

FFowlet

for three phase alternating current, 6 pole

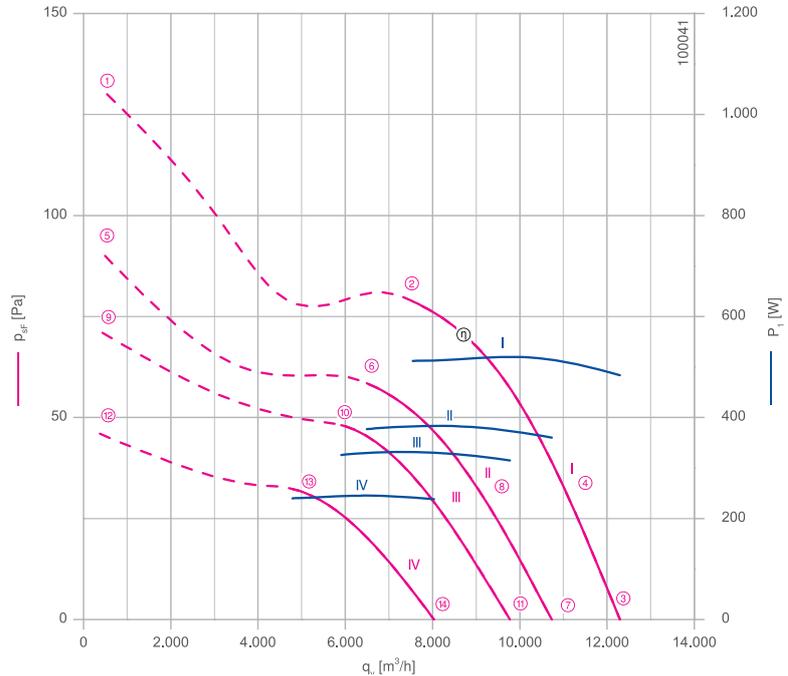
FFO63-6D



Description

Motor technology: AC
 Rated voltage U_N : 3~ 230/400 V (Δ/Y) ± 10 %*
 Rated frequency f_N : 50 Hz* (60Hz data available)
 Input power P_i : 0.54 kW*
 Rated current I_N : 2.20/1.25 A*
 Rated speed n_N : 930 min⁻¹*
 Starting current I_s : 8,50 / 5,00 A
 Current increase ΔI : 0 %
 Thermal class: **THCL155***
 Min. permitted ambient temperature $t_{R(min)}$: -40 °C
 Max. permitted ambient temperature $t_{R(max)}$: 70 °C
 Electrical connection: Terminal box
 Number of blades: 5
 Degree of protection : IP54
 Motor protection: thermal contact
 Blades: Aluminium, 1 coat paint, jet black
 Rotor: Aluminium, 1 coat paint, jet black
 Conformity: ErP 2015, CE
ErP-data
 Efficiency η_{statA} : 34.0 %
 Efficiency: $N_{actual} = 42.2 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

Characteristic curve



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

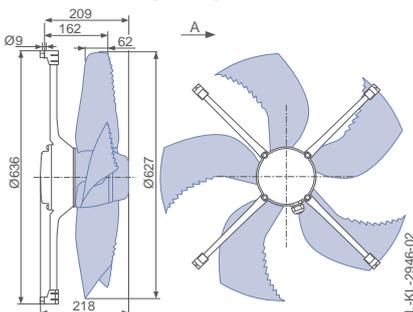
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System components Page 110

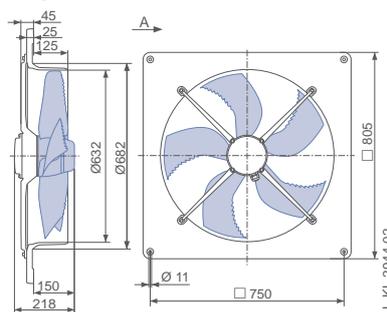
Dimensions mm

Airflow direction A

Design T - for installation in chimney exhausts, without guard grille

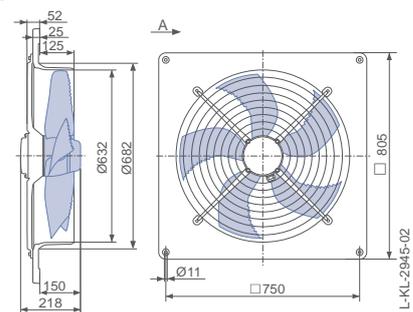


Design Q - square full bell mouth, without guard grille



Wall ring plate made of composite material

Design Q - square full bell mouth, guard grille suction side



Wall ring plate made of composite material

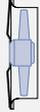
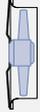


Performance data

Type	Characteristic curve	Voltage	Operating point	Current	Input power	Speed	Acoustic pressure level 7m L_{pA} dB(A)	Specific power P_{spez} Wh/1000m ³
		U V		I A	P_1 W	n min ⁻¹		
FF063-6D_4I_5R2	I	400	①	1.35	600	910		
			②	1.25	520	930		68.2
			③	1.25	480	940	46	39.3
			④	1.25	520	930	46	45.8
	II	230	⑤	1.25	440	760		
			⑥	1.10	380	810		58.4
			⑦	1.10	360	820	43	33.6
			⑧	1.15	380	800	44	41.5
	III	190	⑨	1.25	360	680		
			⑩	1.15	330	730		55.5
			⑪	1.10	320	750	42	32.2
	IV	145	⑫	1.20	260	550		
			⑬	1.10	240	600		50.0
			⑭	1.10	240	620	38	29.6

Fan ordering information

Airflow direction A

Design	T (without guard grille)	Q (without guard grille)	Q (guard grille suction side)
			
Type	FF063-6DT.4I.A5R2	FF063-6DQ.4I.A5R2	FF063-6DQ.4I.A5R2
Article no.	159958	159956	159957
Wall ring plate		Wall ring plate made of composite material	Wall ring plate made of composite material
Weight kg	12.00	17.20	19.00
Supply temperature -10°C - max 40°C in design with wall ring plate made of composite material			

Control technology

Frequency inverters Fcontrol 3~	Motor protection units 3~	Electronic voltage controllers 3~
		
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