

Name: IDFB-10-1000

Russian name: ДН-10-1000

Type: Single inlet centrifugal ID fans of IDFB type

Notes: Backward curved blades. Running wheel on the electric motor shaft.

DESCRIPTION:

Single inlet centrifugal ID Fans are intended to be used for flue gas removal from combustion chambers of solid fuel or gas-and-oil-fired boilers equipped with dry ash catchers. It is allowed to install such ID Fans in processing systems for handling compatible gases (The dustiness should be not more than 2 g/m³, abrasion and sticking tendency should be similar to ashed flue gases). Such ID Fans can be applied for single or serial-parallel operation. Double inlet centrifugal ID 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: 13.6 ths. m³

Total pressure: 990 Pa

Temperature: 200 C

Efficiency: 83 %

Dustiness: 2.0 g/m³

DIMENSIONS:

Length: 1288 mm

Width: 1825 mm

Height: 1485 mm

Weight: 663 kg

ELECTRIC MOTOR:

Power: 11 kW

Rate speed: 1000 rpm

Moment of inertia: 13,62 kg*m²

AUXILIARIES:

Actuator: 100 Hm

DELIVERY OPTIONS:

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

DIMENSIONAL DRAWING: