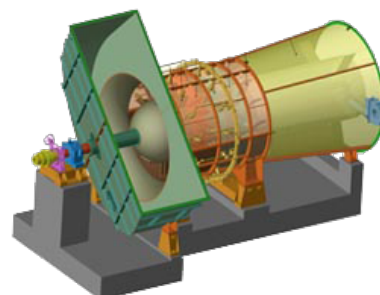


**Name:** FDF-DSA-31.5-DB  
**Russian name:** ВДОД-31,5-С  
**Type:** Two-stage axial FD Fan  
**Notes:** Detachable blades



## DESCRIPTION:

Two-stage axial FD Fans are used for air delivery into combustion chambers of boilers with the capacity of up to 2650 t/h operating with balanced draft (secondary blast). These fans meet the parameters of boiler air path provided the installing two fans of such type for one boiler. All of such fans have left-hand rotational direction. The left-hand rotation is counterclockwise and it should be defined at electric motor side.

## AERODYNAMIC PERFORMANCE:

Capacity: 900.0 ths. m<sup>3</sup>  
Total pressure: 5310 Pa  
Temperature: 100 C  
Efficiency: 84 %  
Dustiness: 0.5 g/m<sup>3</sup>

## DIMENSIONS:

Length: 11630 mm  
Width: 6370 mm  
Height: 7010 mm  
Weight: 49 000 kg

## ELECTRIC MOTOR:

Power: 2000 kW  
Rate speed: 600 rpm  
Moment of inertia: 6130 kg\*m<sup>2</sup>

## AUXILIARIES:

Actuator: 10000 Hm

## DELIVERY OPTIONS:

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

DIMENSIONAL DRAWING:

