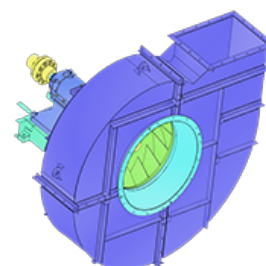


**Name:** FDFR-HP-18  
**Russian name:** BBP-18  
**Type:** Special purpose FD Fans  
**Notes:** Radial blades



## DESCRIPTION:

High-pressure FD Fans are designed for nonaggressive gases pneumatic transport. These fans are used in gas scrubbing systems and in steam boiler pulverized-coal systems on condition that non-explosive solid fuel is grinded by pressurized ring-mills.

## AERODYNAMIC PERFORMANCE:

Capacity: 146.7 ths. m<sup>3</sup>  
Total pressure: 14370 Pa  
Temperature: 70 C  
Efficiency: 72 %  
Dustiness: 80.0 g/m<sup>3</sup>

## DIMENSIONS:

Length: 3380 mm  
Width: 3450 mm  
Height: 3190 mm  
Weight: 5 850 kg

## ELECTRIC MOTOR:

Power: 1000 kW  
Rate speed: 1500 rpm  
Moment of inertia: 461 kg\*m<sup>2</sup>

## AUXILIARIES:

Actuator: 630 Hm

## DELIVERY OPTIONS:

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

## DIMENSIONAL DRAWING:

