

# IDF-20x2-OG

Name: IDF-20x2-OG

Russian name: Д-20X2ГМ

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

Notes: Forward curved blades



### **DESCRIPTION:**

High-pressure single and double inlet ID Fans with forward-curved blades are designed for flue gas removal from combustion chambers of steam boilers with the capacity of up to 640 t/h with increased resistance of flue gas path. It is also 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). Also these fans are recommended to handle gases containing trace elements with sticking tendency. High-pressure single and double inlet 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.

## **AERODYNAMIC PERFORMANCE:**

Capacity: 245.0 ths. m3 Total pressure: 5070 Pa Temperature: 250 C Efficiency: 72 %

Dustiness: 2.0 g/m3

#### **DIMENSIONS:**

Length: 5010 mm Width: 4420 mm Height: 3860 mm Weight: 9066 kg

#### **ELECTRIC MOTOR:**

Power: 630 kW

Rate speed: 750 rpm

Moment of inertia: 1125 kg\*m2

#### **AUXILIARIES:**

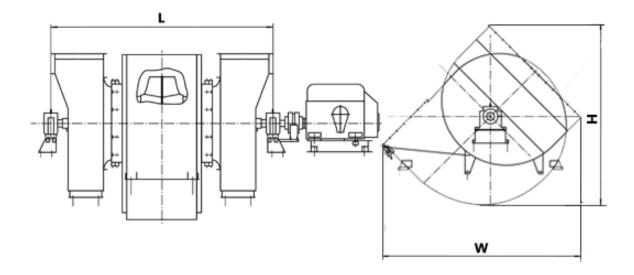


Actuator: 1600 Нм

**DELIVERY OPTIONS:** 

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

# **DIMENSIONAL DRAWING:**



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