

**Name:** FDFB-HP-15

**Russian name:** ВВДН-15

**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-mills.

## AERODYNAMIC PERFORMANCE:

Capacity: 36.0 ths. m<sup>3</sup>

Total pressure: 9060 Pa

Temperature: 200 C

Efficiency: 82 %

Dustiness: 0.1 g/m<sup>3</sup>

## DIMENSIONS:

Length: 2250 mm

Width: 2640 mm

Height: 2300 mm

Weight: 2400 kg

## ELECTRIC MOTOR:

Power: 132 kW

Rate speed: 1500 rpm

Moment of inertia: 105 kg\*m<sup>2</sup>

## AUXILIARIES:

Actuator: 630 Hm

## DELIVERY OPTIONS:

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

## DIMENSIONAL DRAWING:

