

D-series

for single phase alternating current, 6 pole

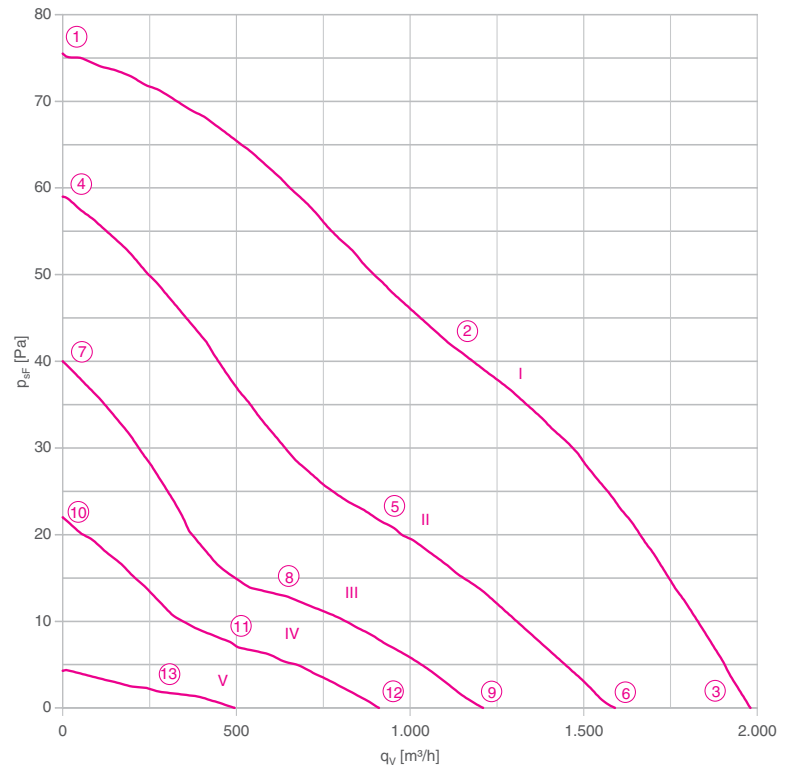
RM35D-6E



Description

Motor technology: AC
Rated voltage U_N : 1~ 230 V $\pm$ 10 %*
Rated frequency f_N : 50 Hz*
Motor input power P_1 : 0.09 kW*
Rated current I_N : 0.40 A*
Rated speed n_N : 800 min⁻¹*
Service capacitor C_{400V} : 2.0 μ F
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

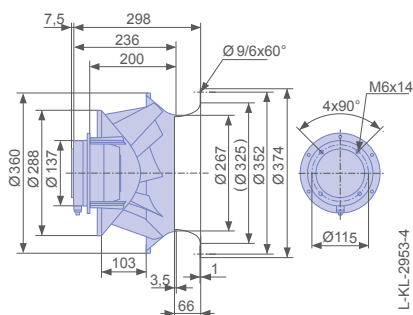


Measured with inlet ring, without guard grille according to ISO 5801

- Inlet ring 00275570 Page 264
- Connection diagram 1360-104XA SW Page 367
- System components Page 262

Dimensions [mm]

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

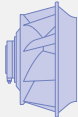


Performance data

Type	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level
		U [V]		I [A]	P _i [W]	n [min ⁻¹]	L _{WAS} [dB]
RM35D-6EK.4A.1R	I	230	①	0.36	83	890	
		230*	②	0.40*	92*	800*	58
		230	③	0.38	89	850	63
	II	160	④	0.30	50	770	
		160	⑤	0.33	54	600	51
		160	⑥	0.32	53	670	57
	III	130	⑦	0.26	35	640	
		130	⑧	0.27	36	460	48
		130	⑨	0.27	35	510	51
	IV	105	⑩	0.21	23	480	
		105	⑪	0.21	23	350	
		105	⑫	0.21	23	400	
	V	60	⑬	0.13	8	180	

*rated data

Fan ordering information

Design	RM
Installation position	H/Vu/Vo
Electrical connection	Supply cable lateral 65cm
	
Type	RM35D-6EK.4A.1R
Article no.	106013
Weight [kg]	5.10
* Inlet ring not included	

Control technology

Frequency inverter Fcontrol 1~	Motor protection units 1~	Transformer-based controllers 1~	Electronic voltage controllers 1~
			
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