

1. Product specification

Technical data

Article number	115390
Type	RH25C-6ID.BD.CR
Designation	Single inlet impeller with backward curved blades.
Rated values	1~200-277V 50/60Hz P ₁ 0.78kW 4.00-2.90A 3600min ⁻¹ 40°C
Electrical connection	Integrated controller
Control	ECblue basic (inclusive MODBUS)
Min. operating temperature [°C]	-20
Painting stator	ohne
coating rotor	2-Schicht Lackierung
Colour sheet rotor	1K RAL 5002 (ultramarine blue)
Material impeller	ZAmid
Painting impeller	unpainted
Colour impeller	like RAL 5002 (ultramarine blue)
Connection diagram	1360-384
Rating plate	1x fixed.
Installation position	H/Vu/Vo
Motor protection	integrated active temperaturemanagement
Type of protection	IP54
Thermal class	Thermal class 155
Impregnation	Moisture and hot climate protection
Balancing	6,3
Quality of bearings	ball bearing with long-time lubrication
Labelling UL/CSA	UL in process
Weight kg	6,00
ErP Data	Efficiency η_{statA} : 67.8 % Efficiency: $N_{actual} = 79.4 / N_{target} = 62^*$ *ErP 2015

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2. Characteristic curve

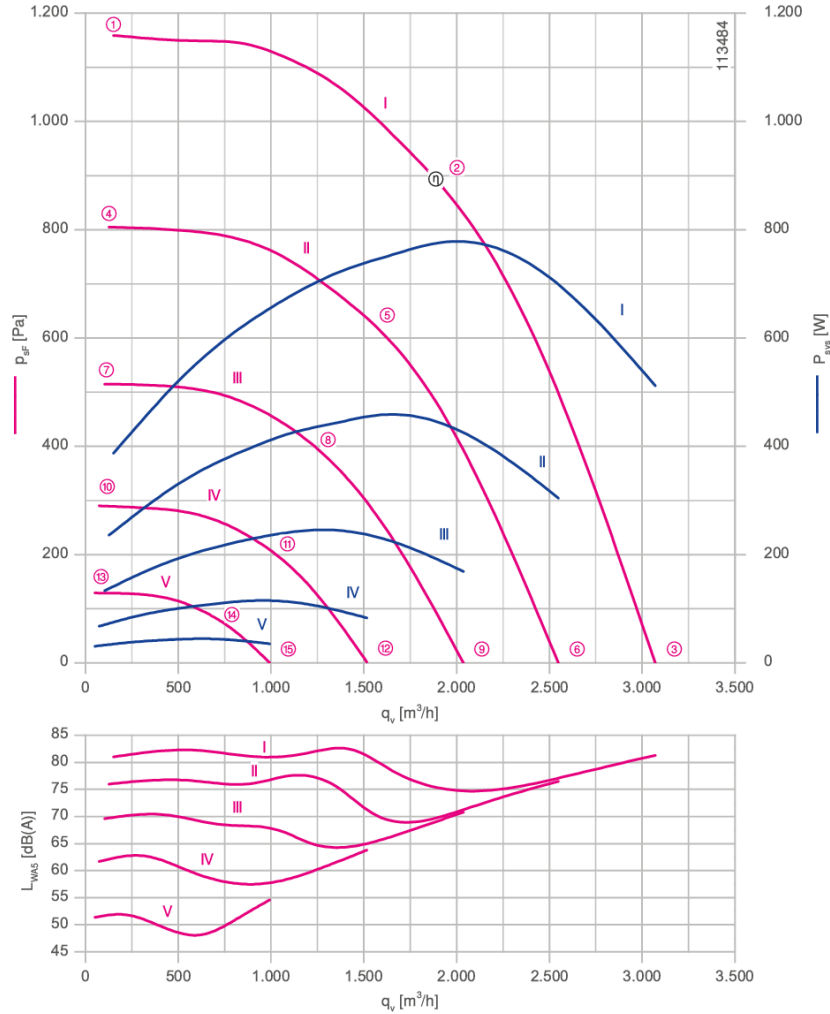
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Characteristic curve

Frequency: 50 Hz

Measured with full bell mouth without inlet guard grille



I = 3600/min, II = 3010/min, III = 2400/min, IV = 1800/min, V = 1200/min

Operating point	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	
Characteristic curve	I	I	I	II	II	II	III	III	III	IV	IV	IV	V	V	V	
Connection	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Voltage	V	230	230	230	230	230	230	230	230	230	230	230	230	230	230	
Current	A	1,70	3,40	2,20	1,05	2,00	1,35	0,62	1,10	0,78	0,36	0,54	0,42	0,21	0,26	
Speed	min ⁻¹	3600	3600	3600	3000	3000	3000	2400	2400	2400	1800	1800	1800	1200	1200	
Suction side sound power level	dB(A)	81	75	81	76	70	77	70	65	71	62	58	64	51	48	55