

Name: MF-180/1100-I

Russian name: BM-180/1100-I

Type: Mill exhaust fans

Notes: Radial blades



DESCRIPTION:

Mill exhaust fans are designed for nonaggressive non-explosive coal dust pneumatic transport into boiler pulverized-coal system. The design of these fans allows installing them after separators, sizers and collectors under the dustiness up to 80 g/m³. It is also allowed to install such Fans in processing systems for handling nonaggressive gases (The dustiness should be not more than 80 g/m³, abrasion and sticking tendency should be similar to air-pulverized-coal mixture). Mill exhaust fans are single inlet centrifugal fans.

AERODYNAMIC PERFORMANCE:

Capacity: 180.0 ths. m³

Total pressure: 14465 Pa

Temperature: 70 C

Efficiency: 72 %

Dustiness: 2.0 g/m³

DIMENSIONS:

Length: 2940 mm

Width: 3480 mm

Height: 3180 mm

Weight: 6 160 kg

ELECTRIC MOTOR:

Power: 1250 kW

Rate speed: 1500 rpm

Moment of inertia: 461 kg*m²

AUXILIARIES:

Actuator: 630 Hm

DELIVERY OPTIONS:

Railway: Flatcar: 1 | Open wagon: 0 | Schnabel car: 0

DIMENSIONAL DRAWING:

