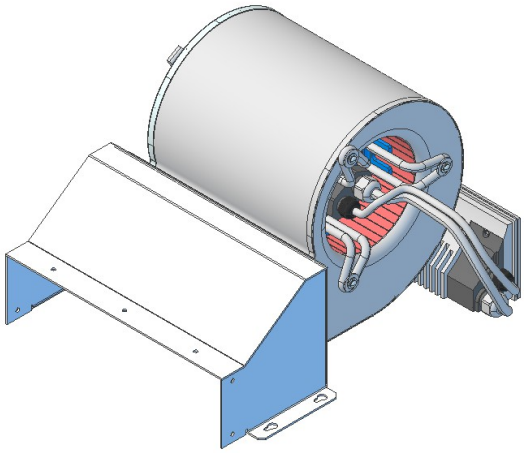
SC-C300P

EC cenbtrifugal fan with 300x84 mm. Heat sink adapter

HIGHLIGHTS

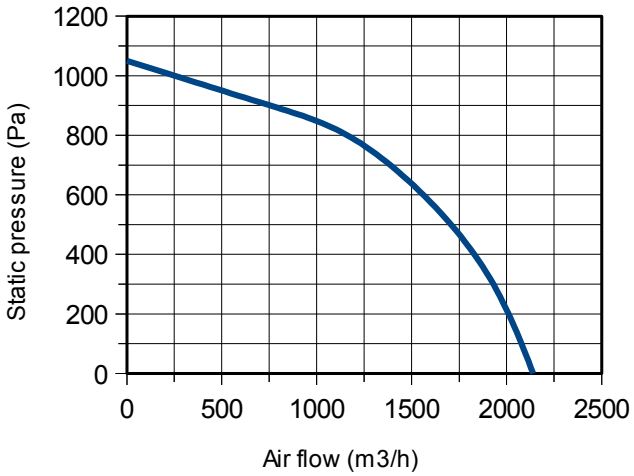
- Output 10 V_{DC}, max. 10 mA.
- Operation and alarm display
- Tach output
-Alarm relay
-Integrated PID controller
-Power limiter
-Motor current limitation
-PFC, active
-RS-485 MODBUS-RTU
-Soft start
-Control input 0-10 V_{DC} / PWM
-Control interface with SELV potential safely disconnected from the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

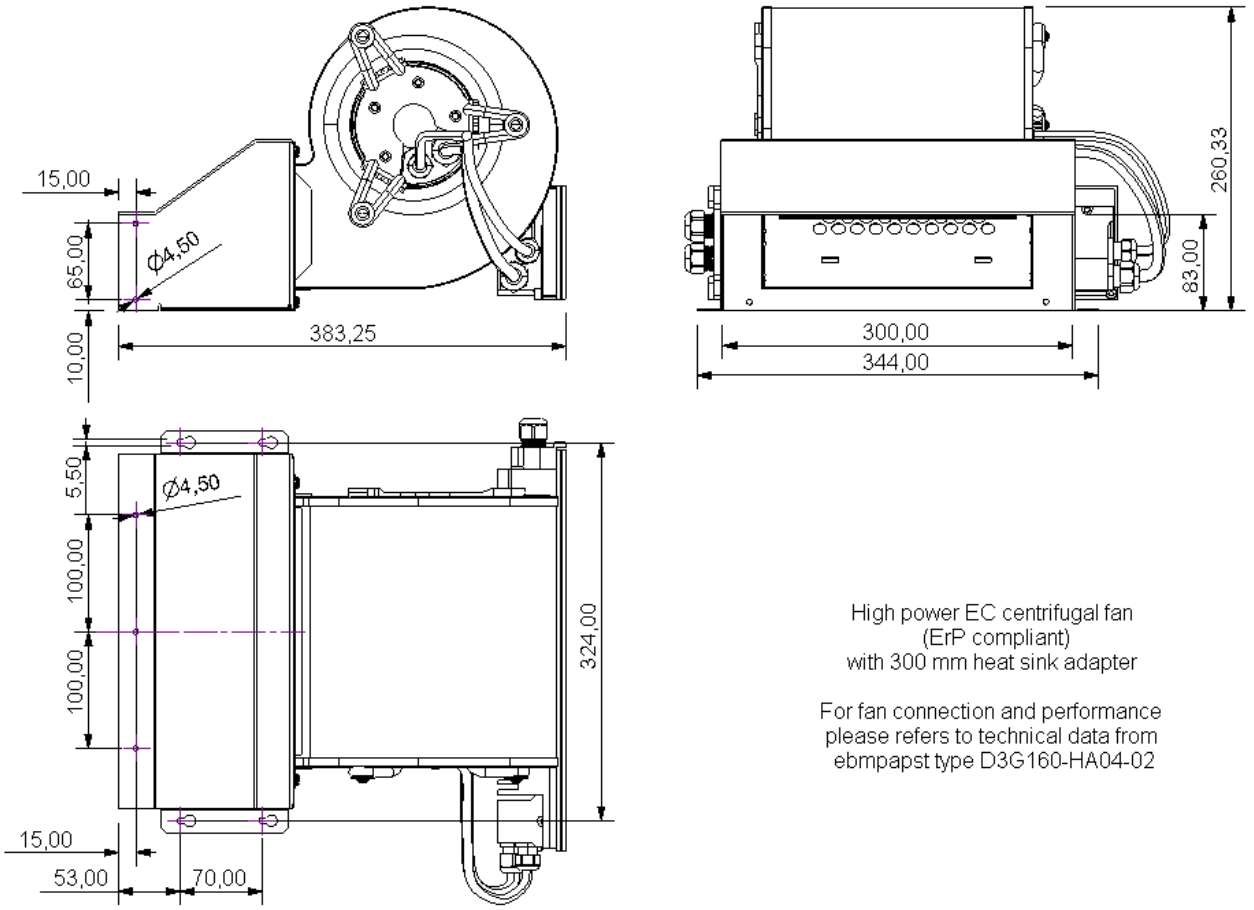


Weight	9,4 Kg
Fan size	160 mm
Impeller anf housing material	Sheet steel, galvanized
Motor suspension	Motor mounted on brackets for one-sided vibration damping
Direction of rotation	Counterclockwise, viewed toward rotor
Degree of protection	IP54
Insulation class	“F”
Moisture (F) / Environmental protection 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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Reserves the right to change limits, test conditions and dimensions given in this data sheet at any time without previous notice.

DIMENSIONS AND CONNECTION

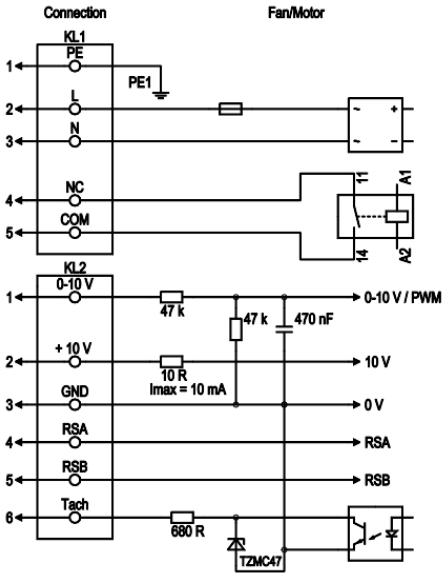


High power EC centrifugal fan
(ErP compliant)
with 300 mm heat sink adapter

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 40VDC, 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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No Annotation: The product parameters are fixed and the product is available to datasheet specification.

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