

Name: IDF-27.5x2

Russian name: Д-27,5x2

Type: Special purpose ID Fans

Notes: Radial blades



DESCRIPTION:

Double inlet centrifugal ID Fans of this type are used for gas removal from covers of cast-iron and slag trunks of blast-furnace casting yard. It is allowed to install such ID Fans in processing systems for handling nonaggressive gases (The dustiness should be not more than 1 g/m³, abrasion and sticking tendency should be similar to ashed flue gases).

AERODYNAMIC PERFORMANCE:

Capacity: 550.0 ths. m³

Total pressure: 8830 Pa

Temperature: 200 C

Efficiency: 72 %

Dustiness: 0.1 g/m³

DIMENSIONS:

Length: 6165 mm

Width: 5250 mm

Height: 6360 mm

Weight: 31640 kg

ELECTRIC MOTOR:

Power: 2000 kW

Rate speed: 750 rpm

Moment of inertia: 4275 kg*m²

AUXILIARIES:

Actuator: 1600 Hm

DELIVERY OPTIONS:

Railway: Flatcar: 3 | Open wagon: 0 | Schnabel car: 0

DIMENSIONAL DRAWING:

