

Description

Motor technology: AC
 Rated voltage U_N : 3- 400 V (Δ/Y) ± 10 %*
 Rated frequency f_N : 50 Hz*
 Motor input power P_1 : 1.00/0.60 kW*
 Rated current I_N : 1.80/0.95 A*
 Rated speed n_N : 1220/ 900 min^{-1} *
 Starting current I_s : 7.00 A / 2.30 A
 Current increase ΔI : 0 %
 Thermal class: **THCL155***
 Min. permitted conveyor temperature $t_{R(\text{min})}$: -40 °C
 Max. permitted conveyor temperature $t_{R(\text{max})}$: 60 °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

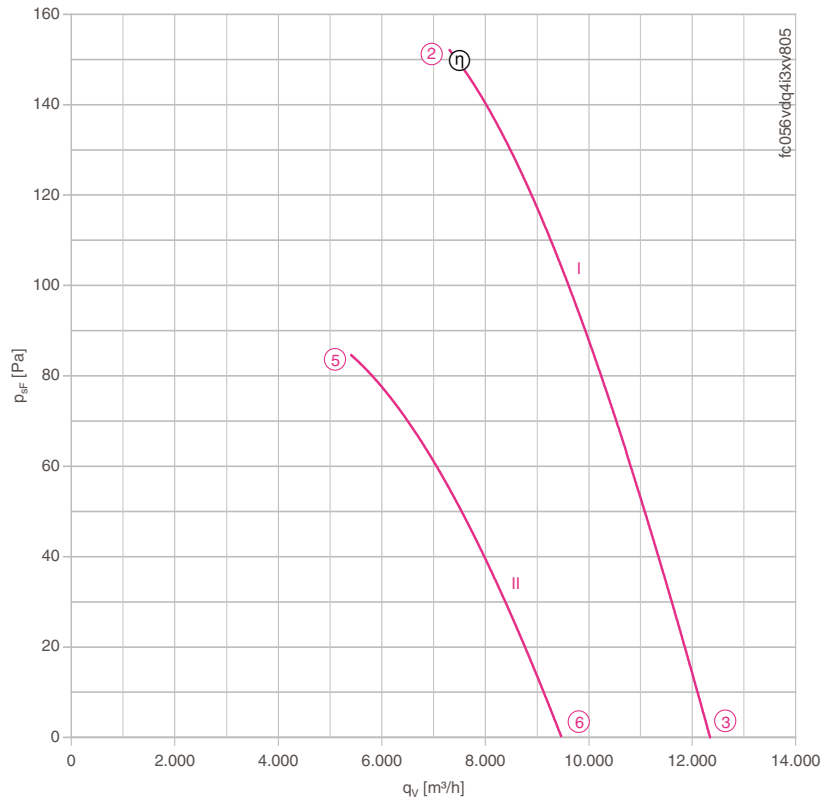
ErP Data

Efficiency η_{statA} : 32.5 %
 Efficiency: $N_{\text{actual}} = 40.3 / N_{\text{target}} = 40$ **
 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.

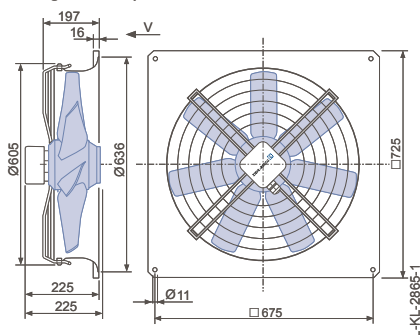
➤ Connection diagram 1360-108XA Page 608

➤ System components Page 524

Dimensions [mm]

Airflow direction V

Design Q - square, full bell mouth



		curve	U [V]	point	I [A]	power P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FC056-VD_4I.V7	Δ	I	400*	②	1.80*	1000*	1220*	82
			400	③	1.60	870	1260	81
	Y	II	400*	⑤	0.95*	600*	900*	75
			400	⑥	0.88	550	970	76

*rated data

Fan ordering information

← Airflow direction V

Design

Q



Type FC056-VDQ.4I.V7

Article no. 123992

Weight [kg] 20.70

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

Information

FE2owlet
ECblue

FE2owlet

FB

FC

System
components

Control
technology

Appendix