

M-series

for three phase alternating current, 2 pole

RH22M-2D



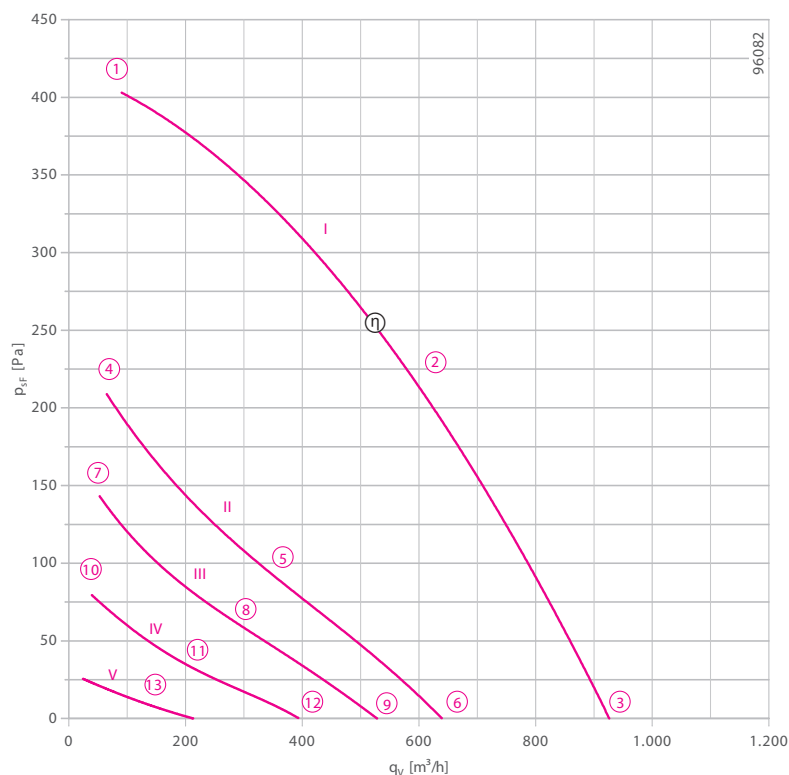
Description

Motor technology: AC
Rated voltage U_N : 3~ 400 V (Y) $\pm 10\%$
Rated frequency f_N : 50 Hz* (60Hz data available)
Motor input power P_1 : 0.12 kW*
Rated current I_N : 0.185 A*
Rated speed n_N : 2290 min⁻¹*
Dynamic pressure: $p_{d2} = 2 \cdot 10^{-5} \cdot q_v^2$ [Pa]
Thermal class: **THCL155***
Min. permitted ambient temperature $t_{R(min)}$: -40 °C
Max. permitted ambient temperature $t_{R(max)}$: 60 °C
Protection class: IP44
Motor protection: Thermal contact
Impeller : Aluminium, uncoated
Motor: 1 coat paint, pebble grey
Conformity: CE

ErP-data

Not subject to ErP regulations ($P_1 < 125$ W)
* Rated data

Characteristic curve

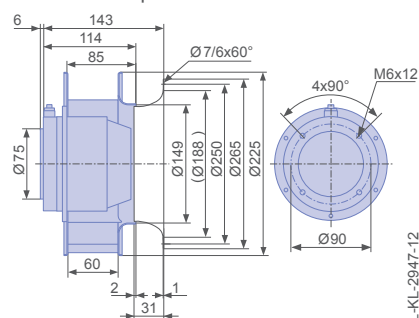


measured with inlet ring, without guard grille according to ISO 5801

➤ Inlet ring	00278352	Page 451
➤ Connection diagram	1360-159XA SW	Page 550
➤ System components		Page 448

Dimensions [mm]

Free-running motor impeller RH
in installation position H/Vu/Vo

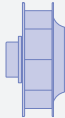


Performance data

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]
RH22M-2DK.1B.2R	I	400	①	0.13	85	2550	71
		400*	②	0.18*	120*	2300*	65
		400	③	0.14	90	2520	75
	II	230	④	0.14	55	1840	62
		230	⑤	0.17	60	1460	54
		230	⑥	0.15	55	1740	67
	III	190	⑦	0.13	40	1550	57
		190	⑧	0.15	46	1190	51
		190	⑨	0.14	42	1440	63
	IV	145	⑩	0.11	26	1160	50
		145	⑪	0.12	28	880	43
		145	⑫	0.12	28	1080	58
	V	95	⑬	0.08	13	530	35

*rated data

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
Electrical connection	Supply cable lateral 105cm
	
Type	RH22M-2DK.1B.2R
Article no.	161510
Weight [kg]	3.20
* Inlet ring not included	

Control technology

Frequency inverter Fcontrol 3~  ➤ Page 484	Motor protection units 3~  ➤ Page 526	Transformer-based controllers 3~  ➤ Page 521	Electronic voltage controllers 3~  ➤ Page 506
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