



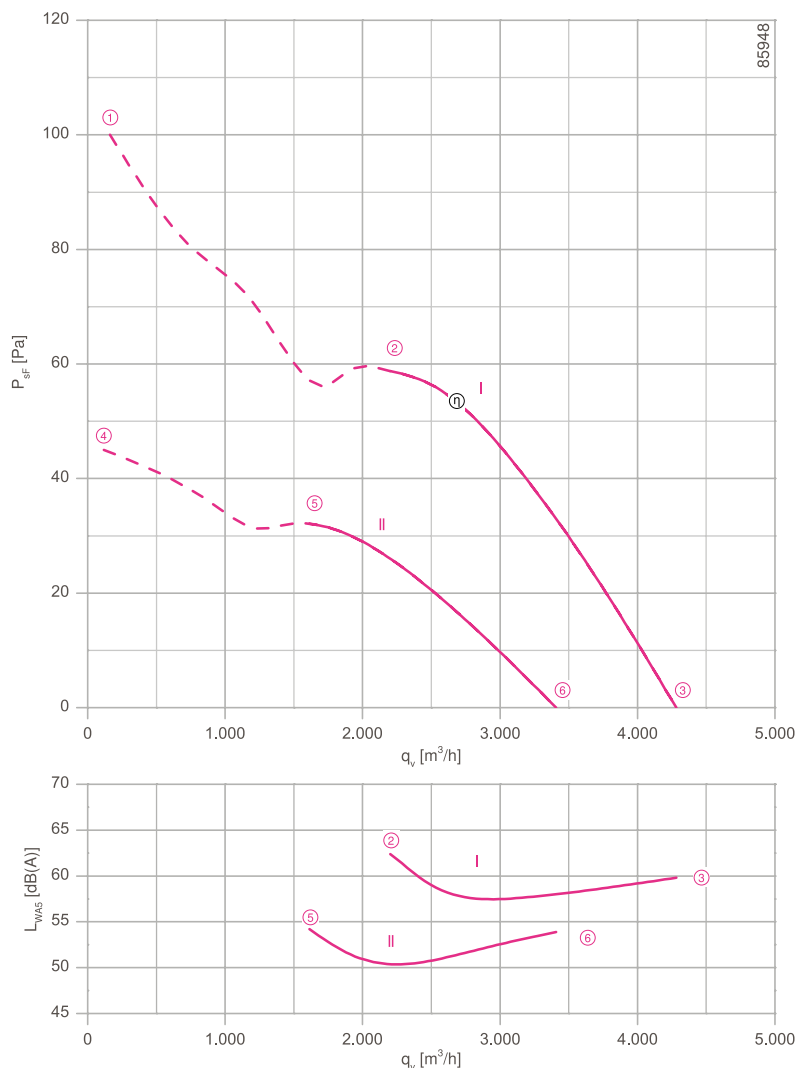
Description

Motor technology: AC
 Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %
 Rated frequency f_N : 50 Hz* (60Hz data available)
 Motor input power P_1 : 0.17/0.10 kW*
 Rated current I_N : 0.39/0.19 A*
 Rated speed n_N : 860/ 640 min⁻¹*
 Starting current I_A : 0.90 A / 0.30 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: 7
 Protection class: IP44
 Motor protection: Thermal contact
 Blades: High Performance Composite Material, uncoated, black
 Rotor: Aluminium, 1 coat paint, black
 Conformity: ErP 2013, CE
ErP Data
 Efficiency η_{statA} : 24.9 %
 Efficiency: $N_{actual} = 36.0$ / $N_{target} = 36$ **
 * Rated data
 **ErP 2013

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

➤ System components Page 524

Characteristic curve

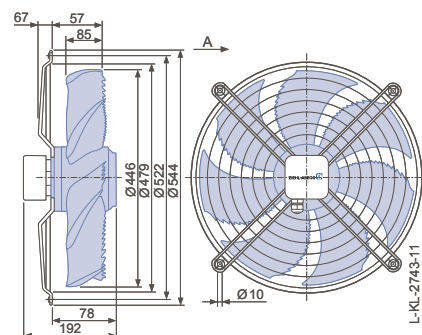


Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

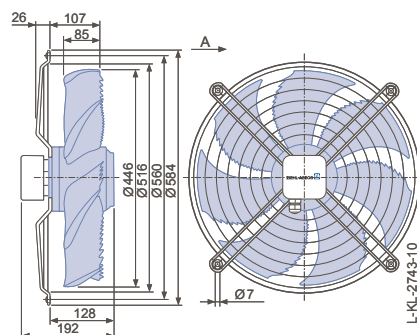
Dimensions [mm]

Airflow direction A

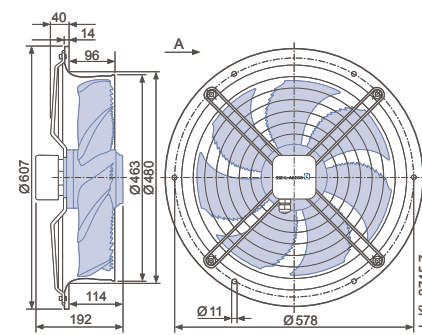
Design W - axial bolted, mounting for short bell mouth E



Design D - axial bolted, suspension for full bell mouth Q and L



Design L - round, full bell mouth



		curve	U [V]	point	I [A]	power P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FN045-SD_2C_7P3	Δ	I	400	①	0.44	210	810	
			400*	②	0.39*	170*	860*	63
			400	③	0.37	140	900	60
	Y	II	400	④	0.20	110	540	
			400*	⑤	0.19*	100*	640*	54
			400	⑥	0.16	85	720	54

*rated data

Fan ordering information

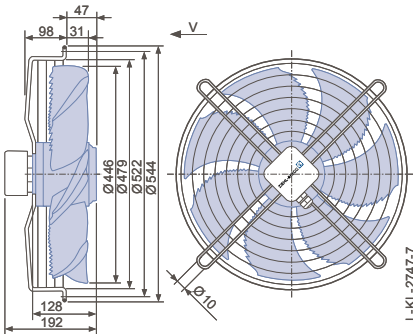
Airflow direction A				Airflow direction V		
Design	W	D	L	K	H	I
						
Type	FN045-SDW.2C.A7P3	FN045-SDD.2C.A7P3	FN045-SDL.2C.A7P3	FN045-SDK.2C.V7P3	FN045-SDH.2C.V7P3	FN045-SDI.2C.V7P3
Article no.	152920	152918	152919	152924	152923	152922
Weight [kg]	5.60	5.40	8.80	5.80	8.80	5.40

Control technology

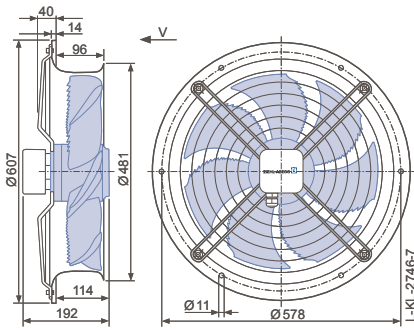
Frequency inverter Fcontrol 3~  Page 558	Motor protection units 3~  Page 596	Transformer-based controllers 3~  Page 591	Electronic voltage controllers 3~  Page 578
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Airflow direction V

Design K - axial bolted, mounted for short bell mouth E



Design H - pipe sockets with a flange



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

