

**Name:** DRF-7-40-5-E1-3

**Russian name:** ВЦП 7-40 №5 Исп.1, 3 кВт

**Type:** Dust-exhaust fans

**Notes:** It is recommended to use vibration isolators of CVI-40 type in quantity of 4 pcs.



## DESCRIPTION:

Dust-exhaust fans of DRF-7-40 type are widely used in general purpose air ventilation systems, in dust-trapping units, in granular material pneumatic conveying systems, in grain processing lines, in dust-loaded air bleed systems within cement and reinforced concrete structure production. Also these fans are used for wood chips and saw-dust removal, for metal dust suction, for slag and dust removal in welding industry and for other industrial and sanitary-engineering purposes. These medium pressure fans are manufactured in right-hand and left-hand rotations with radial 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> - corrosion-resistant modification (titanium alloys)

## AERODYNAMIC PERFORMANCE:

Capacity: 5.0 ths. m<sup>3</sup>

Total pressure: 1020 Pa

Temperature: 80 C

Efficiency: 45-53 %

Dustiness: 600.0 g/m<sup>3</sup>

## DIMENSIONS:

Length: 950 mm

Width: 793 mm

Height: 833 mm

Weight: 120 kg

## ELECTRIC MOTOR:

Power: 3 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:

