

**Name:** MPRF-280-46-2.5-E1-2.2

**Russian name:** БЛ-14-46 №2,5 Ичп.1, 2,2 кВт

**Type:** Medium pressure radial fans

**Notes:** It is recommended to use vibration isolators of CVI-38 type in quantity of 4 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:

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

## AERODYNAMIC PERFORMANCE:

Capacity: 2.6 ths. m<sup>3</sup>

Total pressure: 1850 Pa

Temperature: 200 C

Efficiency: 61-68 %

Dustiness: 0.1 g/m<sup>3</sup>

## DIMENSIONS:

Length: 653 mm

Width: 487 mm

Height: 552 mm

Weight: 34,5 kg

## ELECTRIC MOTOR:

Power: 2,2 kW

Rate speed: 3000 rpm  
Moment of inertia: n/a kg\*m<sup>2</sup>

AUXILIARIES:  
Actuator: n/a Hm

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

DIMENSIONAL DRAWING:

