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Nominal data

Type	RER 225-63/18/2 TDO	
Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 72
Speed (rpm)	min ⁻¹	3300
Power consumption	W	163
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	55
Air flow	m ³ /h	1600
Sound power level	B	8.1

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

General description	3-phase fan drive with very smooth operation and high efficiency Backward-curved impeller
Impeller material	Glass-fiber reinforced plastic
Weight	1.030 kg
Dimensions	Ø 225 x 99 mm
Airflow direction	Axial: intake, radial: discharge
Direction of rotation	Clockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	52500 h
Service life L10 at maximum temperature	37500 h
Cable	With leads AWG 18, 20 or AWG 22, TR 64, speed signal and control input AWG 22

Technical drawing of a circular fan unit, showing front and side views with dimensions.

Front View Dimensions:

- Outer diameter: 225 ± 0.5
- Inner diameter (hub): 153 ± 0.4

Side View Dimensions:

- Total height: 99 ± 1
- Hub height: 62.6
- Flange thickness: 9.7 ± 1.8
- Flange outer diameter: $\varnothing 225 \pm 0.5$
- Flange inner diameter: $\varnothing 72 \pm 0.3$
- Hub inner diameter: $\varnothing 58 \pm 0.1$
- Mounting hole diameter: $\varnothing 6 \pm 1$
- Mounting hole pitch: 425 ± 10
- Mounting hole pattern: M4 (4x)

Curves

