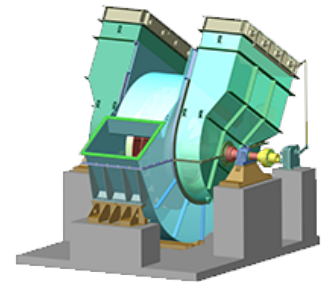


**Name:** FDFB-25x2-II

**Russian name:** ВДН-25x2-II

**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: 500.0 ths. m<sup>3</sup>  
Total pressure: 10400 Pa  
Temperature: 100 C  
Efficiency: 88 %  
Dustiness: 0.1 g/m<sup>3</sup>

## DIMENSIONS:

Length: 6892 mm  
Width: 4820 mm  
Height: 6020 mm  
Weight: 25 100 kg

## ELECTRIC MOTOR:

Power: 2000 kW  
Rate speed: 1000 rpm  
Moment of inertia: 2750 kg\*m<sup>2</sup>

## AUXILIARIES:

Actuator: 1600 Hm

## DELIVERY OPTIONS:

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

DIMENSIONAL DRAWING:

