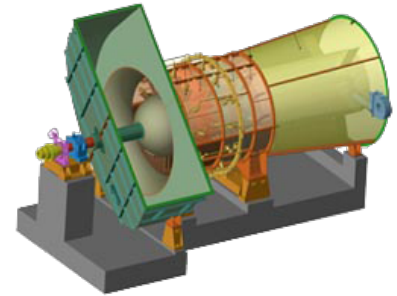


**Name:** IDF-DSA-28.5  
**Russian name:** ДОД-28,5  
**Type:** Two-stage axial ID fans  
**Notes:** Hot-stamped blades from wedge steel billets



## 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: 585.0 ths. m<sup>3</sup>  
Total pressure: 3766 Pa  
Temperature: 200 C  
Efficiency: 82,5 %  
Dustiness: 0.5 g/m<sup>3</sup>

## DIMENSIONS:

Length: 10830 mm  
Width: 6260 mm  
Height: 6410 mm  
Weight: 46100 kg

## ELECTRIC MOTOR:

Power: 800 kW  
Rate speed: 600 rpm  
Moment of inertia: 5000 kg\*m<sup>2</sup>

## AUXILIARIES:

Actuator: 4000 Hm

## DELIVERY OPTIONS:

Railway: Flatcar: 3 | Open wagon: 1 | Schnabel car: 0

DIMENSIONAL DRAWING:

