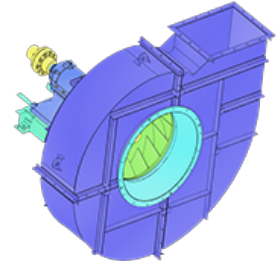


**Name:** FDF-HP-18  
**Russian name:** BBH-18  
**Type:** Special purpose FD Fans  
**Notes:** Backward curved blades



## DESCRIPTION:

Mill exhaust fans are designed for nonaggressive non-explosive coal dust pneumatic transport into boiler pulverized-coal system. The design of these fans allows installing them after separators, sizers and collectors under the dustiness up to 80 g/m<sup>3</sup>. It is also allowed to install such Fans in processing systems for handling nonaggressive gases (The dustiness should be not more than 80 g/m<sup>3</sup>, abrasion and sticking tendency should be similar to air-pulverized-coal mixture). Mill exhaust fans are single inlet centrifugal fans.

## AERODYNAMIC PERFORMANCE:

Capacity: 110.0 ths. m<sup>3</sup>  
Total pressure: 10800 Pa  
Temperature: 70 C  
Efficiency: 80 %  
Dustiness: 10.0 g/m<sup>3</sup>

## DIMENSIONS:

Length: 3120 mm  
Width: 3120 mm  
Height: 2760 mm  
Weight: 4 560 kg

## ELECTRIC MOTOR:

Power: 500 kW  
Rate speed: 1500 rpm  
Moment of inertia: 250 kg\*m<sup>2</sup>

## AUXILIARIES:

Actuator: 630 Hm

## DELIVERY OPTIONS:

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

DIMENSIONAL DRAWING:

