

**Name:** MPRF-100-45-8.5-E1-15

**Russian name:** ВЛ 5-45 №8,5 ИСП.1, 15 кВт

**Type:** Medium pressure radial fans

**Notes:** It is recommended to use vibration isolators of CVI-42 type in quantity of 6 pcs.



## DESCRIPTION:

Medium pressure radial fans of MPRF-100-45 type are widely used in air ventilation systems, air conditioning and air heating systems of industrial and civil buildings, in pneumatic conveying systems of flour milling plants, 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 these 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> - corrosion-resistant modification (titanium alloys)

## AERODYNAMIC PERFORMANCE:

Capacity: 17.5 ths. m<sup>3</sup>

Total pressure: 3250 Pa

Temperature: 80 C

Efficiency: 66-84 %

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

## DIMENSIONS:

Length: 1078 mm

Width: 1456 mm

Height: 1412 mm

Weight: 572 kg

## ELECTRIC MOTOR:

Power: 15 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:**

