

IDFB-12.5-1000

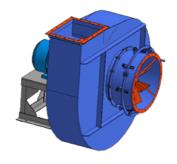
Name: IDFB-12.5-1000

Russian name: ДН-12,5-1000

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: 26.6 ths. m3 Total pressure: 1550 Pa Temperature: 200 C Efficiency: 83 %

Dustiness: 2.0 g/m3

DIMENSIONS:

Length: 1626 mm Width: 2236 mm Height: 2040 mm Weight: 1150 kg

ELECTRIC MOTOR:

Power: 30 kW

Rate speed: 1000 rpm

Moment of inertia: 35,12 kg*m2

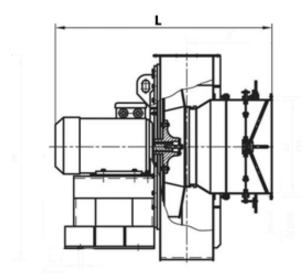
AUXILIARIES: Actuator: 250 Hm

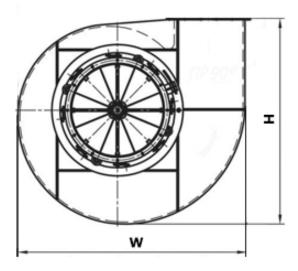


DELIVERY OPTIONS:

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

DIMENSIONAL DRAWING:





Page 2/2 Tel.: +7 (3852) 390 - 530 info@russol.org