



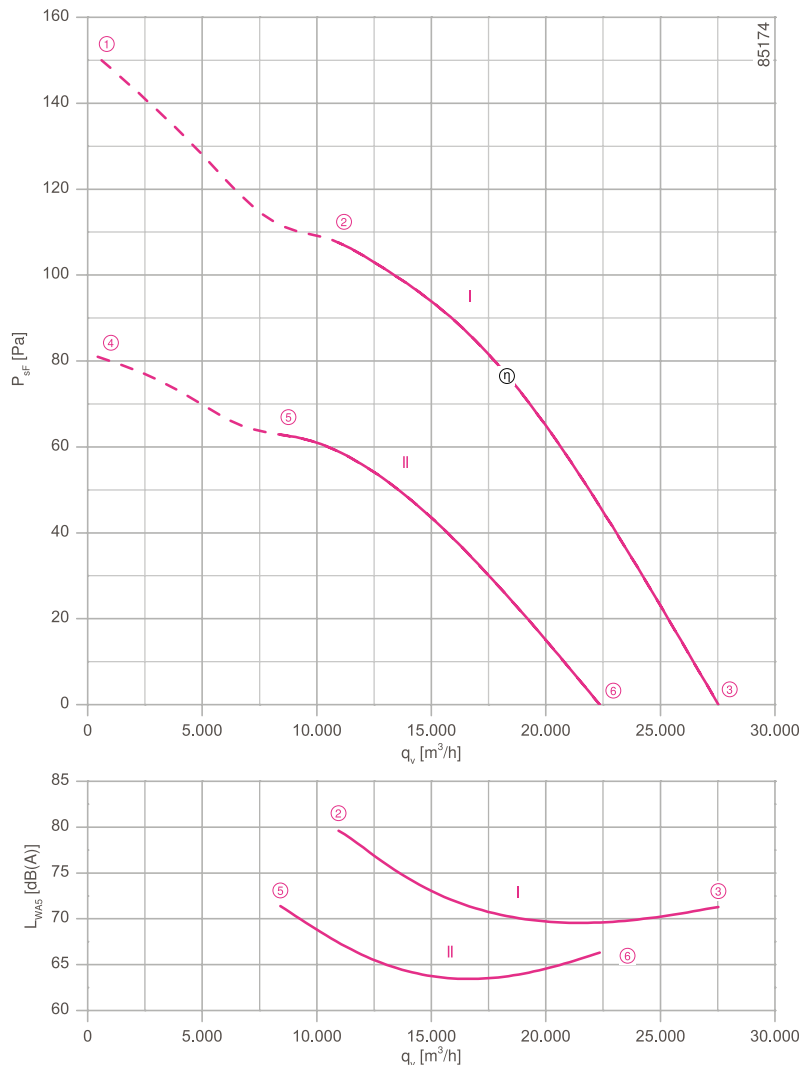
Description

Motor technology: AC
 Rated voltage U_N : 3~ 400 V (Δ/Y) $\pm 10\%$
 Rated frequency f_N : 50 Hz* (60Hz data available)
 Motor input power P_1 : 1.25/0.74 kW*
 Rated current I_N : 2.90/1.40 A*
 Rated speed n_N : 620/ 480 min⁻¹*
 Starting current I_A : 14.00 A / 4.40 A
 Current increase ΔI : 0 %
 Thermal class: **THCL155***
 Min. permitted conveyor temperature $t_{R(min)}$: -40 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 70 °C
 Electrical connection: Terminal box
 Number of blades: 5
 Protection class: IP54
 Motor protection: Thermal contact
 Blades: Aluminium, uncoated
 Rotor: Aluminium, uncoated
 Conformity: ErP 2015, CE
ErP Data
 Efficiency η_{statA} : 34.3 %
 Efficiency: $N_{actual} = 40.2 / N_{target} = 40^{**}$
 * Rated data
 **ErP 2015

➤ Connection diagrams Page 608
 for airflow direction V 1360-108XA
 for airflow direction A 1360-108XB

➤ System components Page 524

Characteristic curve

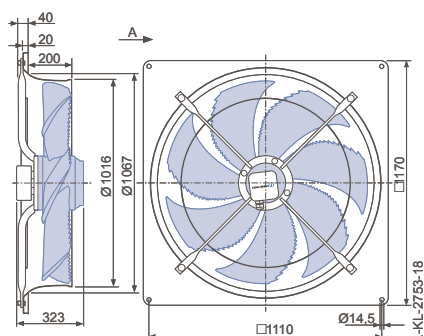


Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

Dimensions [mm]

Airflow direction A

Design Q - square, full bell mouth



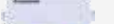
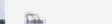
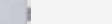
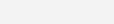
		curve		point		power		sound power level L_{WA5} [dB]
			U [V]		I [A]	P_1 [W]	n [min ⁻¹]	
FN100-AD_7M_5P1	Δ	I	400	①	3.20	1500	590	
			400*	②	2.90*	1250*	620*	80
			400	③	2.70	980	660	71
	Y	II	400	④	1.55	840	430	
			400*	⑤	1.40*	740*	480*	72
			400	⑥	1.20	620	540	66

*rated data

Fan ordering information

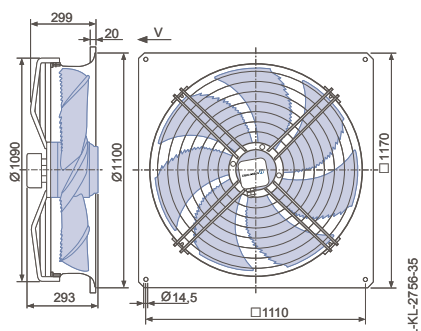
Airflow direction A		Airflow direction V		
Design	Q	Q	S	I
				
Type	FN100-ADQ.7M.A5P1	FN100-ADQ.7M.V5P1	FN100-ADS.7M.V5P1	FN100-ADI.7M.V5P1
Article no.	155866	155869	155870	155868
Weight [kg]	63.00	67.90	48.60	47.80

Control technology

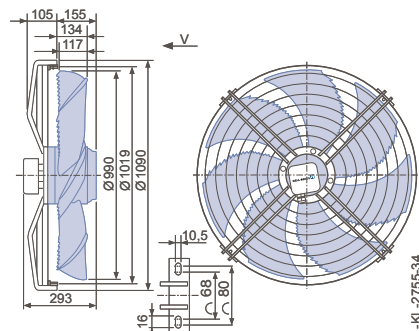
Frequency inverter Fcontrol 3~  ➤ Page 558	Motor protection units 3~  ➤ Page 596	Transformer-based controllers 3~  ➤ Page 591	Electronic voltage controllers 3~  ➤ Page 578
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Airflow direction V

Design Q - square, full bell mouth



Design S - radially bolted, mounting for full bell mouth Q and L



Design I - axial bolted, mounting for bell mouth flange for pipe socket H or full bell mouth Q or L

