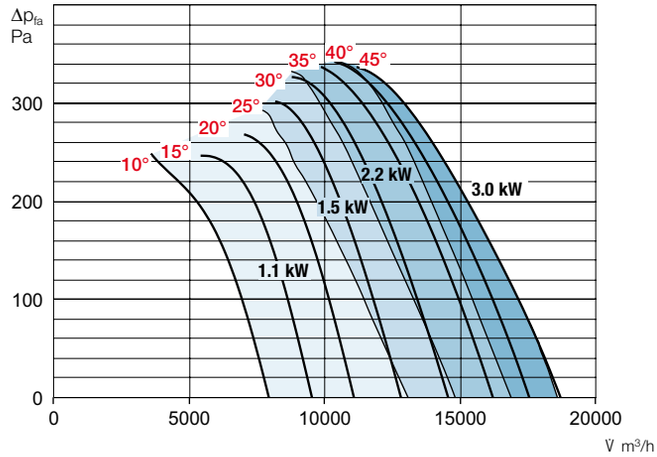
Frequency		Hz	Tot.	125	250	500	1k	2k	4k	8k
L_{WA}	10°	dB(A)	107	84	96	104	106	105	101	91
L_{WA}	20°	dB(A)	108	85	97	105	107	105	102	93
L_{WA}	30°	dB(A)	111	87	100	107	110	109	105	95



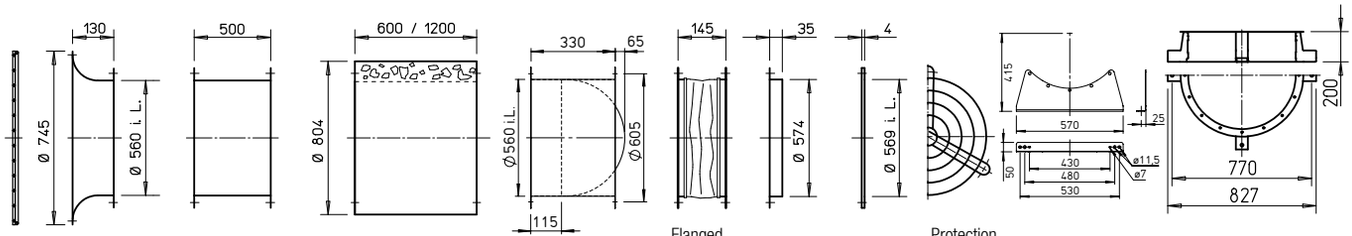
Performance curves AMD 560/4

n=1440 1/min

Frequency		Hz	Tot.	125	250	500	1k	2k	4k	8k
L_{WA}	10°	dB(A)	90	74	84	89	89	87	79	68
L_{WA}	20°	dB(A)	92	76	85	91	91	88	81	69
L_{WA}	30°	dB(A)	93	77	87	91	92	90	82	71



Accessories AMD 560



Intake nozzle with prot. grille **ASD-SGD 560** No. 01421

Extension duct **VR 560** No. 01409

Duct silencer **RSD 560/..**

Duct shutter **RVS 560** [a] No. 02599

Flanged flexible connector **STS 560** No. 01226

Counter flange **FR 560** No. 01209

Flat flange **FF 560** No. 04948

Protection grille duct side **SG 560** No. 01242

Mounting brackets **MK 560** (1 Set = 2 pcs) No. 00675

Mounting ring for vertical attachment **MRV 560** No. 01741

[a] Shutter, motorised, see Accessories product page.

	Vibration dampers			
	Compression		**Tension**	
	Type	Ref. no.	**Type**	Ref. no.
	SDD 1	01452	**SDZ 2**	01455
	SDD 1	01452	**SDZ 2**	01455
	SDD 1	01452	**SDZ 2**	01455
	SDD 2	01453	**SDZ 2**	01455
	SDD 2	01453	**SDZ 2**	01455
	SDD 2	01453	**SDZ 2**	01455
	SDD 2	01453	**SDZ 2**	01455
	SDD 2	01453	**SDZ 2**	01455