

**Name:** MPRF-280-46-5-E1-18.5

**Russian name:** ВЛ-14-46 №5 Исп.1, 18,5 кВт

**Type:** Medium pressure radial fans

**Notes:** It is recommended to use vibration isolators of CVI-42 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: 18.3 ths. m<sup>3</sup>  
Total pressure: 2520 Pa  
Temperature: 200 C  
Efficiency: 55-73 %  
Dustiness: 0.1 g/m<sup>3</sup>

## DIMENSIONS:

Length: 1060 mm  
Width: 918 mm  
Height: 949 mm  
Weight: 288 kg

## ELECTRIC MOTOR:

Power: 18,5 kW

Rate speed: 1500 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:

