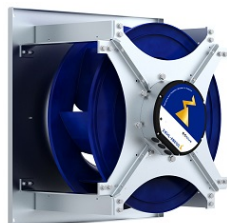


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GR50C-ZID.GG.CR | 116844/H01 | Portfolio STD-WW | Cpro ECblue

Standard design with ECblue motor and integrated electronics

Material of impeller:

- ZAmid - high performance composite material

Color Coating:

- Color coating in RAL5002 (Ultra marine-blue)

Mains voltage motor size B_:

- 1~ 200...277 V; 50/60 Hz

Mains voltage motor size D_:

- 1~ 200...277 V; 50/60 Hz
- 3~ 200...240 V; 50/60 Hz
- 3~ 380...480 V; 50/60 Hz

Mains voltage motor size G_:

- 3~ 200...240 V; 50/60 Hz
- 3~ 380...480 V; 50/60 Hz

Thermal class:

- THCL155

Thermal protection:

- Protection with active temperature management

Protection:

- IP55

Coating:

- Motor painted in RAL5002 (Ultra marine-blue)

Controller (only motor size B_):

- Activation via external speed setting 0-10 V / PWM, Communication interface on request
- Standard cable length: 60 cm

Controller (only motor size D_, G_):

- **BASIC:**

Activation via external speed setting 0-10 V / PWM Art. no. ER- and GR-module in basic version

- **PREMIUM:**

Integrated control functionality, Communication interface on

Cable glands:

- Motor size D: 3 x M16 x 1.5
- Motor size G: 3 x M20 x 1.5

Ambient temperature:

- Minimum permissible ambient temperature: -20 °C*
- Maximum permissible ambient temperature: 40 °C or see data sheet

***Continuous operation with occasional starts (S1) according to DIN EN 60034-1: 2011-02. Occasional starting between -35 ° C and -25 ° C is permissible. Permanent operation below -25 ° C only possible with special bearings for refrigeration applications on request.**



类型	GR50C-ZID.GG.CR
编号 article no.	116844/H01 Portfolio STD-WW

技术参数

马达	ECblue
Efficiency class	IE5
主电源	- 3~ 400V 50Hz
环境温度 (t _r)	°C 55
效率 η_{statA}	% 67,2
效率 N_{实际} N_{目标}	72,0 62
ErP-等级	2015 内部集成EC控制器
grille influence	否

风机数据

风机速度 (n) max. (n _{max})	1/min - 1860
频率 (f_{BP}) (f _{max})	Hz 50 60
尺寸 (w x h x d)	mm 670 x 670 x 447
重量	kg 46
喷嘴压力系数 (k)	- 252

PF:PF_50; Ano:116844; STol:+-10 %

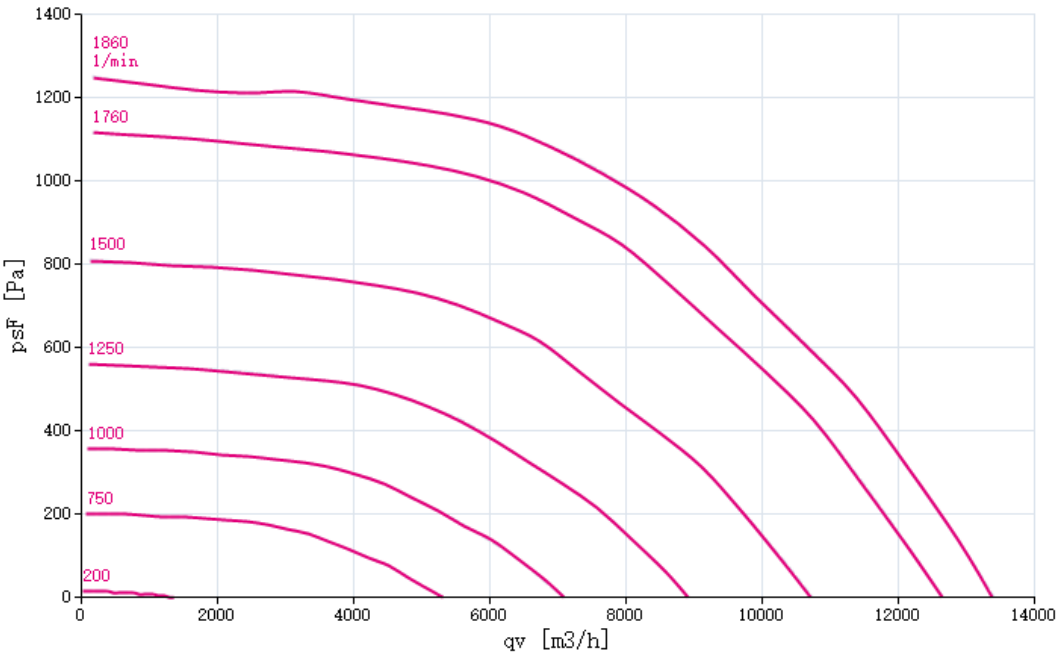
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GR50C-ZID.GG.CR

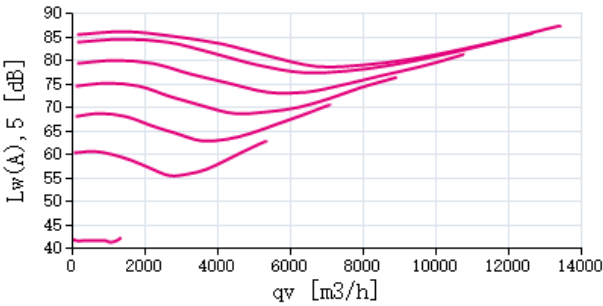
根据ISO 5801 A型安装方式下在标准风筒下测试值
测量密度 1.16 [kg/m³]

116844/H01 | Portfolio
STD-WW

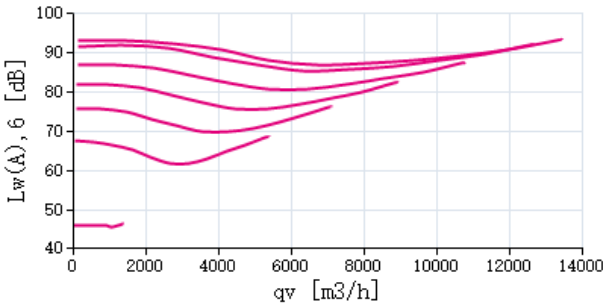
空气性能 p_{sf}



噪音值 ($L_{w(A),5}$)



噪音值 ($L_{w(A),6}$)



1	GR50C-ZID.GG.CR										
		f	sum	63	125	250	500	1000	2000	4000	8000
		[Hz]									
		<hr/>									
		$L_{w(A),5}$	-	-	-	-	-	-	-	-	-
		$L_{w,5}$	-	-	-	-	-	-	-	-	-
		<hr/>									

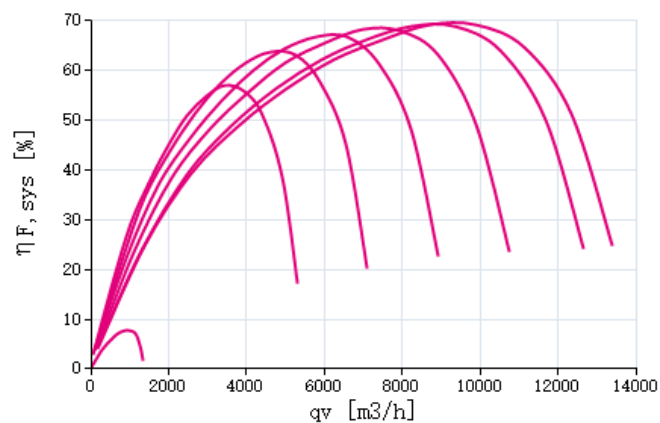
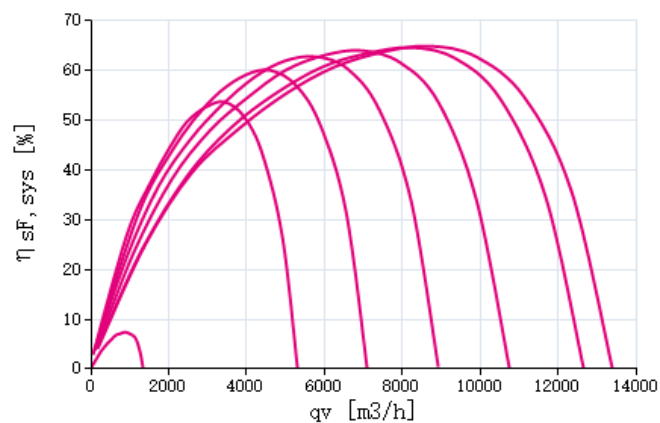
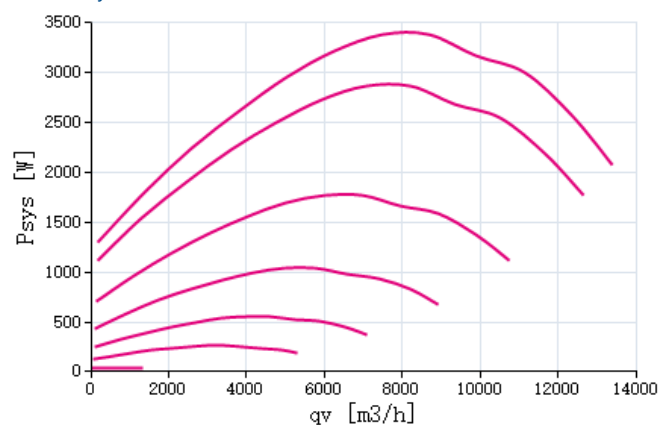
		f	sum	63	125	250	500	1000	2000	4000	8000
		[Hz]									
		<hr/>									
		$L_{w(A),6}$	-	-	-	-	-	-	-	-	-
		$L_{w,6}$	-	-	-	-	-	-	-	-	-
		<hr/>									

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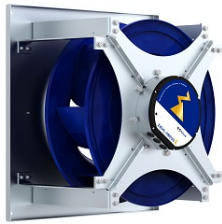
GR50C-ZID.GG.CR

 116844/H01 | Portfolio
STD-WW

 根据ISO 5801 A型安装方式下在标准风筒下测试值
测量密度 1.16 [kg/m³]

 效率 $\eta_{F,sys}$

 效率 $\eta_{sF,sys}$

 功率 P_{sys}


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GR50C-ZID.GG.CR
116844/H01

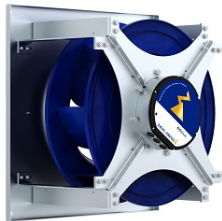
3~ 380-480V 50Hz P1 3.50kW
5.60-4.40A 1860/MIN 55°C
3~ 380-480V 60Hz P1 3.50kW
5.60-4.40A 1860/MIN 55°C
IP55 THCL155

图纸

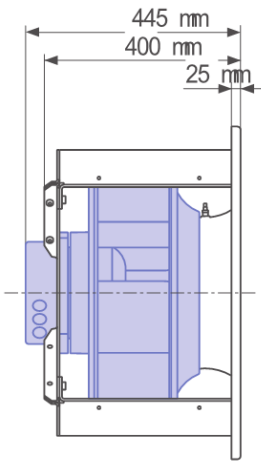
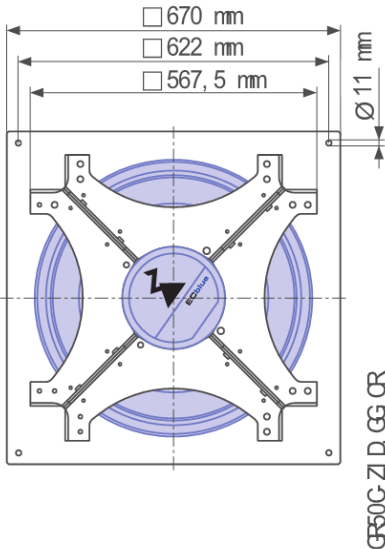
2024/5/17

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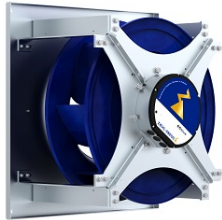


接线图

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GR50C-ZID.GG.CR
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