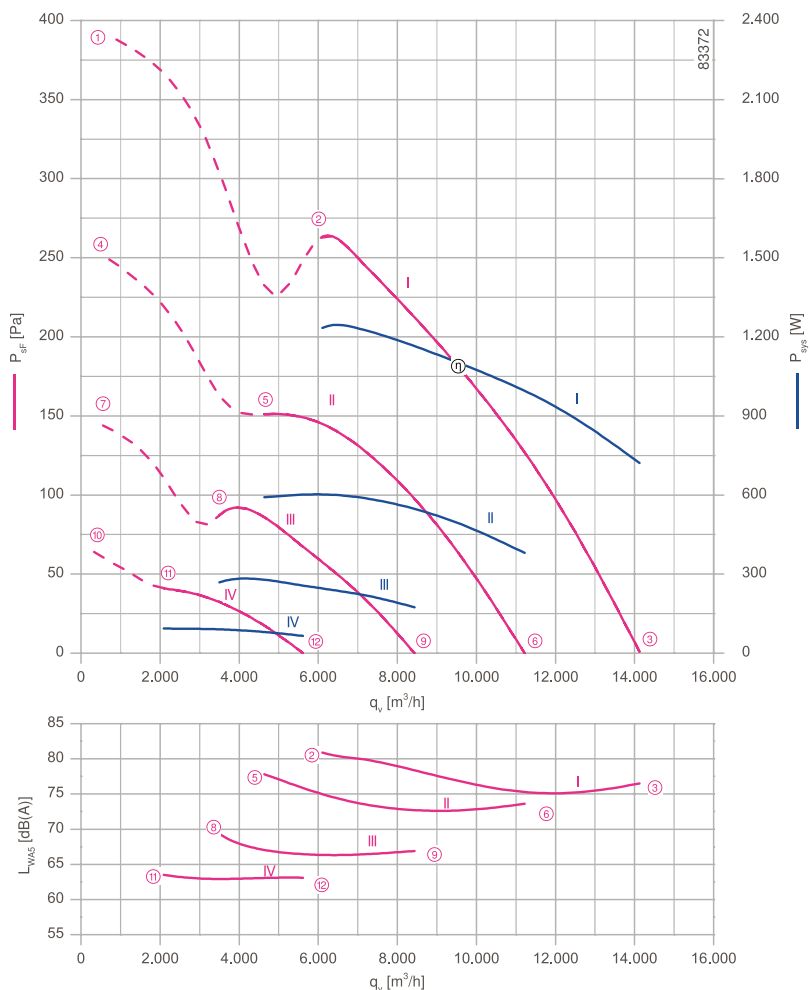




Description

Motor technology: EC
 Rated voltage U: 3~ 380-480 V*
 Rated frequency f: 50/60 Hz*
 Motor input power P_{sys} : 1.25 kW*
 Rated current I: 2.00- 1.60 A*
 Rated speed n_{max} : 1200 min⁻¹*
 Thermal class: THCL155*
 Min. permitted conveyor temperature $t_{R(min)}$: -35 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 60 °C
 Electrical connection: integrated Controller
 Number of blades: 7
 Protection class: IP54
 Motor protection: Integrated active temperature management
 Blades: High Performance Composite Material, uncoated, black
 Rotor: Steel, 2 coat paint, Ultramarine blue
 Conformity: ErP 2015, CE, UL
ErP Data
 Efficiency η_{statA} : 48.5 %
 Efficiency: $N_{actual} = 54.6 / N_{target} = 40^{**}$
 EC controller integrated
 * Rated data
 **ErP 2015

Characteristic curve



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

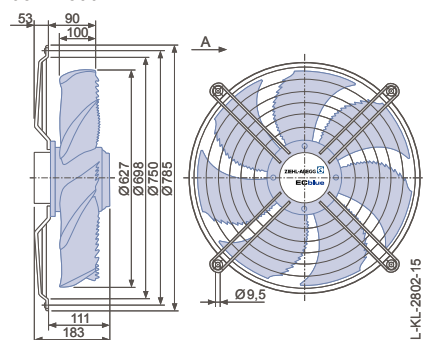
Connection diagram 1360-401 Page 607

System components Page 524

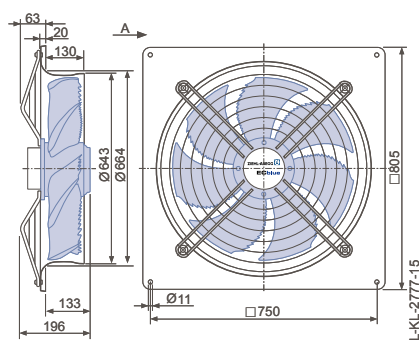
Dimensions [mm]

Airflow direction A

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



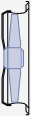
Design Q - square, full bell mouth



		n [min ⁻¹]		I [A]	P _{sys} [W]	power level L _{WAS} [dB]
FN063-ZI_DG_7P2	I	1200	①	2.30	1500	
		1200	②	1.90	1250	81
		1200	③	1.20	720	77
	II	960	④	1.25	760	
		960	⑤	1.05	580	78
		960	⑥	0.74	380	74
	III	720	⑦	0.70	340	
		720	⑧	0.60	270	69
		720	⑨	0.44	170	67
	IV	480	⑩	0.33	110	
		480	⑪	0.29	95	63
		480	⑫	0.25	65	63

Current values determined at 400V

Fan ordering information

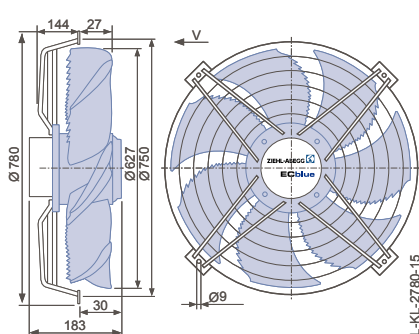
	Airflow direction A		Airflow direction V	
Design	W	Q	K	Q
				
Type	FN063-ZIW.DG.A7P2	FN063-ZIQ.DG.A7P2	FN063-ZIK.DG.V7P2	FN063-ZIQ.DG.V7P2
Basic electronics				
Article no.	152772	152778	152796	152802
Premium electronics				
Article no.	152773	152779	152797	152803
Weight [kg]	15.40	25.60	24.50	25.20

Control technology

Control module	Operating terminal	Expansion module
 Page 540	 Page 551	 Page 550

Airflow direction V

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



Design Q - square, full bell mouth

