

ZAvblue-ECblue

for single phase alternating current, 200-240 V

RH22V-4IP



Description

Motor technology: EC
Rated voltage U_N : 1~200-240 V*
Rated frequency f_N : 50/60 Hz*
Input power P_{sys} : 170 W*
Rated current I_N : 1.70-1.40 A*
Rated speed n_N : 3280 min⁻¹*
Thermal class: THCL155*
Min. permitted ambient temperature t_R : -30 °C
Max. permitted ambient temperature t_R at n_{max} : 60 °C
Electrical connection: Integrated controller with variable cable
Balancing quality: G 6.3
Degree of protection : IP54
Motor protection: Integrated active temperature management
Impeller made of High Performance Composite Material, uncoated, like RAL 5002 (ultramarine blue)
Conformity: ErP 2015, CE, UL

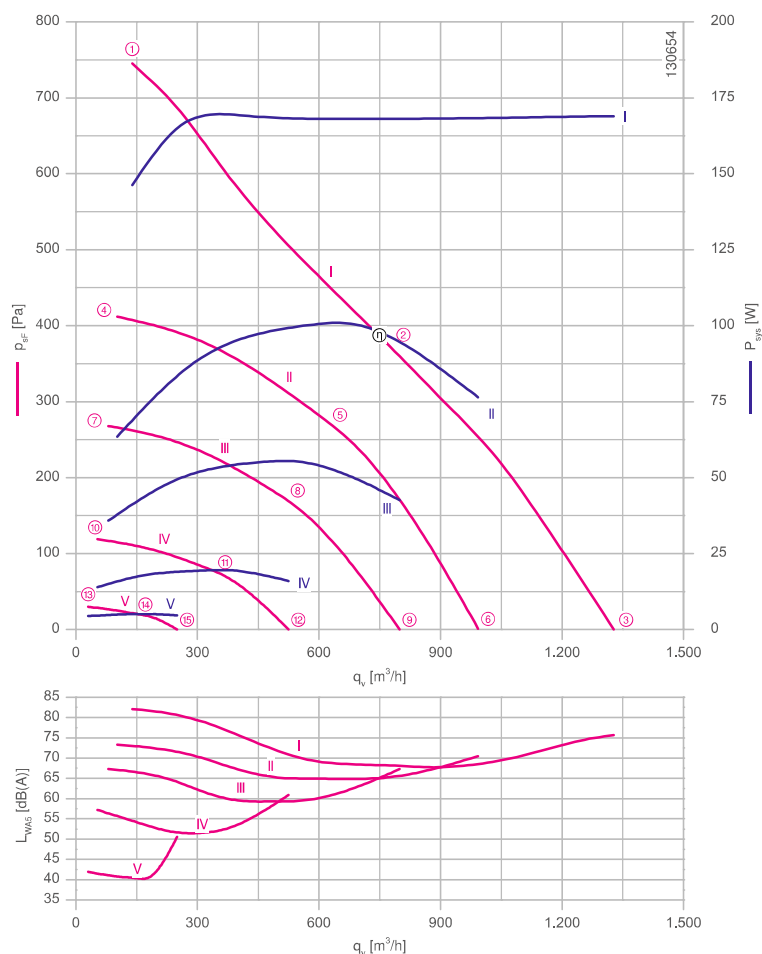
ErP-data

Efficiency η_{statA} : 56.0 %
Efficiency: $N_{actual} = 74.7 / N_{target} = 62^{**}$
EC controller integrated

*Rated data

**ErP 2015

Characteristic curve

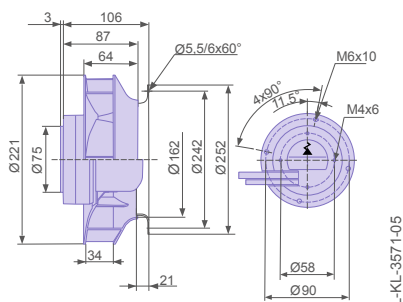


Measured with inlet ring, without guard grille according to ISO 5801

Inlet ring	00407898	Page 173
Connection diagram	1360-404	Page 174

Dimensions mm

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

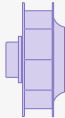


Performance data

Type	Characteristic curve	Speed	Operating point	Current	Input power	Suction side sound power level
		n min ⁻¹		I A	P _{sys} W	L _{WA5} dB(A)
RH22V-4IP.ZC.AR	I	3700	①	1.30	150	82
		3280	②	1.45	170	69
		3640	③			76
	II	2750	④	0.58	65	73
			⑤	0.90	100	65
			⑥	0.70	75	71
	III	2220	⑦	0.33	36	67
			⑧	0.52	55	59
			⑨	0.42	42	67
	IV	1480	⑩	0.17	14	57
			⑪	0.22	19	52
			⑫	0.18	16	61
	V	740	⑬	0.06	4	42
			⑭	0.07	5	40
			⑮	0.06		51

Current values determined at 230V

Fan ordering information

Design	RH*
Installation position	H/Vu/Vo
	
Type	RH22V-4IP.ZC.AR
Basic electronics	
Article no.	115890
Weight kg	1.70
* inlet ring not included	

Control technology

Control modules	Sensor control modules
	