



Name: FDFB-25x2

Russian name: ВДН-25X2

**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: 520.0 ths. m3 Total pressure: 7845 Pa Temperature: 100 C Efficiency: 87 % Dustiness: 0.1 g/m3

DIMENSIONS:

Length: 6916 mm Width: 4450 mm Height: 5235 mm Weight: 24 900 kg

## **ELECTRIC MOTOR:**

Power: 1600 kW

Rate speed: 1000 rpm

Moment of inertia: 2250 kg\*m2

**AUXILIARIES:** 

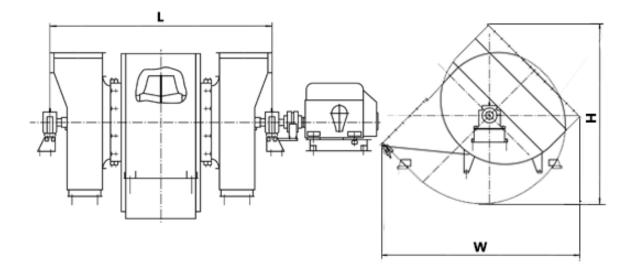
Actuator: 1600 HM

**DELIVERY OPTIONS:** 

Railway: Flatcar: 3 | Open wagon: 0 | Schnabel car: 0



## **DIMENSIONAL DRAWING:**



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