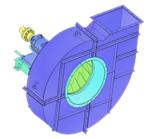


FDFB-19

## Name: FDFB-19 Russian name: BДH-19 Type: Single inlet centrifugal FD fans of FDFB type Notes: Backward curved blades



DESCRIPTION:

Single inlet centrifugal FD Fans are used for air delivery into combustion chambers of boilers with the capacity of 2.5- 950 t/h operating with balanced draft (secondary blast). It is allowed to use these fans in processing systems to handle air with the temperature not more than 70 °C. Single 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 main units of Single inlet centrifugal FD Fan are: running wheel, running gear, scroll casing, inlet bell and axial guide vanes. The blades of impeller are backward curved.

AERODYNAMIC PERFORMANCE:

Capacity: 128.0 ths. m3 Total pressure: 5862 Pa Temperature: 100 C Efficiency: 85 % Dustiness: 0.1 g/m3

DIMENSIONS:

Length: 3070 mm Width: 3290 mm Height: 2780 mm Weight: 4510 kg

ELECTRIC MOTOR:

Power: 315 kW Rate speed: 1000 rpm Moment of inertia: 350 kg\*m2

AUXILIARIES: Actuator: 630 Нм



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

DIMENSIONAL DRAWING:

