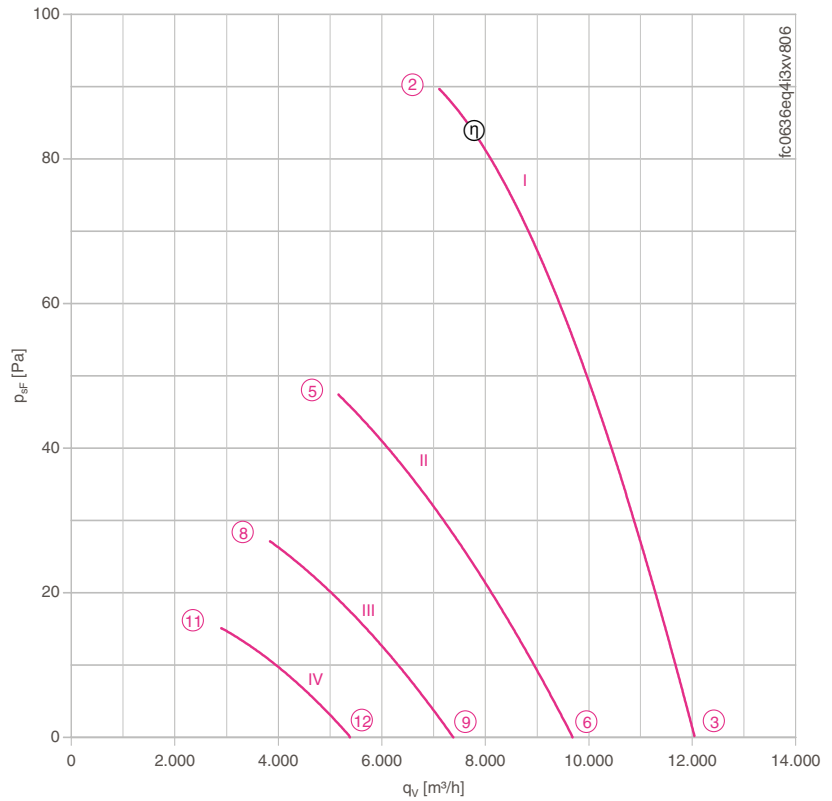




Description

Motor technology: AC
 Rated voltage U_N : 1~ 230 V \pm 10 %*
 Rated frequency f_N : 50 Hz* (60Hz data available)
 Motor input power P_1 : 0.60 kW*
 Rated current I_N : 2.70 A*
 Rated speed n_N : 880 min⁻¹*
 Starting current I_s : 5.50 A
 Current increase ΔI : 0 %
 Service capacitor C_{400V} : 12.0 μ F
 Thermal class: **THCL155***
 Min. permitted conveyor temperature $t_{R(min)}$: -25 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 70 °C
 Electrical connection: Terminal box
 Number of blades: 7
 Protection class: IP54
 Motor protection: Thermal contact
 Blades: Aluminium, 1 coat paint, black
 Rotor: Aluminium, 1 coat paint, black
 Conformity: ErP 2015, CE
ErP Data
 Efficiency η_{statA} : 31.1 %
 Efficiency: $N_{actual} = 40.6 / N_{target} = 40$ **
 Frequency inverter required
 * Rated data
 **ErP 2015

Characteristic curve



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

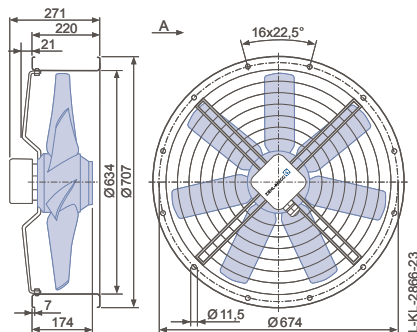
➤ Connection diagram 1360-104XB Page 608

➤ System components Page 524

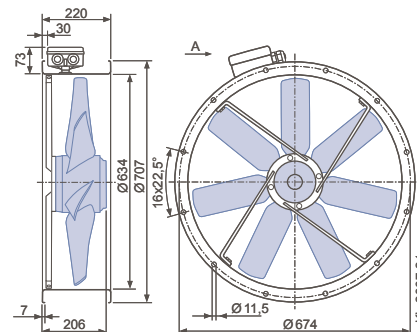
Dimensions [mm]

Airflow direction A

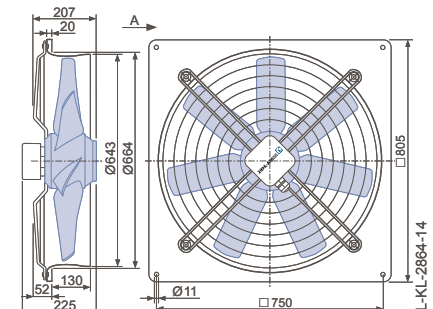
Design F - flange ring with two flanges and guard grille



Design F - flange ring with two flanges without guard grille



Design Q - square, full bell mouth

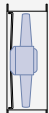
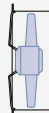
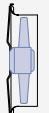


	curve	U		I	power	n	sound power level
		[V]		[A]	P ₁ [W]	[min ⁻¹]	L _{WAS} [dB]
FC063-6E_4I.A7	I	230*	②	2.70*	600*	880*	79
		230	③	2.40	520	910	80
	II	160	⑤	2.80	420	650	72
		160	⑥	1.80	310	850	78
	III	130	⑧	2.60	300	480	64
		130	⑨	2.60	300	550	68
	IV	105	⑪	2.20	200	360	57
		105	⑫	2.10	195	410	60

*rated data

Fan ordering information

Airflow direction A

Design	F (with contact protection)	F (without guard grille)	Q
			
Type	FC063-6EF.4I.A7	FC063-6EF.4I.A7	FC063-6EQ.4I.A7
Article no.	132357	132355	130750
Weight [kg]	20.30	19.40	24.00

Control technology

Frequency inverter Fcontrol 1~	Motor protection units 1~	Transformer-based controllers 1~	Electronic voltage controllers 1~
			
↗ Page 552	↗ Page 596	↗ Page 587	↗ Page 562

Information

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FB

FC

System
components

Control
technology

Appendix