

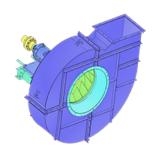
# IDFB-10-RG-1500

Name: IDFB-10-RG-1500

Russian name: ДН-10X-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: 20.4 ths. m3 Total pressure: 2230 Pa Temperature: 200 C Efficiency: 83 %

Dustiness: 2.0 g/m3

#### **DIMENSIONS:**

Length: 2630 mm Width: 1825 mm Height: 1525 mm Weight: 1040 kg

#### **ELECTRIC MOTOR:**

Power: 30 kW

Rate speed: 1500 rpm

Moment of inertia: 13,62 kg\*m2

AUXILIARIES: Actuator: 100 Hm

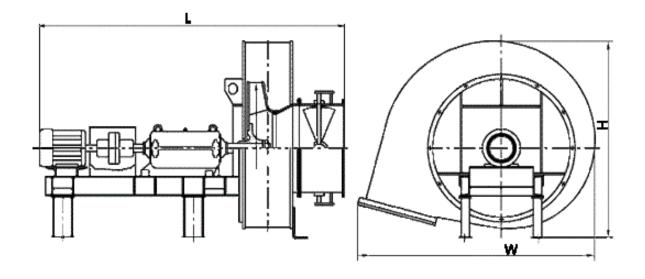
Page 1/2 Tel.: +7 (3852) 390 - 530



**DELIVERY OPTIONS:** 

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

## **DIMENSIONAL DRAWING:**



Page 2/2 Tel.: +7 (3852) 390 - 530