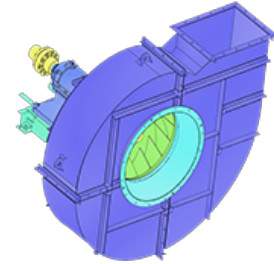


Name: FDF-S-15
Russian name: BC-15
Type: Special purpose FD Fans
Notes: Backward curved blades



DESCRIPTION:

Centrifugal ID Fans made of stainless steel are designed for removal of sulfur-containing and dust-loaded flue gases from metallurgical concentrate furnaces widely used in nonferrous metallurgy, chemical industry and fertilizer manufacturing. The handling gases should contain up to 11% of SO₂ under 40°C temperature and dustiness not more than 2 g/m³. In view of high aggressivity of handling flue gases such ID Fans are manufactured in corrosion-resistant design. The ID Fans of this modification have no inlet boxes. The blades of impeller are backward curved.

AERODYNAMIC PERFORMANCE:

Capacity: 37.5 ths. m³
Total pressure: 3678 Pa
Temperature: 40 C
Efficiency: 80 %
Dustiness: 0.1 g/m³

DIMENSIONS:

Length: 3174 mm
Width: 2833 mm
Height: 2280 mm
Weight: 1800 kg

ELECTRIC MOTOR:

Power: 75 kW
Rate speed: 1000 rpm
Moment of inertia: 90 kg*m²

AUXILIARIES:

Actuator: 630 Hm

DELIVERY OPTIONS:

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

DIMENSIONAL DRAWING:

