

**Name:** FDFB-H-21-M

**Russian name:** ВГДН-21М

**Type:** Single inlet centrifugal hot-blast FD fans

**Notes:** Backward curved blades



## DESCRIPTION:

Hot-blast FD Fans are widely used in the drying, fuel handling systems and processing lines of metallurgical and other industries. Their running wheels are made of hot-working steel and equipped with running gear shaft cooling system.

## AERODYNAMIC PERFORMANCE:

Capacity: 142.0 ths. m<sup>3</sup>

Total pressure: 3217 Pa

Temperature: 400 C

Efficiency: 85 %

Dustiness: 0.1 g/m<sup>3</sup>

## DIMENSIONS:

Length: 3210 mm

Width: 3930 mm

Height: 3080 mm

Weight: 4 700 kg

## ELECTRIC MOTOR:

Power: 160 kW

Rate speed: 1000 rpm

Moment of inertia: 550 kg\*m<sup>2</sup>

## AUXILIARIES:

Actuator: 630 Hm

## DELIVERY OPTIONS:

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

## DIMENSIONAL DRAWING:

