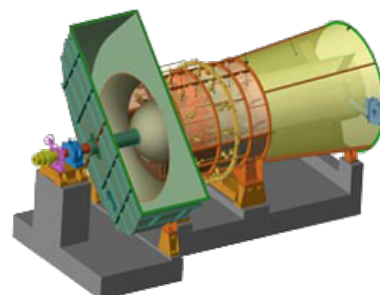


**Name:** IDF-DSA-41

**Russian name:** ДОД-41

**Type:** Two-stage axial ID fans

**Notes:** Hot-stamped blades from wedge steel billets



## DESCRIPTION:

Two-stage axial ID fans are designed for flue gas removal from combustion chambers of solid fuel and gas-and-oil-fired boilers with the capacity of 640-2650 t/h. These fans are geared for continuous operation indoors and outdoors. The main units of double-stage axial ID fan are: two running wheels, running gear, casing, inlet box, diffuser, two guide vanes, straightener and supports.

## AERODYNAMIC PERFORMANCE:

Capacity: 1080.0 ths. m<sup>3</sup>

Total pressure: 3138 Pa

Temperature: 200 C

Efficiency: 82,5 %

Dustiness: 0.5 g/m<sup>3</sup>

## DIMENSIONS:

Length: 14800 mm

Width: 9500 mm

Height: 9500 mm

Weight: 94 300 kg

## ELECTRIC MOTOR:

Power: 1250 kW

Rate speed: 375 rpm

Moment of inertia: 22500 kg\*m<sup>2</sup>

## AUXILIARIES:

Actuator: 10000 Hm

## DELIVERY OPTIONS:

Railway: Flatcar: 6 | Open wagon: 1 | Schnabel car: 1

DIMENSIONAL DRAWING:

