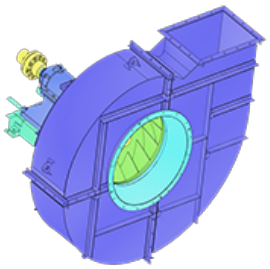
IDFB-12.5-C

Name: IDFB-12.5-C
Russian name: ДН-12,5
Type: Single inlet centrifugal ID fans of IDFB type
Notes: Backward curved blades



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 main units of Single inlet centrifugal ID Fan are: running wheel, running gear, scroll casing, inlet bell and axial guide vanes. The blades of impeller are backward curved.

AERODYNAMIC PERFORMANCE:

Capacity: 77.6 ths. m3
Total pressure: 7160 Pa
Temperature: 250 C
Efficiency: 85 %
Dustiness: 2.0 g/m3

DIMENSIONS:

Length: 2081 mm
Width: 2058 mm
Height: 1939 mm
Weight: 1313 kg

ELECTRIC MOTOR:

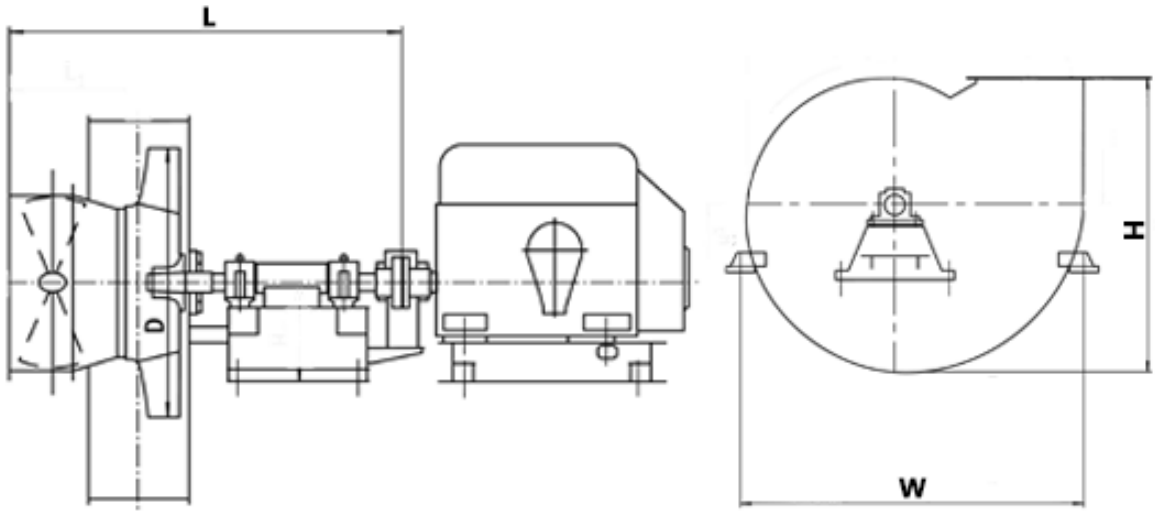
Power: 200 kW
Rate speed: 1500 rpm
Moment of inertia: 37 kg*m2

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

AUXILIARIES:
Actuator: 250 Нм

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

DIMENSIONAL DRAWING:



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