

**Name:** LPRF-80-75-16-E5-45

**Russian name:** ВЛ-4-75 №16 Исп.5, 45 кВт

**Type:** Low pressure radial fans

**Notes:** It is recommended to use vibration isolators of CVI-45 type in quantity of 8 pcs.



## DESCRIPTION:

Low pressure radial fans of LPRF-80-75 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 low pressure fans are manufactured in right-hand and left-hand rotations with backward curved blades. In accordance with the field of application LPRF-80-75 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: 120.0 ths. m<sup>3</sup>

Total pressure: 1350 Pa

Temperature: 80 C

Efficiency: 70-84 %

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

## DIMENSIONS:

Length: 2600 mm

Width: 2910 mm

Height: 2462 mm

Weight: 2760 kg

## ELECTRIC MOTOR:

Power: 45 kW

Rate speed: 1000 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:

