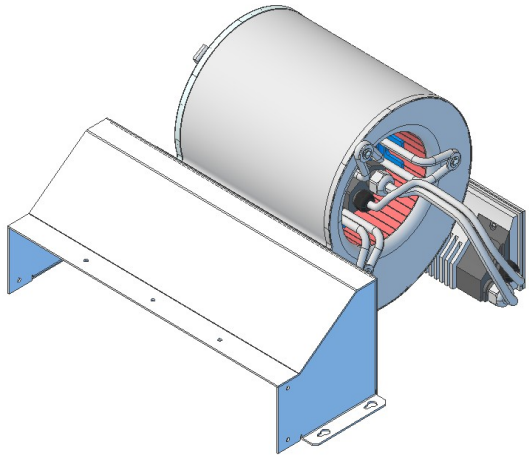
SC-C400P

EC cenbtrifugal fan with 400x84 mm. Heat sink adapter

HIGHLIGHTS

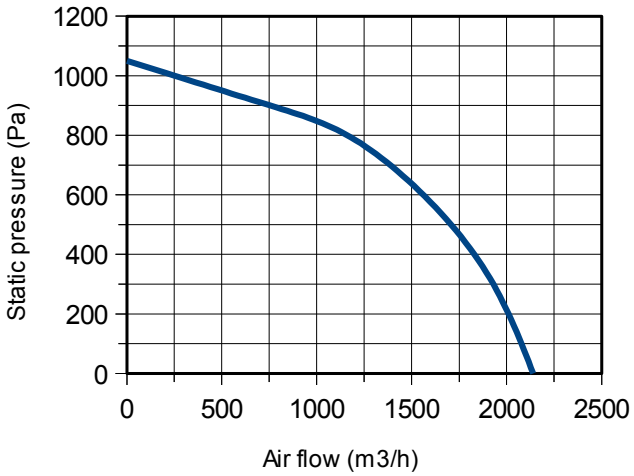
- Output 10 V_{DC}, max. 10 mA.
- Operation and alarm display
- Tach output
-Alarm relay
-Integrated PID controller
-Power limiter
-Motor current limitation
-PFC, active
-RS-485 MODBUS-RTU
-Soft start
-Control input 0-10 V_{DC} / PWM
-Control interface with SELV potential safely disconnected from the mains
-Thermal overload protection for electronics/motor
-Line undervoltage / phase failure detection



non-contractual image

CHARACTERISTICS

Phase		1_{AC}
Nominal voltage	V_{AC}	230
Nominal voltage range	V_{AC}	200...277
Frequency	Hz	50/60
Method of obtaining data		Free air
Speed (rpm)	min^{-1}	2500
Power consumption	W	750
Current draw	A	3,3
Min, back pressure	Pa	0
Min,/Max, ambient temperature	ºC	-25/60

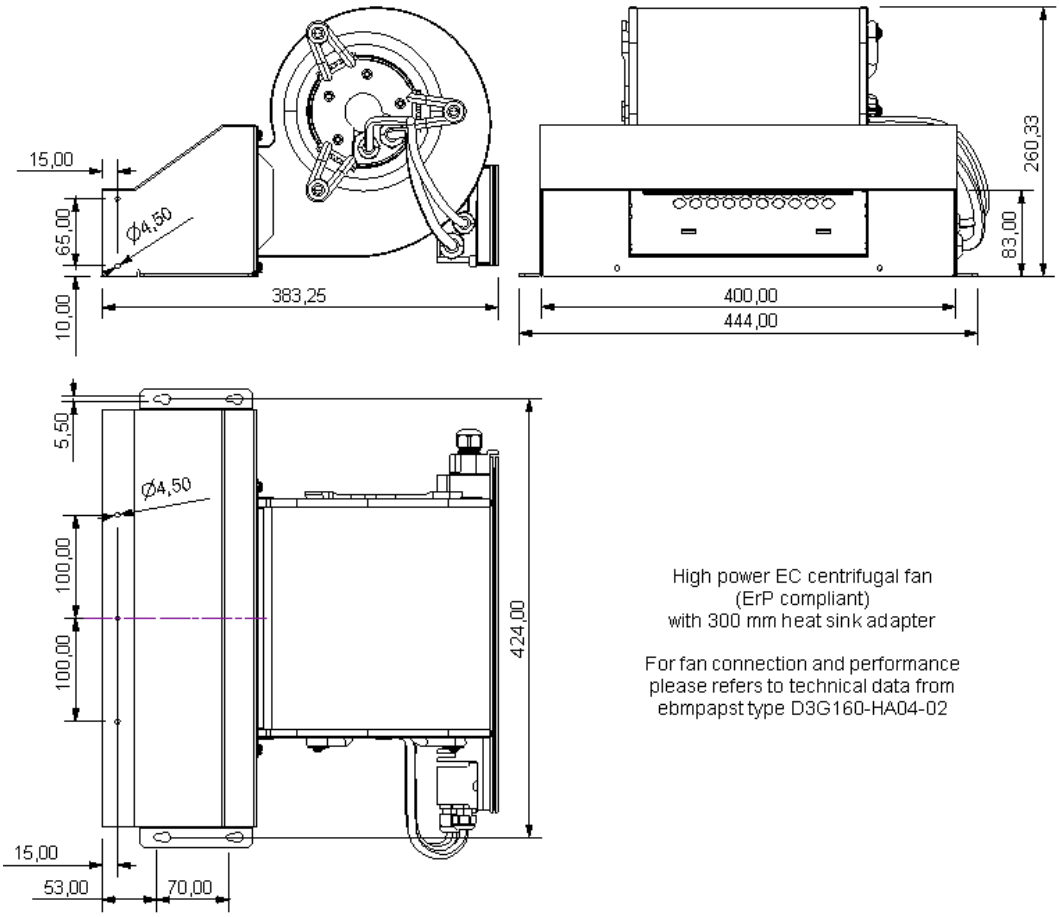


Weight	9,8 Kg
Fan size	160 mm
Impeller anf housing material	Sheet steel, galvanized
Motor suspension	Motor mounted on brackets for one-sided vibration damping
Direction of rotation	Counterclockwise, viewed toward rotor
Degree of protection	IP54
Insulation class	“F”
Moisture (F) / Environmental protection class	F3-1
Min./Max. Transport / storage ambient temperature	-40ºC to +85ºC
Installation position	Shaft horizontal or rotor on bottom
Motor bearing	Ball bearing
Motor protection	Thermal overload protector (TOP) internally connected
Pollution degree	2
Protecion class	I (with customer connection of protective earth)

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DIMENSIONS AND CONNECTION

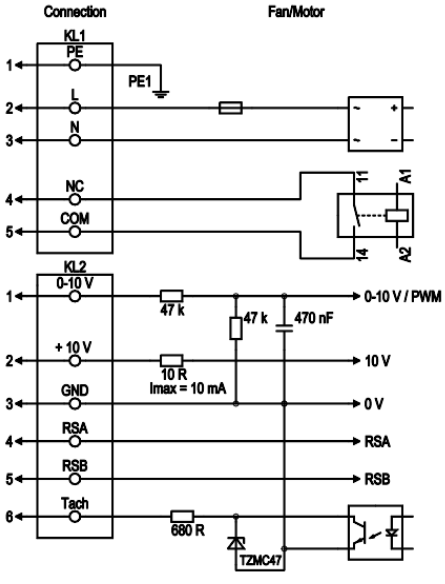


High power EC centrifugal fan
(ErP compliant)
with 300 mm heat sink adapter

For fan connection and performance
please refers to technical data from
ebmpapst type D3G160-HA04-02

All dimensions in mm

No.	Conn.	Designation	Function / assignment
KL1	1	PE	Protective earth
	2	L	Power supply, phase, 50/60Hz
	3	N	Power supply, neutral, 50/60Hz
	4	NC (1)	Status relay, break for failure,
	5	COM (1)	Status relay, common connection.
KL2	1	0-10V	Analog input 8set value), 0-10V, Ri=100KR, adjustable curve, SELV
	2	+10V	Fixed output 40V_{DC}, SELV
	3	GND	Reference ground control interface, SELV
	4	RSA	RS485 interface for MODBUS; RSA; SELV
	5	RSB	RS485 interface for MODBUS; RSA; SELV
	6	Tacho	Tacho output, open collector, 1 pules per revolution, Isink mas = 10mA, SELV



(1): Floating status contact, contact rating 250V_{AC}/2A (AC1) / min. 10mA; basic insulation on supply side and reinforced insulation on control interface side.

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Cost Effective Products

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No Annotation: The product parameters are fixed and the product is available to datasheet specification.

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