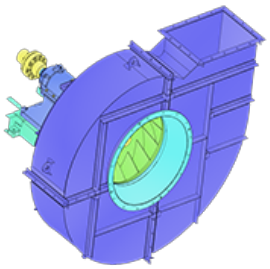
www.russol.org

IDFB-9-RG-1000

Name: IDFB-9-RG-1000
Russian name: ДН-9Х-1000
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 blades of impeller are backward curved.

AERODYNAMIC PERFORMANCE:

Capacity: 9.9 ths. m3
Total pressure: 800 Pa
Temperature: 200 C
Efficiency: 83 %
Dustiness: 2.0 g/m3

DIMENSIONS:

Length: 2200 mm
Width: 1647 mm
Height: 1345 mm
Weight: 737 kg

ELECTRIC MOTOR:

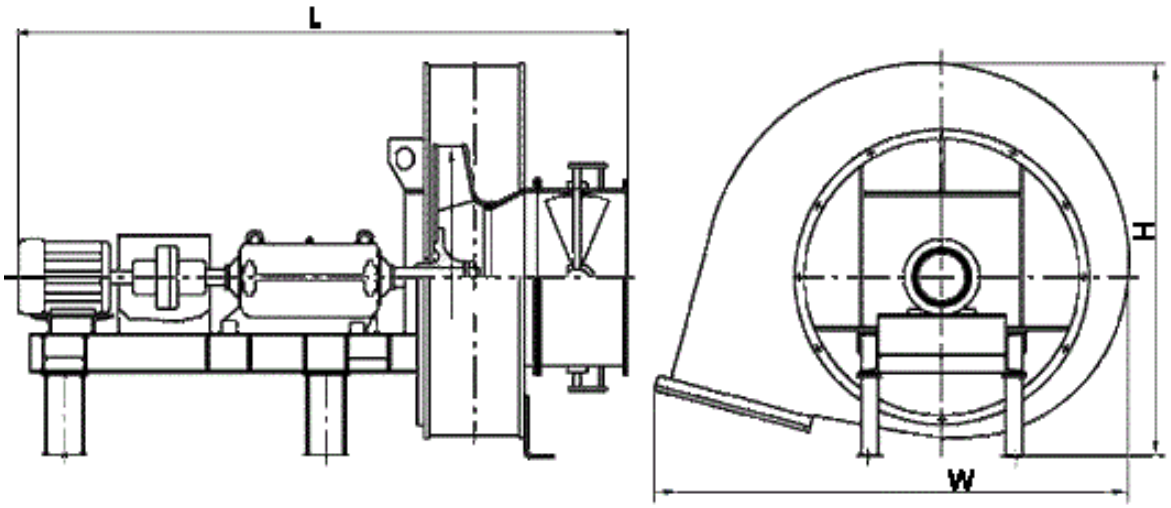
Power: 11 kW
Rate speed: 1000 rpm
Moment of inertia: 9,15 kg*m2

AUXILIARIES:
Actuator: 100 Нм

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

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

DIMENSIONAL DRAWING:



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