

Name: FDFR-HP-18

Russian name: BBP-18

Type: Special purpose FD Fans

Notes: Radial blades



DESCRIPTION:

High-pressure FD Fans are designed for nonaggressive gases pneumatic transport. These fans are used in gas scrubbing systems and in steam boiler pulverized-coal systems on condition that non-explosive solid fuel is grinded by pressurized ring-mills.

AERODYNAMIC PERFORMANCE:

Capacity: 146.7 ths. m³

Total pressure: 14370 Pa

Temperature: 70 C

Efficiency: 72 %

Dustiness: 80.0 g/m³

DIMENSIONS:

Length: 3380 mm

Width: 3450 mm

Height: 3190 mm

Weight: 5 850 kg

ELECTRIC MOTOR:

Power: 1000 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:

