

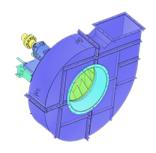
# IDFB-8-RG-1500

Name: IDFB-8-RG-1500

Russian name: ДН-8X-1500

**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: 10.5 ths. m3 Total pressure: 1430 Pa Temperature: 200 C Efficiency: 83 %

Dustiness: 2.0 g/m3

#### **DIMENSIONS:**

Length: 2160 mm Width: 1470 mm Height: 1265 mm Weight: 681 kg

#### **ELECTRIC MOTOR:**

Power: 15 kW

Rate speed: 1500 rpm

Moment of inertia: 6,65 kg\*m2

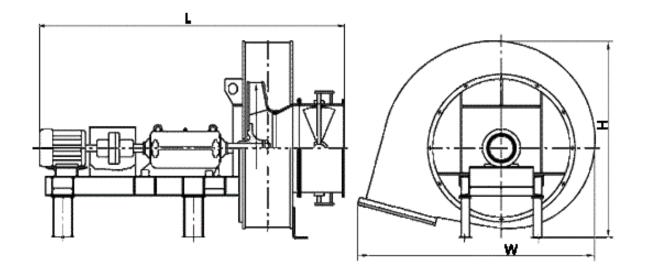
AUXILIARIES: Actuator: 100 Hm



**DELIVERY OPTIONS:** 

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

## **DIMENSIONAL DRAWING:**



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