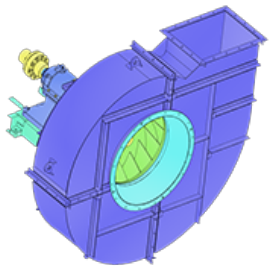
IDF-H-20-500-N-F-C

Name: IDF-H-20-500-N-F-C
Russian name: ГД-20-500УФК
Type: Single inlet centrifugal hot-blast ID fans
Notes: Forward curved blades



DESCRIPTION:

Single inlet centrifugal hot-blast ID Fans are designed for flue gases recirculation in solid fuel or gas-and-oil-fired boilers. It is allowed to use such hot-blast fans for removal hot and dust-loaded gases from furnaces in pelletized ore production, ferrous metallurgy and sintering plants. In view of operation under high temperature these fans are made of heat-resistant steel. Single inlet centrifugal hot-blast 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 these Fans are: running wheel, running gear, scroll casing, inlet bell and axial guide vanes.

AERODYNAMIC PERFORMANCE:

Capacity: 195.0 ths. m3
Total pressure: 6000 Pa
Temperature: 400 C
Efficiency: 73 %
Dustiness: 1.0 g/m3

DIMENSIONS:

Length: 2992 mm
Width: 3430 mm
Height: 3050 mm
Weight: 5700 kg

ELECTRIC MOTOR:

Power: 500 kW
Rate speed: 1000 rpm
Moment of inertia: 670 kg*m2

AUXILIARIES:
Actuator: 630 Нм

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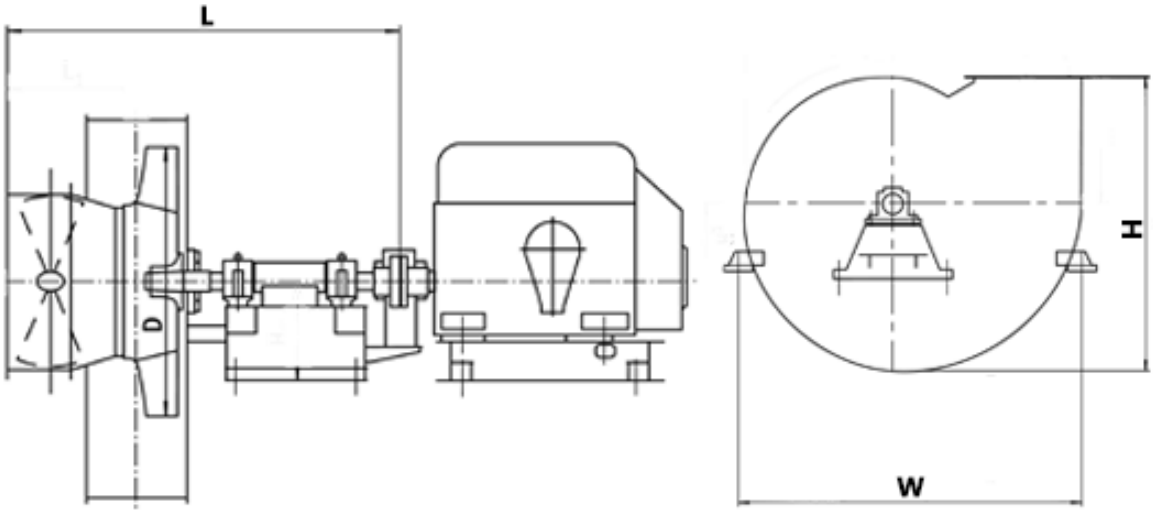
DELIVERY OPTIONS:
Railway: Flatcar: 1 | Open wagon: 0 | Schnabel car: 0

DIMENSIONAL DRAWING:



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