

Name: IDFB-19-SS

Russian name: ДН-19НЖ

Type: Special purpose ID 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: 105.0 ths. m³

Total pressure: 2648 Pa

Temperature: 400 C

Efficiency: 85 %

Dustiness: 1.0 g/m³

DIMENSIONS:

Length: 3168 mm

Width: 3610 mm

Height: 3840 mm

Weight: 4130 kg

ELECTRIC MOTOR:

Power: 110 kW

Rate speed: 1000 rpm

Moment of inertia: 390 kg*m²

AUXILIARIES:

Actuator: 630 Hm

DELIVERY OPTIONS:

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

DIMENSIONAL DRAWING:

