

C-ECblue

for three phase alternating current, 380-480 V

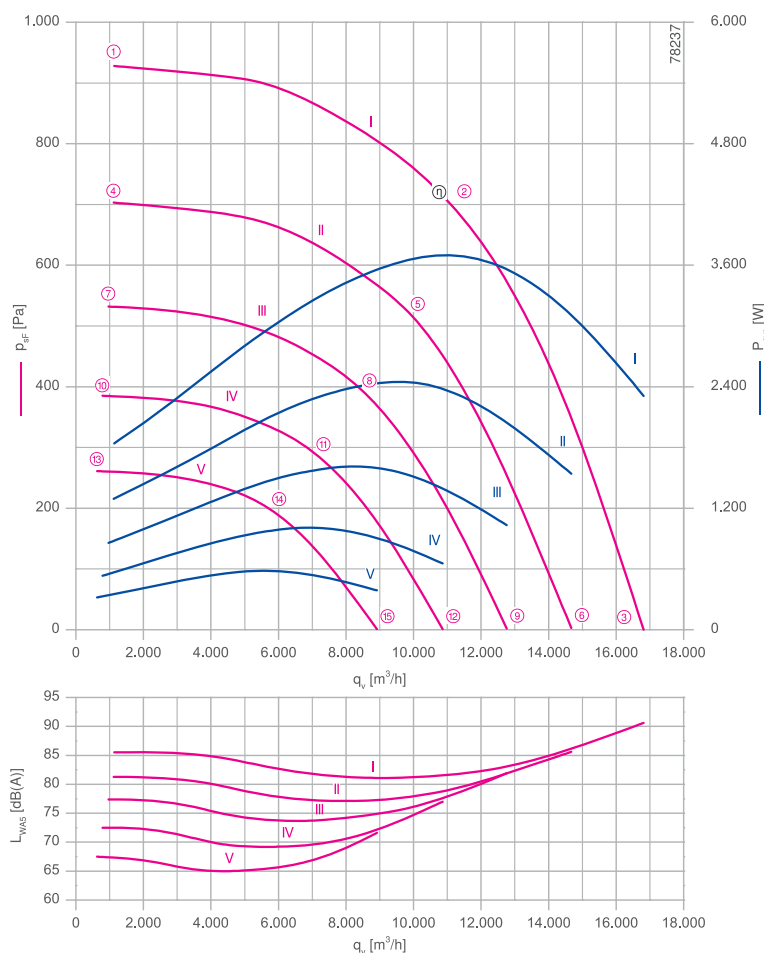
RH63C-ZIK



Description

Motor technology: EC
 Rated voltage U_N : 3~380-480 V*
 Rated frequency f_N : 50/60 Hz*
 Input power P_{sys} : 3.70 kW*
 Rated current I_N : 5.90-4.70 A*
 Rated speed n_N : 1320 min⁻¹*
 Thermal class: THCL155*
 Min. permitted ambient temperature t_R : -35 °C***
 Max. permitted ambient temperature t_R at n_{max} : 55 °C
 Electrical connection: Integrated controller
 Balancing quality: G 6.3
 Degree of protection : IP54
 Motor protection: Integrated active temperature management
 Impeller : aluminium, uncoated
 Conformity: CE
 *Rated data
 *** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -35 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

Characteristic curve

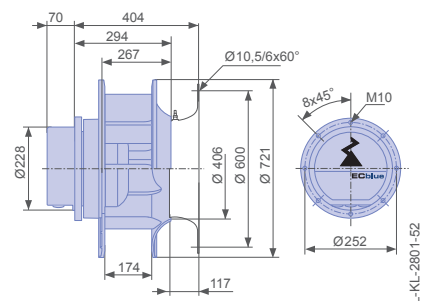


Measured with inlet ring, without guard grille according to ISO 5801

Inlet ring	00401462	RAL 7032	Page 302
		(pebble grey)	
		unpainted	
Inlet ring	00400811		
Connection diagram	1360-403		Page 326

Dimensions mm

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



Type	Characteristic curve	Speed	Operating point	Current	Input power	Suction side sound power level	Maximum ambient temperature
		n min ⁻¹		I A	P _{sys} W	L _{WAS} dB(A)	t _R °C
_63C-ZIK.GL.1R	I	1330	①	2.80	1850	86	55
			②	5.60	3700	82	
			③	3.50	2300	91	
	II	1150	④	2.00	1300	81	60
			⑤	3.70	2400	78	
			⑥	2.40	1550	86	
	III	1000	⑦	1.40	860	77	60
			⑧	2.50	1600	74	
			⑨	1.65	1050	82	
	IV	850	⑩	0.94	540	73	60
			⑪	1.60	1000	69	
			⑫	1.10	660	77	
	V	700	⑬	0.68	320	68	60
			⑭	1.00	580	65	
			⑮	0.76	390	72	

Current values determined at 400V

Fan ordering information

Design RH*

Installation position H/Vu/Vo



Type **RH63C-ZIK.GL.1R**

Article no. **171877**

Weight kg 33.00

* inlet ring not included

Control technology

Operating terminal

Expansion module



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