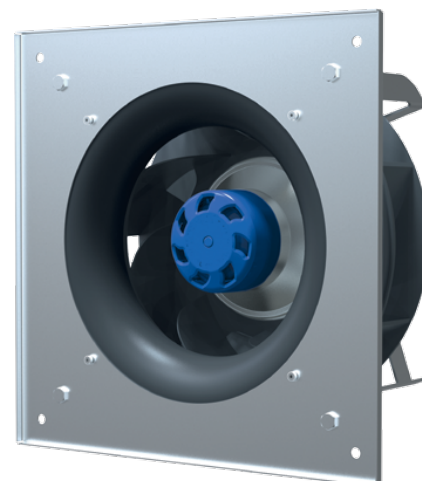


PRODUCT SPECIFICATION

TYPE	EC centrifugal fan, backward curved, with housing (Plug Fan)
MODEL	GC-B250B-EC-01
MOTOR	MEC3C-72-174-01

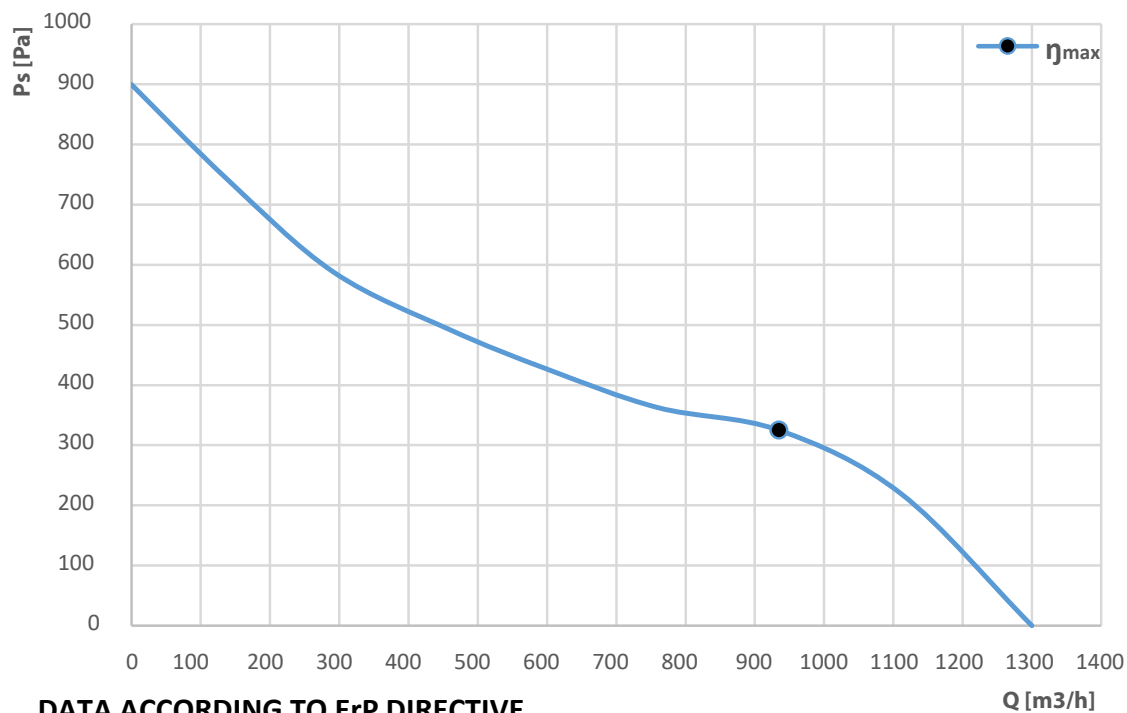
NOMINAL DATA

Phase	-	1~
Nominal Voltage	VAC	120
Frequency	Hz	50/60
Speed	RPM	2500
Power Input	W	174
Current	A	2.2
Sound Pressure Level	dBA	72
Valid For Approval/Standard		CE
Min. Ambient Temperature	°C	-25
Max. Ambient Temperature	°C	+60

TECHNICAL FEATURES

Mass	2.90 Kg
Dimensions	250 mm
Material Of Impeller	PA plastic + 30% glass fiber
Material Of Housing	Sheet steel, painted grey
Number Of Blades	7
Direction Of Rotation	Clockwise, seen on rotor
Surface Of Rotor	Coated in reflex BLUE C
Type of protection	IP55
Insulation Class	B
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	500 mm
RoHS	All material accord with RoHS
Min./Max. Humidity	0% ... 90% RH
Motor	External rotor EC motor
Deviation Of Impeller In Axial Direction	≤0.5mm
Deviation Of Impeller In Radial Direction	≤0.5mm

PERFORMANCE CURVES

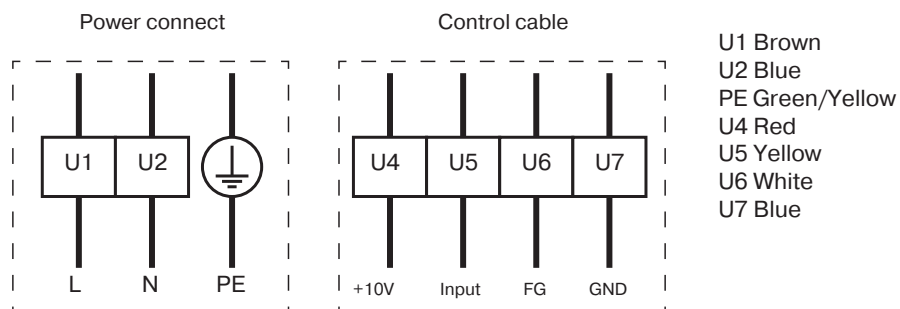


DATA ACCORDING TO ErP DIRECTIVE

Installation category	A
Efficiency category	Static
Variable speed drive	Yes
Specific ratio	1,00

	Actual	Request 2015
Overall efficiency η_{es}	56	44
Efficiency grade N	74	62
Power input P, W	173	
Air flow V, m³/h	935	
Pressure increase ΔP , Pa	325	

ELECTRICAL CONNECTION DIAGRAM



DIMENSIONS DRAWING

