

PRODUCT SPECIFICATION



TYPE	AC centrifugal fan, backward curved, with housing (Plug Fan)
MODEL	GL-B190A-2C-A02-01

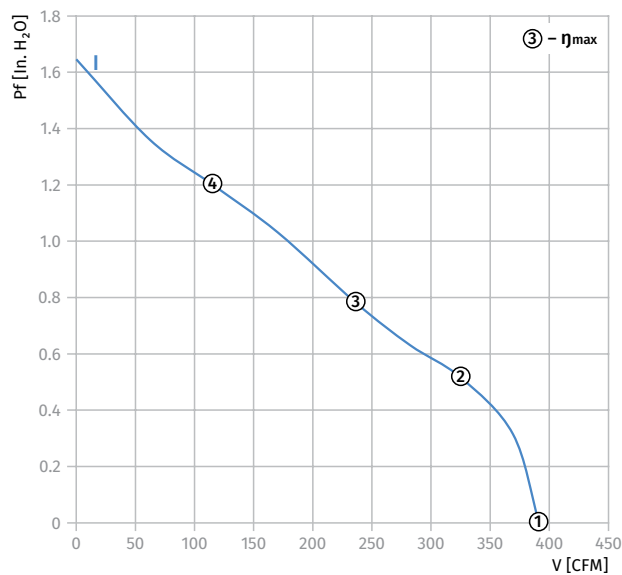
NOMINAL DATA

Phase	-	1~
Nominal Voltage	VAC	120
Frequency	Hz	60
Speed	RPM	2870
Power Input	W	90
Current	A	0.75
Sound Pressure Level	dBA	64
Capacitor	μF	8
Capacitor Voltage	VDB	250
Valid For Approval/Standard		CE
Min. Ambient Temperature	°C	-25
Max. Ambient Temperature	°C	+50

TECHNICAL FEATURES

Mass	2.19 Kg
Dimensions	190 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	IP44
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	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	≤0.5mm
Deviation Of Impeller In Radial Direction	≤0.5mm

PERFORMANCE CURVES

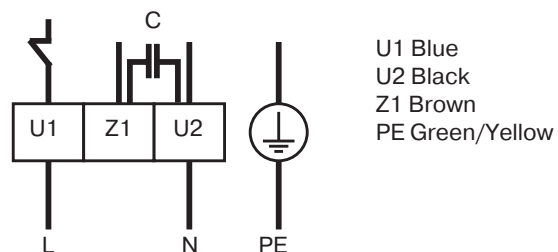


Curve	Point	n [RPM]	P ₁ [W]	I [A]
I	1	2976	86.6	0.728
	2	2892	87.9	0.739
I	3	2832	91.3	0.765
	4	2940	85.6	0.720

DATA ACCORDING TO ErP DIRECTIVE

Not subject to ErP regulations (P₁ < 125W).

ELECTRICAL CONNECTION DIAGRAMM



DIMENSIONS DRAWING

