

D-series

for three phase alternating current, 6-6 pole

RM56D-SD



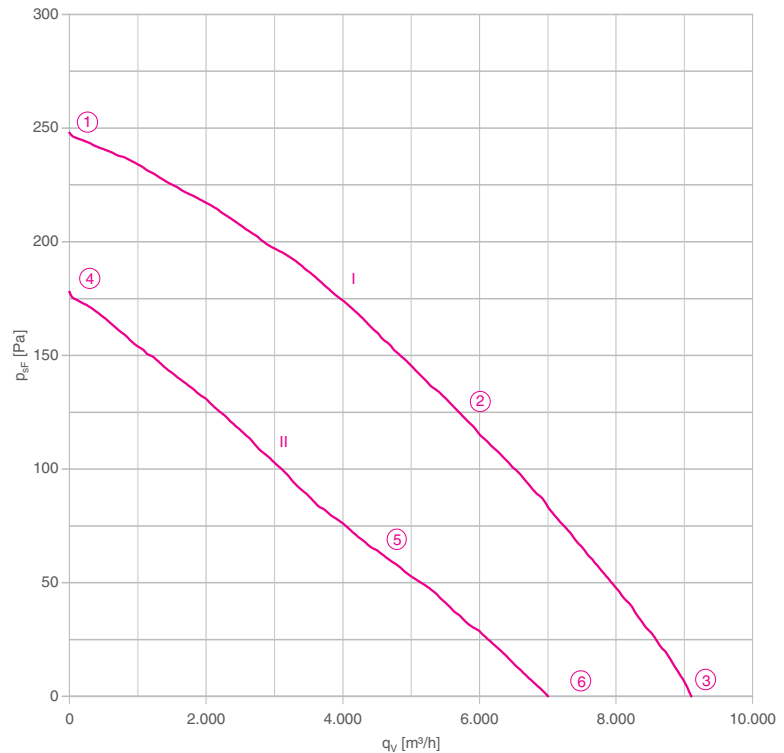
Description

Motor technology: AC
Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %*
Rated frequency f_N : 50 Hz*
Motor input power P_1 : 0.67/0.39 kW*
Rated current I_N : 1.40/0.70 A*
Rated speed n_N : 850/ 630 min⁻¹*
Thermal class: **THCL155***
Min. permitted ambient temperature $t_{R(min)}$: -40 °C
Protection class: IP54
Motor protection: Thermal contact
Impeller : Aluminium,
Motor: 1 coat paint, pebble grey
Conformity: ErP 2013, CE

ErP-data

Efficiency η_{statA} : 34.4 %
Efficiency: $N_{actual} = 47.8 / N_{target} = 47$ **
* Rated data
**ErP 2013

Characteristic curve

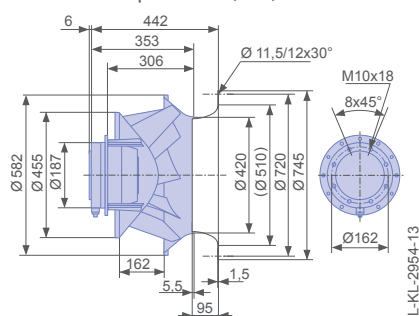


Measured with inlet ring, without guard grille according to ISO 5801

- Inlet ring 00279305 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]			
RM56D-SDK.6C.1R	Δ	I	400	①	1.20	460	910	
			400*	②	1.45*	670*	850*	73
			400	③	1.35	600	870	77
	Y	II	400	④	0.54	300	760	
			400*	⑤	0.69*	390*	650*	65
			400	⑥	0.64	370	690	70

*rated data

Fan ordering information

Design

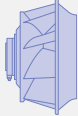
RM

Installation position

H/Vu/Vo

Electrical connection

Supply cable lateral
85cm



Type

RM56D-SDK.6C.1R

Article no.

106037

Weight [kg]

15.00

* 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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