DC centrifugal fan



ebm-papst St. Georgen GmbH & Co. KG
Hermann-Papst-Str. 1
D-78112 St. Georgen
Phone +49 (0) 7724 81-0
Fax +49 (0) 7724 81-1309
info2@de.ebmpapst.com
www.ebmpapst.com

Nominal data

Type	RER 190-39/18/2TDMLO	
Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 57
Speed	min^{-1}	3000
Power input	W	56
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	65
Air flow	m^3/h	650
Sound power level	B	7.6

ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations

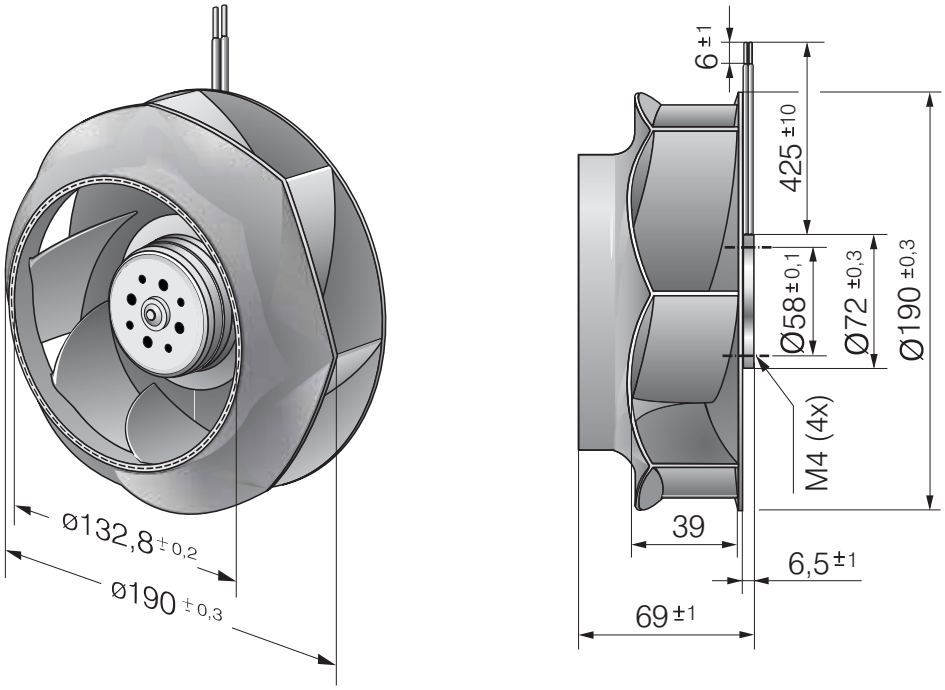
Technical features

General description	Very smooth running 3-phase fan drive with high efficiency Backward-curved RadiCal impeller
Impeller material	Glass fibre-reinforced plastic
Mass	0.87 kg
Dimensions	190 Ø x 69 mm
Direction of air flow	Axial: intake, centrifugal: exhaust
Direction of rotation	Clockwise, looking at rotor
Bearing	Ball bearing
Lifetime L10 at 40 °C	55000 h
Lifetime L10 at maximum temperature	30000 h
Connection line	Via single wires AWG 18, 20 or AWG 22, TR 64, speed signal and control input AWG 22

ebm-papst St. Georgen GmbH & Co. KG · Hermann-Papst-Str. 1 · D-78112 St. Georgen · Phone +49 (0) 7724 81-0 · Fax +49 (0) 7724 81-1309 · info2@de.ebmpapst.com · www.ebmpapst.com

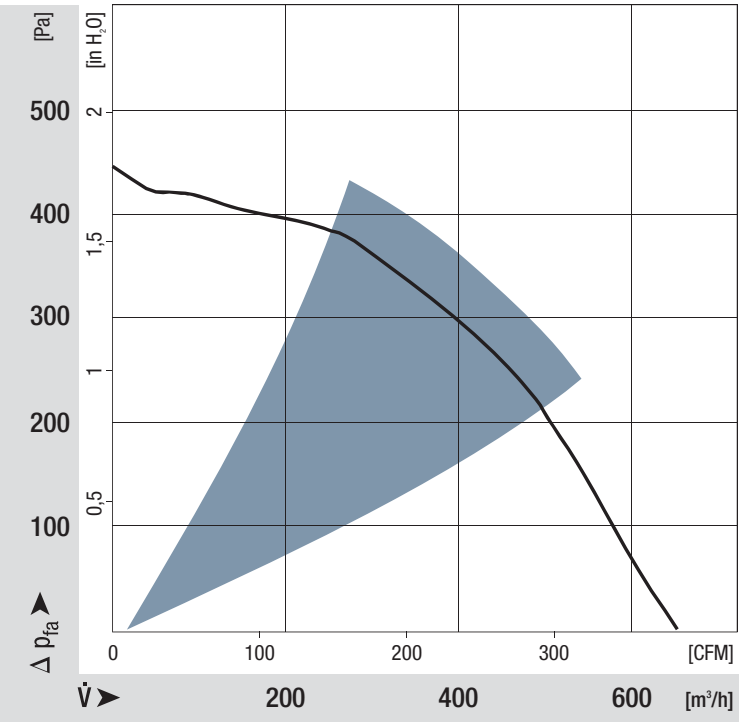
DC centrifugal fan

Product drawing



ebm-papst St. Georgen GmbH & Co. KG · Hermann-Papst-Str. 1 · D-78112 St. Georgen · Phone +49 (0) 7724 81-0 · Fax +49 (0) 7724 81-1309 · info2@de.ebmpapst.com · www.ebmpapst.com

Charts



ebm-papst St. Georgen GmbH & Co. KG · Hermann-Papst-Str. 1 · D-78112 St. Georgen · Phone +49 (0) 7724 81-0 · Fax +49 (0) 7724 81-1309 · info2@de.ebmpapst.com · www.ebmpapst.com