

# FDFB-28x2-I

Name: FDFB-28x2-I

Russian name: ВДН-28X2-I

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

Notes: Backward curved blades



# **DESCRIPTION:**

Double inlet centrifugal FD Fans are designed for air delivery into combustion chambers of pressure-fired boilers with the capacity of up to 2500 t/h. High-pressure FD Fans overcome full resistance of air-gas flow path. Double 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: 720.0 ths. m3 Total pressure: 12300 Pa

Temperature: 100 C Efficiency: 87 % Dustiness: 0.1 g/m3

#### **DIMENSIONS:**

Length: 7400 mm Width: 6300 mm Height: 6250 mm Weight: 35 100 kg

# **ELECTRIC MOTOR:**

Power: 3000 kW

Rate speed: 1000 rpm

Moment of inertia: 4600 kg\*m2

**AUXILIARIES:** 

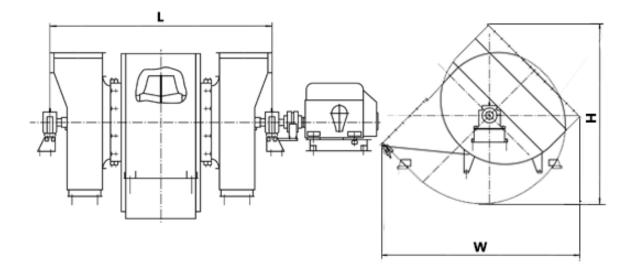
Actuator: 1600 HM

## **DELIVERY OPTIONS:**

Railway: Flatcar: 4 | Open wagon: 0 | Schnabel car: 0



# **DIMENSIONAL DRAWING:**



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