

D-series

for three phase alternating current, 4-4 pole

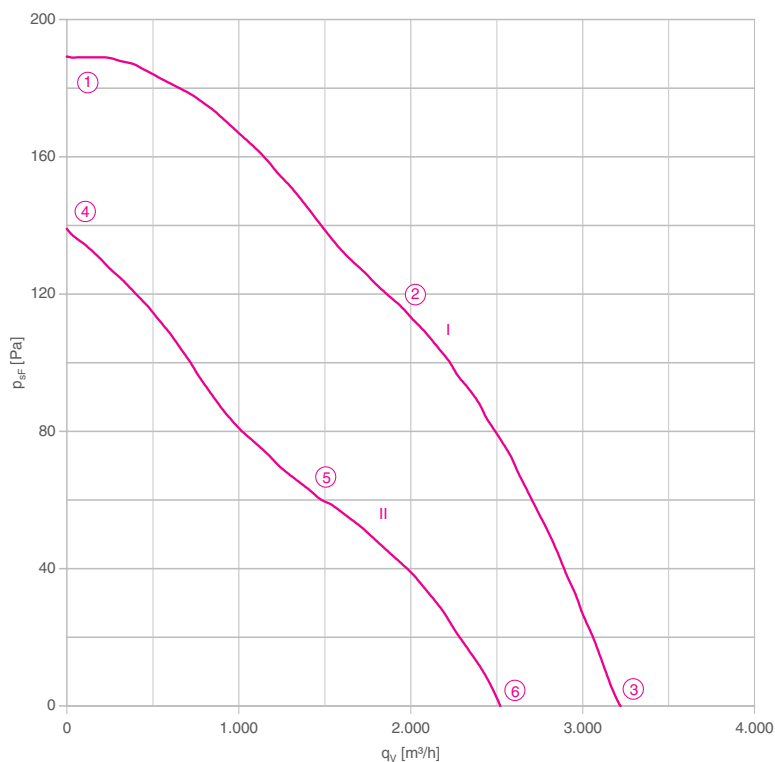
RM35D-VD



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 : 0.25/0.18 kW*
Rated current I_N : 0.48/0.30 A*
Rated speed n_N : 1300/1000 min⁻¹*
Starting current I_A : 1.60 A / 1.40 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
* Rated data

Characteristic curve

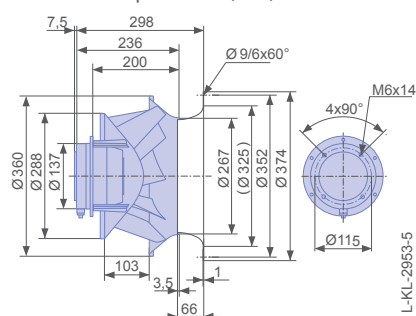


Measured with inlet ring, without guard grille according to ISO 5801

- 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-VDK.4A.1R	Δ	I	400	①	0.37	165	1400	
			400*	②	0.48*	250*	1330*	71
			400	③	0.44	220	1350	75
	Y	II	400	④	0.22	125	1180	
			400*	⑤	0.30*	175*	1000*	64
			400	⑥	0.27	155	1080	70

*rated data

Fan ordering information

Design

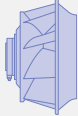
RM

Installation position

H/Vu/Vo

Electrical connection

Supply cable lateral
65cm



Type

RM35D-VDK.4A.1R

Article no.

106011

Weight [kg]

5.10

* Inlet ring not included

Control technology

Frequency inverter
Fcontrol 3~



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Motor protection units
3~



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Transformer-based
controllers 3~



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Electronic voltage
controllers 3~



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