

# IDFB-29.5x2-C-LD

Name: IDFB-29.5x2-C-LD

Russian name: ДН-29,5X2KШ

**Type:** Double inlet centrifugal ID fans of IDFB type

Notes: Backward curved blades



#### **DESCRIPTION:**

Double 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 with the capacity of up to 480 t/h 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 Double inlet centrifugal ID Fan are: running wheel, running gear, scroll casing, two inlet boxes and two guide vanes. The blades of impeller are backward

#### **AERODYNAMIC PERFORMANCE:**

Capacity: 1221.6 ths. m3 Total pressure: 2383 Pa Temperature: 250 C Efficiency: 85 %

Dustiness: 2.0 g/m3

#### **DIMENSIONS:**

Length: 8245 mm Width: 7065 mm Height: 6459 mm Weight: 35967 kg

### **ELECTRIC MOTOR:**

Power: 1250 kW

Rate speed: 750 rpm

Moment of inertia: 5200 kg\*m2

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



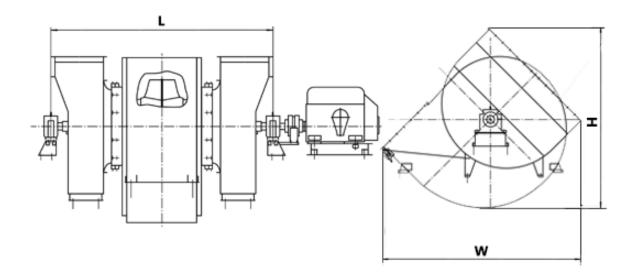
**AUXILIARIES:** 

Actuator: 4000 HM

**DELIVERY OPTIONS:** 

Railway: Flatcar: 4 | Open wagon: 0 | Schnabel car: 0

## **DIMENSIONAL DRAWING:**



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