

**Name:** FDF-18

**Russian name:** ВД-18

**Type:** Single inlet centrifugal forced flow fans

**Notes:** Forward curved blades



## DESCRIPTION:

Single inlet forced-flow fan are intended to be used for air delivery into combustion chamber of boilers. The main parts of such type of fans are: running wheel, guide vanes, scroll case, inlet bell, electric motor, base.

## AERODYNAMIC PERFORMANCE:

Capacity: 97.0 ths. m<sup>3</sup>

Total pressure: 4700 Pa

Temperature: 30 C

Efficiency: 70 %

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

## DIMENSIONS:

Length: 2921 mm

Width: 2751 mm

Height: 3050 mm

Weight: 4300 kg

## ELECTRIC MOTOR:

Power: 200 kW

Rate speed: 750 rpm

Moment of inertia: 328 kg\*m<sup>2</sup>

## AUXILIARIES:

Actuator: 630 Hm

## DELIVERY OPTIONS:

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

## DIMENSIONAL DRAWING:

