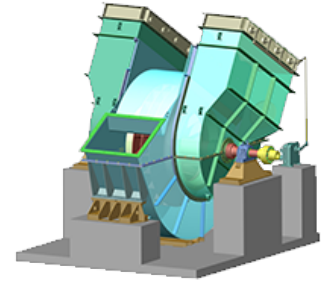


**Name:** IDF-27.5x2  
**Russian name:** Д-27,5x2  
**Type:** Special purpose ID Fans  
**Notes:** Radial blades



## DESCRIPTION:

Double inlet centrifugal ID Fans of this type are used for gas removal from covers of cast-iron and slag trunks of blast-furnace casting yard. It is allowed to install such ID Fans in processing systems for handling nonaggressive gases (The dustiness should be not more than 1 g/m<sup>3</sup>, abrasion and sticking tendency should be similar to ashed flue gases).

## AERODYNAMIC PERFORMANCE:

Capacity: 550.0 ths. m<sup>3</sup>  
Total pressure: 8830 Pa  
Temperature: 200 C  
Efficiency: 72 %  
Dustiness: 0.1 g/m<sup>3</sup>

## DIMENSIONS:

Length: 6165 mm  
Width: 5250 mm  
Height: 6360 mm  
Weight: 31640 kg

## ELECTRIC MOTOR:

Power: 2000 kW  
Rate speed: 750 rpm  
Moment of inertia: 4275 kg\*m<sup>2</sup>

## AUXILIARIES:

Actuator: 1600 Hm

## DELIVERY OPTIONS:

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

DIMENSIONAL DRAWING:

