

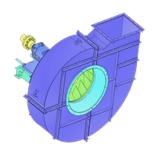


Name: FDFB-26-F

Russian name: ВДН-26Ф

**Type:** Single inlet centrifugal FD fans of FDFB type

Notes: Backward curved blades



## **DESCRIPTION:**

Single inlet centrifugal FD Fans are used for air delivery into combustion chambers of boilers with the capacity of 2.5- 950 t/h operating with balanced draft (secondary blast). It is allowed to use these fans in processing systems to handle air with the temperature not more than 70 °C. Single inlet centrifugal FD Fans can have right-hand or left-hand rotational direction. The right-hand rotation is in a clockwise order and it should be defined at electric motor side. The main units of Single inlet centrifugal FD Fan are: running wheel, running gear, scroll casing, inlet bell and axial guide vanes. The blades of impeller are backward curved.

#### **AERODYNAMIC PERFORMANCE:**

Capacity: 375.0 ths. m3 Total pressure: 5750 Pa Temperature: 100 C Efficiency: 87 %

Dustiness: 0.1 g/m3

#### **DIMENSIONS:**

Length: 4230 mm Width: 5930 mm Height: 4910 mm Weight: 8750 kg

### **ELECTRIC MOTOR:**

Power: 800 kW

Rate speed: 750 rpm

Moment of inertia: 1594 kg\*m2

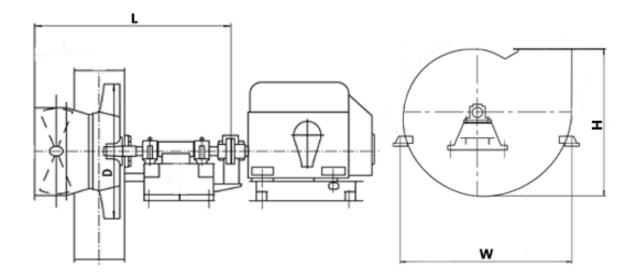
AUXILIARIES:
Actuator: 630 Hm



**DELIVERY OPTIONS:** 

Railway: Flatcar: 2 | Open wagon: 0 | Schnabel car: 0

# **DIMENSIONAL DRAWING:**



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