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**Nominal data**

Type	RER 175-42/18/2 TDMP	
Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 72
Speed	min <sup>-1</sup>	4800
Power input	W	110
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	65
Air flow	m <sup>3</sup> /h	865
Sound power level	B	8.2

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

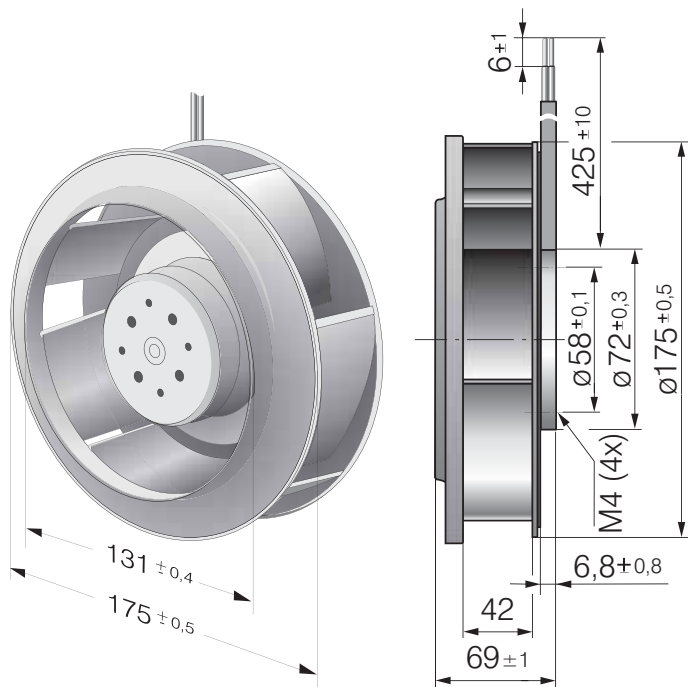


**Technical features**

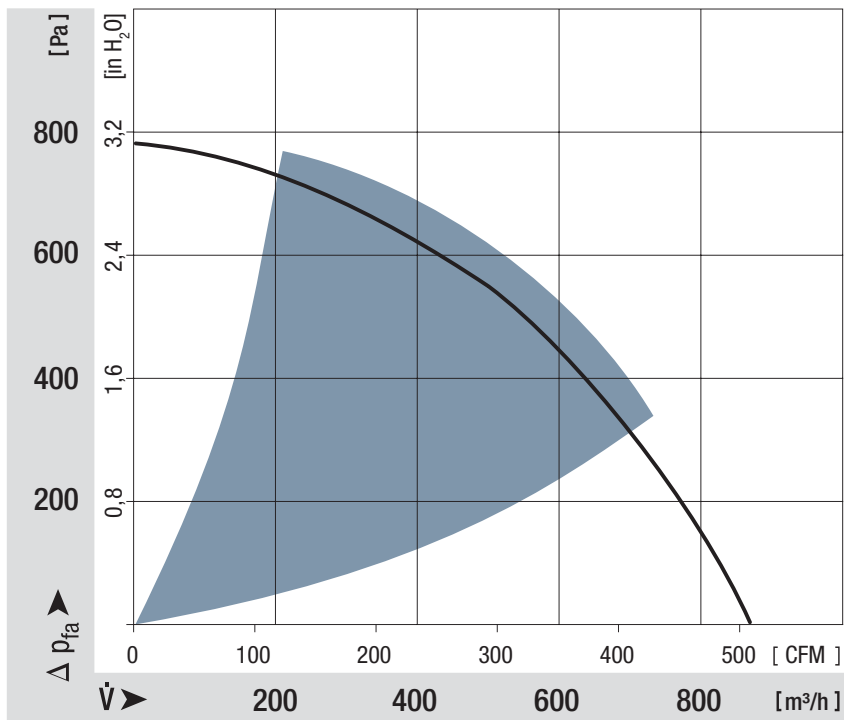
<b>General description</b>	Very smooth running 3-phase fan drive with high efficiency Backward-curved impeller
<b>Impeller material</b>	Glass fibre-reinforced plastic
<b>Mass</b>	0.775 kg
<b>Dimensions</b>	175 Ø x 69 mm
<b>Direction of air flow</b>	Axial: intake, centrifugal: exhaust
<b>Direction of rotation</b>	Clockwise, looking at rotor
<b>Bearing</b>	Ball bearing
<b>Lifetime L10 at 40 °C</b>	70000 h
<b>Lifetime L10 at maximum temperature</b>	40000 h
<b>Connection line</b>	Via single wires AWG 18, 20 or AWG 22, TR 64, speed signal and control input AWG 22



## Product drawing



## Charts



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