BLAUBERG Motoren

PRODUCT SPECIFICATION

TYPE	AC centrifugal fan, backward curved
MODEL	BL-B310B-4E-L01-01

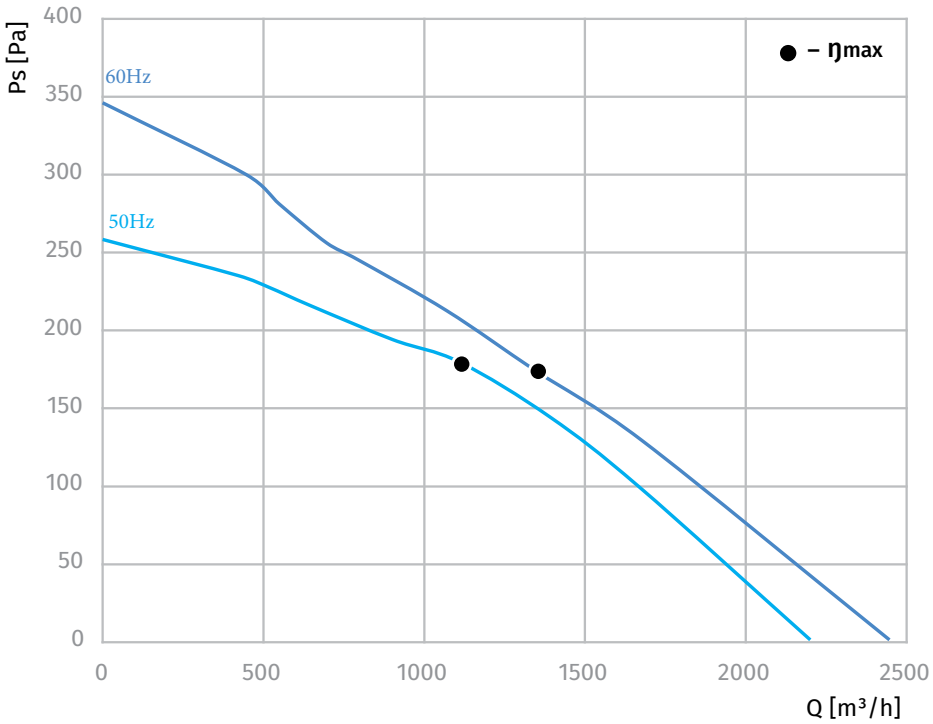
NOMINAL DATA

Phase	-	1~	1~
Nominal Voltage	VAC	230	230
Frequency	Hz	50	60
Speed	RPM	1400	1700
Power Input	W	138	190
Current	A	0.60	0.80
Sound Pressure Level	dBA	71	75
Capacitor	µF	3.0	3.0
Capacitor Voltage	VDB	450	450
Valid For Approval/Standard		CE	CE
Min. Ambient Temperature	°C	-25	-25
Max. Ambient Temperature	°C	+60	+60

TECHNICAL FEATURES

Mass	3.8 Kg
Dimensions	310 mm
Material Of Impeller	Aluminium sheet
Number Of Blades	6
Direction Of Rotation	Clockwise, seen on rotor
Surface Of Rotor	Coated in reflex BLUE C
Type of protection	IP54
Insulation Class	F
Condensate Discharge Holes	On rotor side
Min./Max. permissible ambient motor temperature (transportable/ storage)	- 40°C … + 80°C
Operation Mode	S1
Motor Bearing	Ball bearing
Motor Protection	Self-resetting TOP wired internally
Length Of Cable	450 mm
RoHS	All material accord with RoHS
Min./Max. Humidity	0% ... 90% RH
Motor	External rotor AC motor
Deviation Of Impeller In Axial Direction	≤1mm
Deviation Of Impeller In Radial Direction	≤1mm

PERFORMANCE CURVES

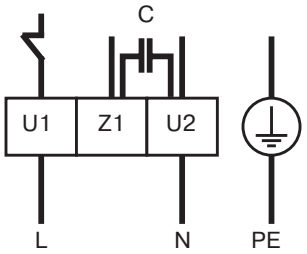


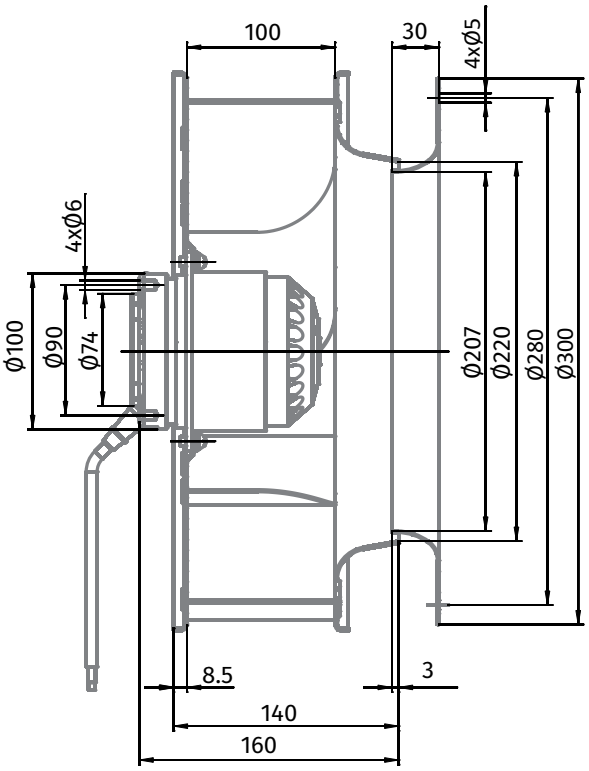
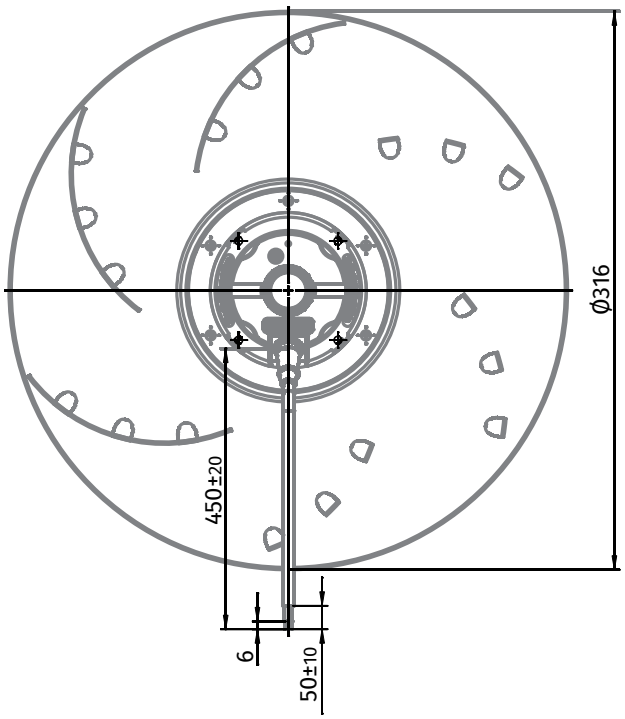
DATA ACCORDING TO ErP DIRECTIVE

Installation category	A
Efficiency category	Static
Variable speed drive	No
Specific ratio	1,00

	Actual	Request 2015
Overall efficiency η_{es}	43	42
Efficiency grade N	62	62
Power input P, W	130	
Air flow V, m^3/h	1110	
Pressure increase ΔP, Pa	180	

ELECTRICAL CONNECTION DIAGRAMM



U1 Blue
U2 Black
Z1 Brown
PE Green/Yellow

DIMENSIONS DRAWING