

D-series

for three phase alternating current, 6 pole

RM56D-6D



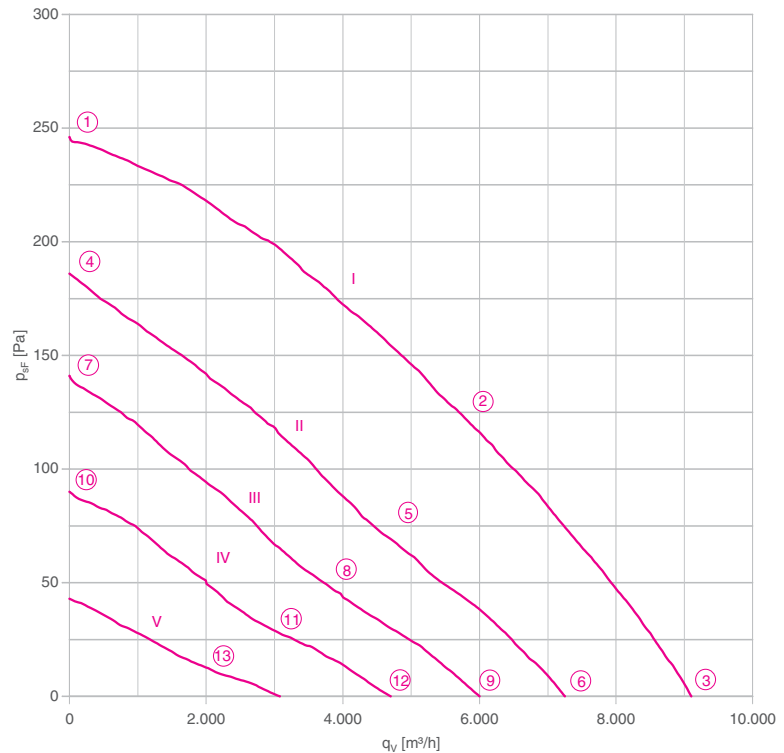
Description

Motor technology: AC
Rated voltage U_N : 3~ 230/400 V (Δ/Y) $\pm 10\%$ *
Rated frequency f_N : 50 Hz*
Motor input power P_1 : 0.67 kW*
Rated current I_N : 2.50/1.40 A*
Rated speed n_N : 850 min⁻¹*
Thermal class: THCL155*
Min. permitted ambient temperature $t_{R(min)}$: -40 °C
Protection class: IP54
Motor protection: Thermal contact
Impeller : Aluminium, uncoated
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

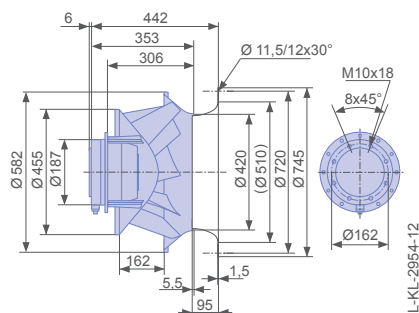


Measured with inlet ring, without guard grille according to ISO 5801

- Inlet ring 00279305 Page 264
- Connection diagram 1360-106XA 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 ₁ [W]	n [min ⁻¹]	L _{WA5} [dB]
RM56D-6DK.6C.1R	I	400	①	1.25	460	910	
		400*	②	1.45*	670*	850*	73
		400	③	1.40	600	870	77
	II	230	④	0.97	310	780	
		230	⑤	1.25	420	670	66
		230	⑥	1.15	390	710	71
	III	180	⑦	0.93	250	670	
		180	⑧	1.10	290	540	60
		180	⑨	1.05	280	580	66
	IV	140	⑩	0.85	175	540	
		140	⑪	0.97	195	450	53
		140	⑫	0.93	190	460	59
	V	90	⑬	0.69	86	280	

*rated data

Fan ordering information

Design	RM
Installation position	H/Vu/Vo
Electrical connection	Supply cable lateral 85cm
	
Type	RM56D-6DK.6C.1R
Article no.	106036
Weight [kg]	15.00
* Inlet ring not included	

Control technology

Frequency inverter Fcontrol 3~	Motor protection units 3~	Transformer-based controllers 3~	Electronic voltage controllers 3~
			
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