

D-series

for single phase alternating current, 6 pole

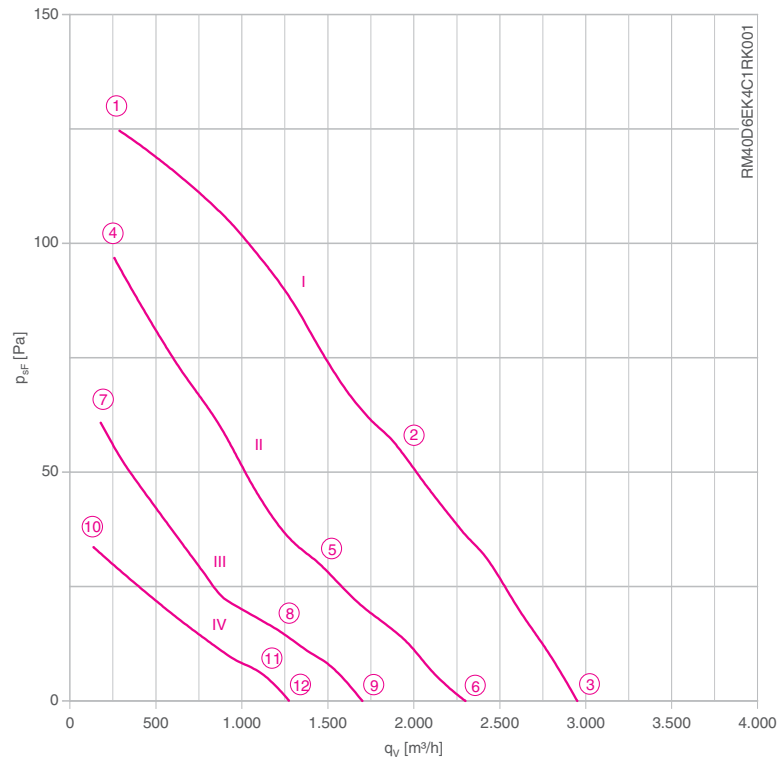
RM40D-6E



Description

Motor technology: AC
Rated voltage U_N : 1~ 230 V $\pm$ 10 %*
Rated frequency f_N : 50 Hz*
Motor input power P_1 : 0.19 kW*
Rated current I_N : 0.81 A*
Rated speed n_N : 800 min⁻¹*
Service capacitor C_{400V} : 4.0 μ F
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
* Rated data

Characteristic curve

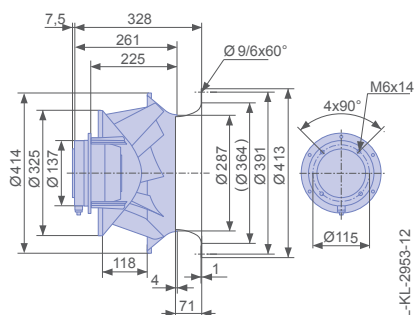


Measured with inlet ring, without guard grille according to ISO 5801

- Inlet ring 00275571 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

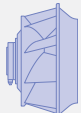


Performance data

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]
RM40D-6EK.4C.1R	I	230	①	0.62	135	890	
		230*	②	0.71*	155*	770*	59
		230	③	0.68	150	820	63
	II	170	④	0.53	87	790	
		170	⑤	0.56	90	580	52
		170	⑥	0.56	89	650	58
	III	135	⑦	0.45	57	630	
		135	⑧	0.45	57	440	46
		135	⑨	0.46	58	480	51
	IV	110	⑩	0.36	37	470	
		110	⑪	0.37	38	340	40
		110	⑫	0.37	38	370	44

*rated data

Fan ordering information

Design	RM
Installation position	H/Vu/Vo
Electrical connection	Supply cable lateral 65cm
	
Type	RM40D-6EK.4C.1R
Article no.	112456
Weight [kg]	6.50
* Inlet ring not included	

Control technology

Frequency inverter Fcontrol 1~  ➤ Page 296	Motor protection units 1~  ➤ Page 344	Transformer-based controllers 1~  ➤ Page 334	Electronic voltage controllers 1~  ➤ Page 310
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