

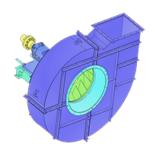
# FDFB-15-RG-1000

Name: FDFB-15-RG-1000

Russian name: ВДН-15X-1000

**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 blades of impeller are backward curved.

#### **AERODYNAMIC PERFORMANCE:**

Capacity: 51.0 ths. m3 Total pressure: 3930 Pa

Temperature: 30 C Efficiency: 84 % Dustiness: 0.1 g/m3

#### **DIMENSIONS:**

Length: 3595 mm Width: 2710 mm Height: 2220 mm Weight: 2850 kg

#### **ELECTRIC MOTOR:**

Power: 75 kW

Rate speed: 1000 rpm

Moment of inertia: 102,5 kg\*m2

AUXILIARIES: Actuator: 630 Hm

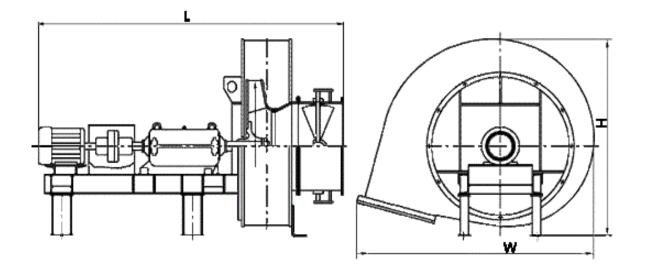
#### **DELIVERY OPTIONS:**

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

## **DIMENSIONAL DRAWING:**



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