

D-series

for three phase alternating current, 6-6 pole

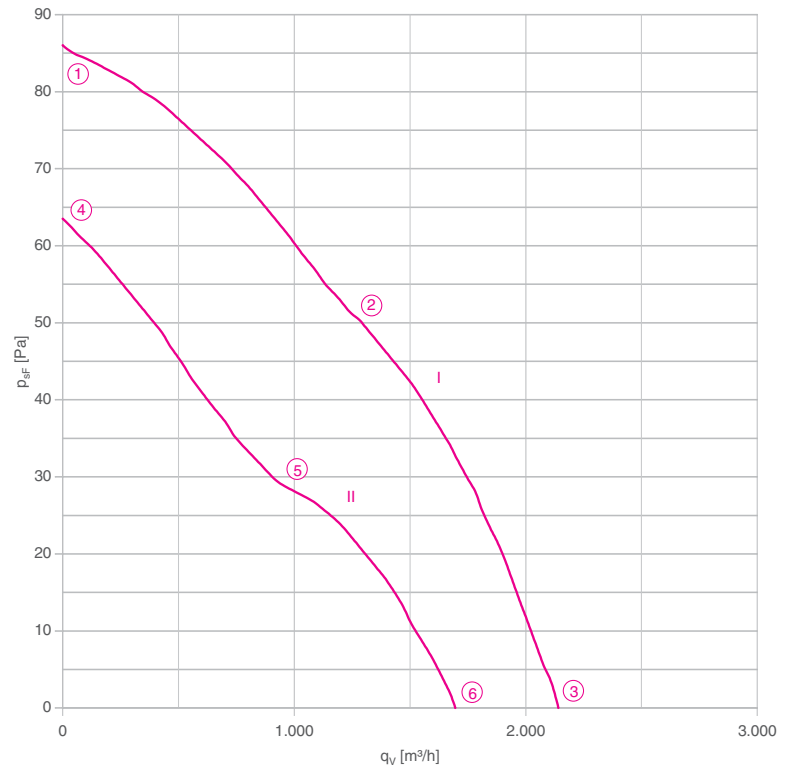
RM35D-SD



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 : 0.09/0.06 kW*
Rated current I_N : 0.22/0.11 A*
Rated speed n_N : 880/ 680 min⁻¹*
Starting current I_A : 0.50 A / 0.15 A
Dynamic pressure: $p_{d2} = 4,2 \cdot 10^{-6} \cdot q_v^2$ [Pa]
Thermal class: THCL155*
Min. permitted ambient temperature $t_{R(min)}$: - 5 °C
Protection class: IP54
Motor protection: Thermal contact
Impeller : High Performance Composite Material, uncoated, black
Motor: 1 coat paint, pebble grey
Conformity: CE
ErP-data
Not subject to ErP regulations ($P_1 < 125$ W)
* Rated data

Characteristic curve

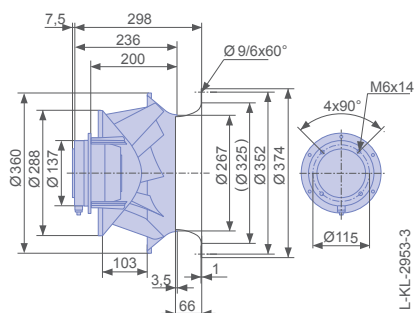


Measured with inlet ring, without guard grille according to ISO 5801

- Inlet ring 00275570 Page 264
- Connection diagram 1360-108XA SW Page 367
- System components Page 262

Dimensions [mm]

Free running motorised impeller RM
in installation position H, Vu, Vo

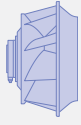


Performance data

Type	Connection	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
			U [V]		I [A]	P ₁ [W]	n [min ⁻¹]	L _{WA5} [dB]
RM35D-SDK.4A.1R	Δ	I	400	①	0.18	61	930	
			400*	②	0.22*	90*	880*	61
			400	③	0.20	77	900	65
	Y	II	400	④	0.08	42	800	
			400*	⑤	0.12*	57*	680*	55
			400	⑥	0.11	53	720	59

*rated data

Fan ordering information

Design	RM
Installation position	H/Vu/Vo
Electrical connection	Supply cable lateral 65cm
	
Type	RM35D-SDK.4A.1R
Article no.	106014
Weight [kg]	5.10
* Inlet ring not included	

Control technology

Frequency inverter Fcontrol 3~  ➤ Page 302	Motor protection units 3~  ➤ Page 344	Transformer-based controllers 3~  ➤ Page 334	Electronic voltage controllers 3~  ➤ Page 324
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