

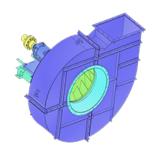
# IDFB-22-1000

Name: IDFB-22-1000

Russian name: ДН-22-1000

**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: 4386 mm Height: 3428 mm Weight: 5880 kg

#### **ELECTRIC MOTOR:**

Power: 500 kW

Rate speed: 1000 rpm

Moment of inertia: н/д kg\*m2

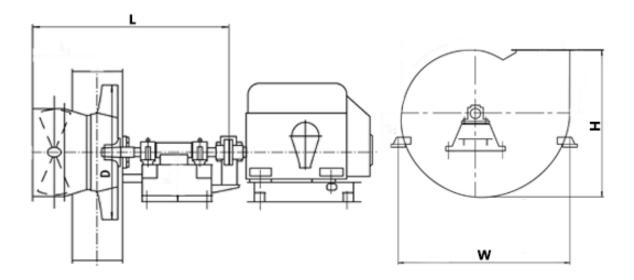


AUXILIARIES: Actuator: 630 Hm

**DELIVERY OPTIONS:** 

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

## **DIMENSIONAL DRAWING:**



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