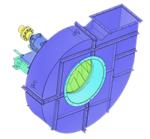


IDF-18

Name: IDF-18 Russian name: Д-18 Type: Single 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: 106.0 ths. m3 Total pressure: 4023 Pa Temperature: 250 C Efficiency: 72 % Dustiness: 2.0 g/m3

DIMENSIONS:

Length: 3120 mm Width: 3130 mm Height: 2780 mm Weight: 4260 kg

ELECTRIC MOTOR:

Power: 200 kW Rate speed: 750 rpm Moment of inertia: 385 kg*m2

AUXILIARIES:



Actuator: 630 Нм

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

DIMENSIONAL DRAWING:

