

**Name:** FDFB-28x2-I

**Russian name:** ВДН-28Х2-І

**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. m<sup>3</sup>

Total pressure: 12300 Pa

Temperature: 100 C

Efficiency: 87 %

Dustiness: 0.1 g/m<sup>3</sup>

## 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\*m<sup>2</sup>

## AUXILIARIES:

Actuator: 1600 Hm

## DELIVERY OPTIONS:

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

DIMENSIONAL DRAWING:

