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GR25C-6ID.BD.CR | 115666/A01 | Portfolio STD-WW G1 | 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:

- IP54

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:**

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Integrated control functionality, Communication interface on request

Cable glands:

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

Ambient temperature:

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

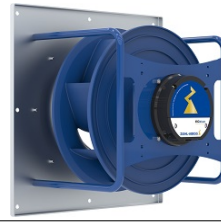
***Continuous operation with occasional starts (S1) according to DIN EN 60034-1: 2011-02. Occasional starting between -35 ° C and -25 ° C is permissible. Permanent operation below -25 ° C only possible with special bearings for refrigeration applications on request.**

fan data

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article no.	115666/A01 Portfolio STD-WW G1

technical data

motor	ECblue
Efficiency class	IE4
mains supply	-
ambient temperature, max. limit (t_a)	°C
efficiency grade η_{statA}	%
efficiency grade N_{actual} N_{target}	67,8
ErP-conformity	79,4 62
grille influence	2015 EC controller integrated
	no

fan data

SFP-class SFP-value (P_{SFP})	- Ws/m ³	4 1474
airflow volume (q_v)	ft ³ /min	1000.0
air velocity	m/s	7.69
pressure, stat. (p_{sF}) tot. (p_F)	in.wg. Pa	3.600 931
electrical power input (P_{sys})	W	696
system eff., stat. ($\eta_{sF,sys}$) tot. ($\eta_{F,sys}$)	%	60.8 63.2
fan speed (n) max. (n_{max})	1/min	3495 3600
fan speed, set value (% n_{max})	%	97
frequency (f_{BP}) (f_{max})	Hz	50 60
voltage (U_{DP})	V	230
current (I_{DP})	A	3.06
acoustics, suction side ($L_{w(A),5}$) ($L_{w,5}$)	dB	75 80
acoustics, pressure side ($L_{w(A),6}$) ($L_{w,6}$)	dB	81 84
dimensions (w x h x d)	mm	375 x 375 x 283
product weight (m_{pr})	kg	11
k-factor nozzle pres. (k)	-	60
differential pres. nozzle ($p_{sF \text{ nozzle}}$)	Pa	802

PF:PF_00; BR:BR_40; q_v :1000.0 ft³/min; p_{sF} :3.600 in.wg.; mains:1~ / 230V / 50 Hz; t_a :20 °C; p :1.16 kg/m³; STol:+-5 %; BF:GR



performance curve / acoustics

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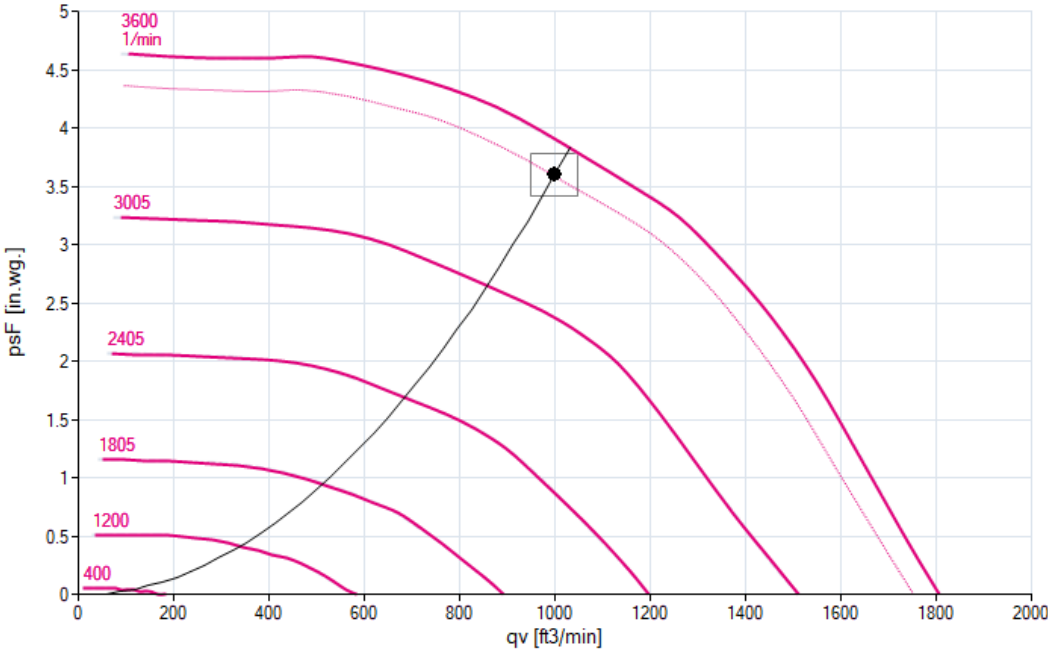
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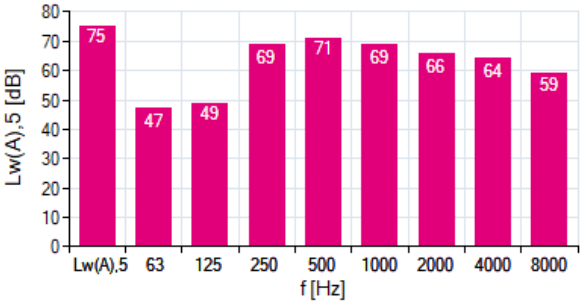
115666/A01 | Portfolio
STD-WWW G1
- measured in standard nozzle in installation type A according to ISO 5801

measurement density 1.16 [kg/m³]

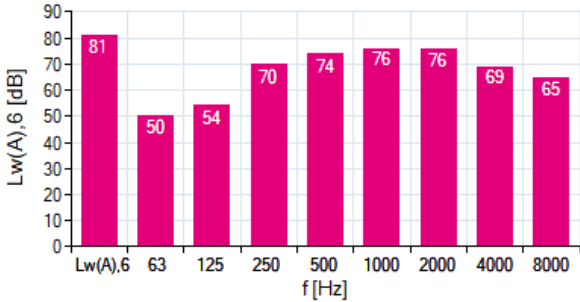
air performance p_{sF}



acoustics ($L_{w(A),5}$)



acoustics ($L_{w(A),6}$)



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f [Hz]	sum	63	125	250	500	1000	2000	4000	8000
$L_{w(A),5}$	75	47	49	69	71	69	66	64	59
$L_{w,5}$	80	73	65	75	75	69	64	63	60

f [Hz]	sum	63	125	250	500	1000	2000	4000	8000
$L_{w(A),6}$	81	50	54	70	74	76	76	69	65
$L_{w,6}$	84	76	70	77	78	76	74	68	66





efficiency grade / power input

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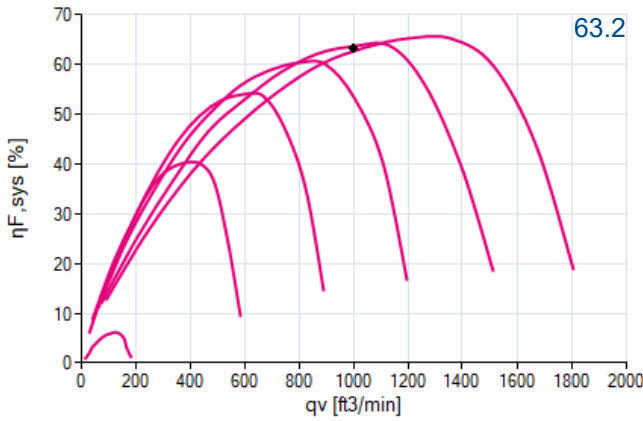
GR25C-6ID.BD.CR

115666/A01 | Portfolio
STD-WW G1

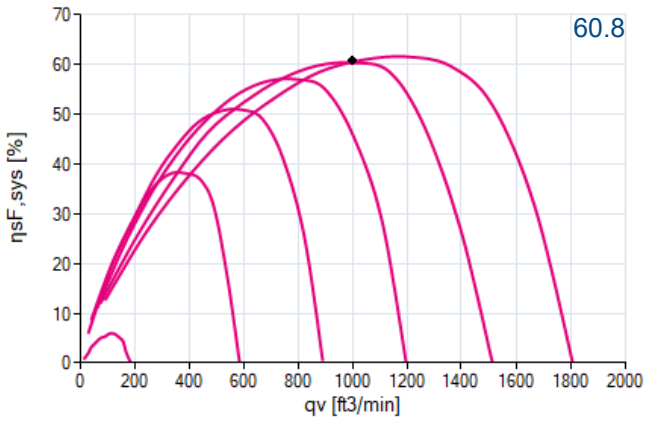
measured in standard nozzle in installation type A according to ISO 5801

measurement density 1.16 [kg/m³]

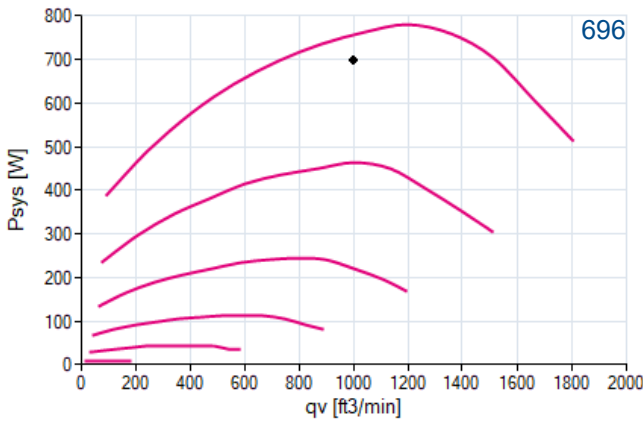
efficiency grade $\eta_{F,sys}$



efficiency grade $\eta_{sF,sys}$



power input P_{sys}





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nominal values

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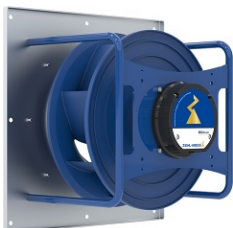
1~ 200-277V 50Hz P1 0.78kW
2.90-4.00A 3600/MIN 40°C
1~ 200-277V 60Hz P1 0.78kW
2.90-4.00A 3600/MIN 40°C
IP54 THCL155

drawing

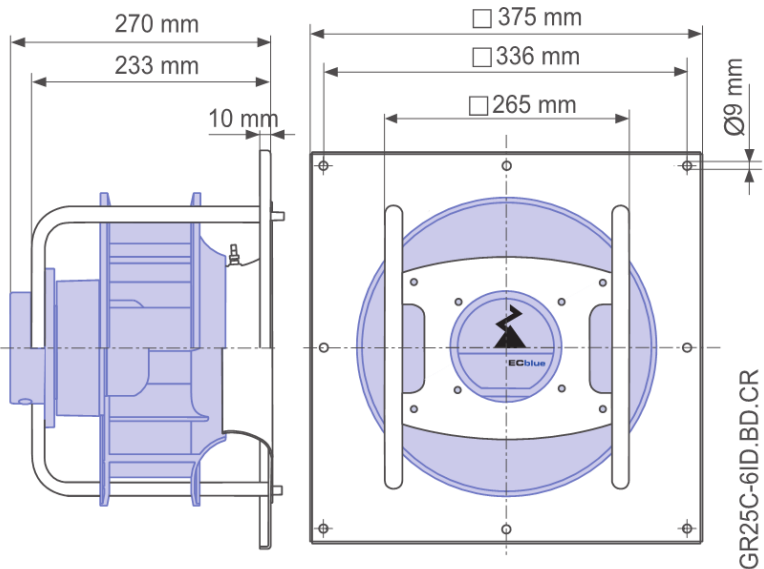
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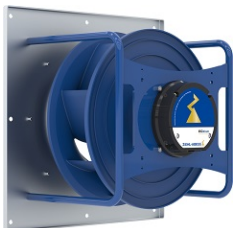


wiring diagram

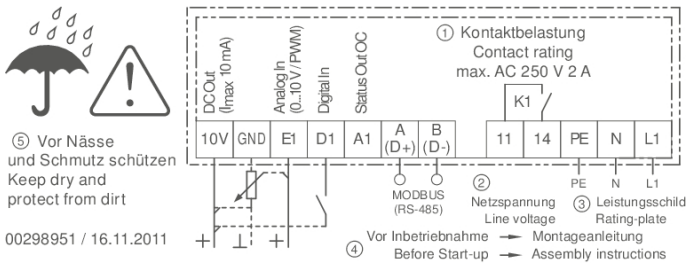
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system components

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