

Rotary feeders RTA

The rotary feeder RTA (hereinafter referred to as feeder) is designed for the transport of loose, non-adhesive and non-combustible powder materials from the hoppers of precipitators and filters.

Description

The feeder consists of a welded cylindrical casing, a rotor with sealing bars and a worm gear unit with a motor. The rotor is mounted in rolling-contact bearings with a permanent filling of grease.

The casing is fitted with sealed covers on both faces, in the top and bottom parts there are flanges for the attachment of the connected devices. There are inspection covers on both sides of the casing.

Operating conditions

The feeders are designed for closing of hoppers and containers, operating at underpressure or overpressure of up to 5 kPa and at the hopper area temperature of max. 250°C. The feeder may be used in working environment with the maximum temperature of +40°C.

Designation

Rotary feeder is designated:

RTA size / voltage specification

Example of designation with size of flange 315x315 mm and voltage 400 V:

RTA 315 / 400 V

Other specifications:

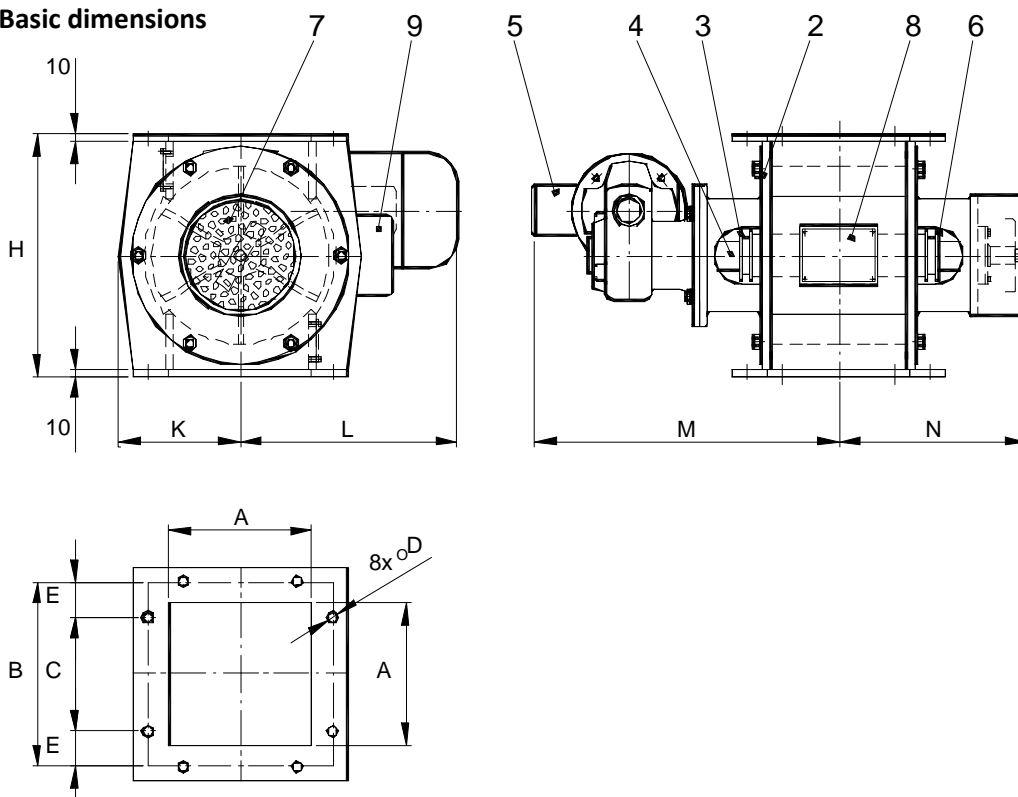
Finish undercoat

Finish undercoat + topcoat with RAL color

Preparing for speed sensor (specify size of the hole)

Technical data
Dimensions and weights

Feeder size	A	B	C	D	E	H	K	L	M	N	Weight [kg]
RTA 200	200	260	160	15	50	340	170	382	452	270	104,9
RTA 250	250	310	160	15	75	340	175	382	474	291	117,7
RTA 315	315	385	200	19	92,5	420	218	382	510	324	175,7

Basic dimensions


1. Casing
2. Cover of the gear units
3. Bearing cover
4. Rotor
5. Gear box unit
6. Packing
7. Cover of the switch
8. Identification plate
9. Overcurrent breaker

Output parameters

Feeder size [mm]	Transported volume at 100% feeding [m ³ /hour]	Rotor diameter [mm]	Rotor speed [1/min]	Motor power input [kW]	Type of worm gear unit NORD
RTA 200	10	250	23	0,75	SK 12063AZ - 80L/4
RTA 250	13				
RTA 315	27	315			

Valid from: 5.2.2014

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