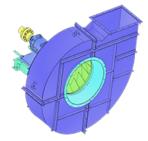




Name: IDFB-17-RG-1000 Russian name: ДН-17X-1000 Type: Single inlet centrifugal ID fans of IDFB type Notes: Backward curved blades



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 main units of Single inlet centrifugal ID Fan are: running wheel, running gear, scroll casing, inlet bell and axial guide vanes. The blades of impeller are backward curved.

AERODYNAMIC PERFORMANCE:

Capacity: 74.3 ths. m3 Total pressure: 3240 Pa Temperature: 200 C Efficiency: 84 % Dustiness: 2.0 g/m3

DIMENSIONS:

Length: 3437 mm Width: 2795 mm Height: 2513 mm Weight: 3445 kg

ELECTRIC MOTOR:

Power: 160 kW Rate speed: 1000 rpm Moment of inertia: 167,5 kg*m2



AUXILIARIES: Actuator: 630 Нм

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

DIMENSIONAL DRAWING:

