

Name: MPRF-280-46-8-E1-45

Russian name: ВЛ-14-46 №8 Исп.1, 45 кВт

Type: Medium pressure radial fans

Notes: It is recommended to use vibration isolators of CVI-43 type in quantity of 5 pcs.



DESCRIPTION:

Medium pressure radial fans of MPRF-280-46 type are widely used in air ventilation systems of industrial and civil buildings, in air conditioning systems and for other industrial and sanitary-engineering purposes. These medium pressure fans are manufactured in right-hand and left-hand rotations with backward curved blades. In accordance with the field of application MPRF-280-46 type fans can be produced in the following modifications:

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 - general purpose industrial modification (carbon steel)
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 - corrosion-resistant modification (stainless steel)
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 - explosion-proof modification (dissimilar metals)
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 - explosion-proof and corrosion-resistant modification (dissimilar metals)
-
 - explosion-proof modification (aluminum alloys)
-
 - corrosion-resistant modification (titanium alloys)
-
 - heat-resistant modification (carbon steel)
-
 - heat-resistant and corrosion-resistant modification (stainless steel)

AERODYNAMIC PERFORMANCE:

Capacity: 36.5 ths. m³
Total pressure: 2910 Pa
Temperature: 200 C
Efficiency: 63-73 %
Dustiness: 0.1 g/m³

DIMENSIONS:

Length: 1535 mm
Width: 1430 mm
Height: 1420 mm
Weight: 905,2 kg

ELECTRIC MOTOR:

Power: 45 kW

Rate speed: 1000 rpm
Moment of inertia: n/a kg*m²

AUXILIARIES:
Actuator: n/a Hm

DELIVERY OPTIONS:
Railway: Flatcar: 1 | Open wagon: 0 | Schnabel car: 0

DIMENSIONAL DRAWING:

