

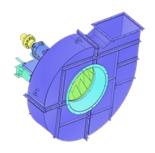
IDFB-22-1000-F-C-LD

Name: IDFB-22-1000-F-C-LD

Russian name: ДН-22ПКШ-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 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: 220.0 ths. m3 Total pressure: 5750 Pa Temperature: 250 C Efficiency: 84 %

Dustiness: 2.0 g/m3

DIMENSIONS:

Length: 3133 mm Width: 4286 mm Height: 3520 mm Weight: 5973 kg

ELECTRIC MOTOR:

Power: 450 kW

Rate speed: 1000 rpm

Moment of inertia: 840 kg*m2

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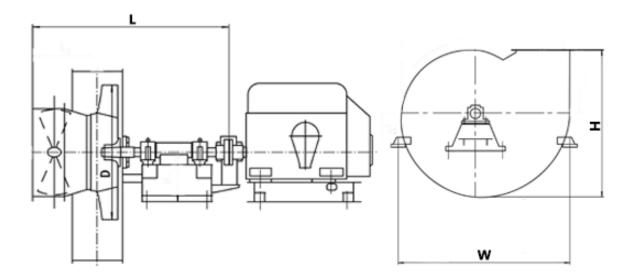


AUXILIARIES: Actuator: 630 Hm

DELIVERY OPTIONS:

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

DIMENSIONAL DRAWING:



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