

Name: FDFB-HP-17

Russian name: ВВДН-17

Type: Single inlet centrifugal high pressure FD fans

Notes: Backward curved 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-roll mills.

AERODYNAMIC PERFORMANCE:

Capacity: 51.0 ths. m³

Total pressure: 11770 Pa

Temperature: 200 C

Efficiency: 82 %

Dustiness: 0.1 g/m³

DIMENSIONS:

Length: 2293 mm

Width: 2956 mm

Height: 2582 mm

Weight: 2684 kg

ELECTRIC MOTOR:

Power: 250 kW

Rate speed: 1500 rpm

Moment of inertia: 175 kg*m²

AUXILIARIES:

Actuator: 630 Hm

DELIVERY OPTIONS:

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

DIMENSIONAL DRAWING:

