

ROTARY VALVES BRV-N.

The BRV-N rotary valves (air-locks) series are designed for as an out feeding unit from filter or cyclone. The rotary valve can handle dry dust, chips, powder and granules, are available in four types of BRV-N.

CONSTRUCTION

It is a welded construction in 3 mm steel plate, the rotor house powder coated as standard RAL 5010. The rotor is separated from the rotor house with rubber gaskets. The shaft is connected to an external bearing on the rotor house and the gear-motor is direct connected into the rotor.

The type BRV-N rotor is equipped with 6 or 8 rubber vanes.

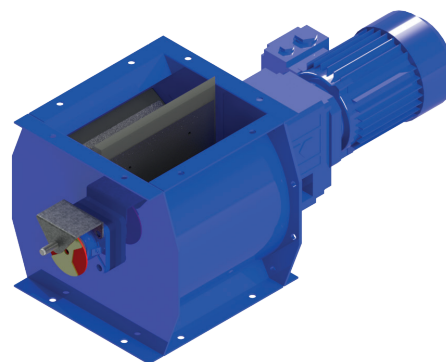
Rotor with 6 or 8 (BVR -N) vanes in neoprene rubber Rotor blades, maximum temperature +80° C and minimum temperature ÷ 30° C.

FUNCTION

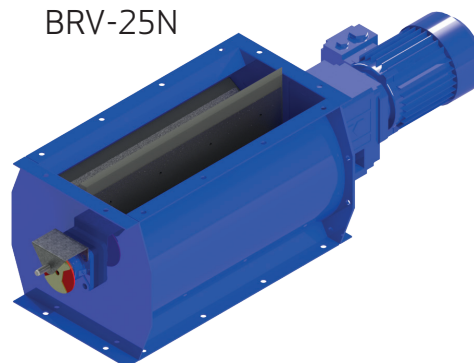
The BRV-N rotary valves (air-locks) series are used under a filter or a cyclone. To feed the material pressure less down into a pneumatic transport system or down into a waste bin or container, under the filter or the cyclone.

ROTATION DETECTOR:

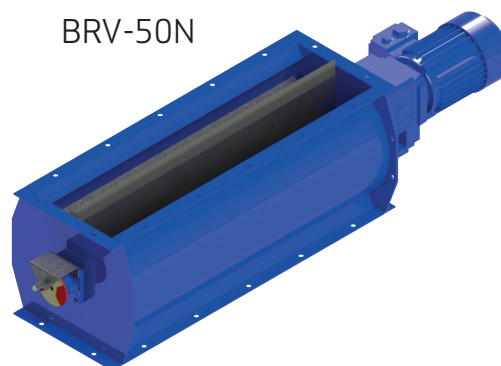
The rotary valves are equipped standard with a bracket for mounting the rotation detector. The rotation detector is an option. Rotation detector 24 VDC.



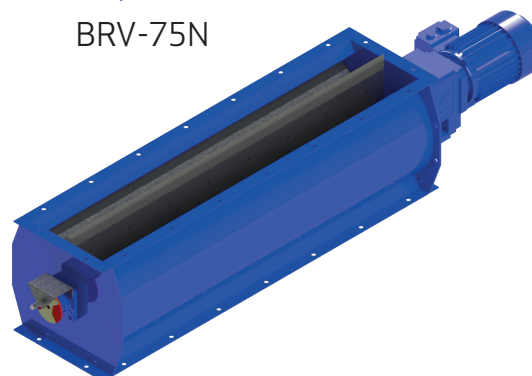
BRV-25N



BRV-50N



BRV-75N



BRV-100N

OPERATING RANGE

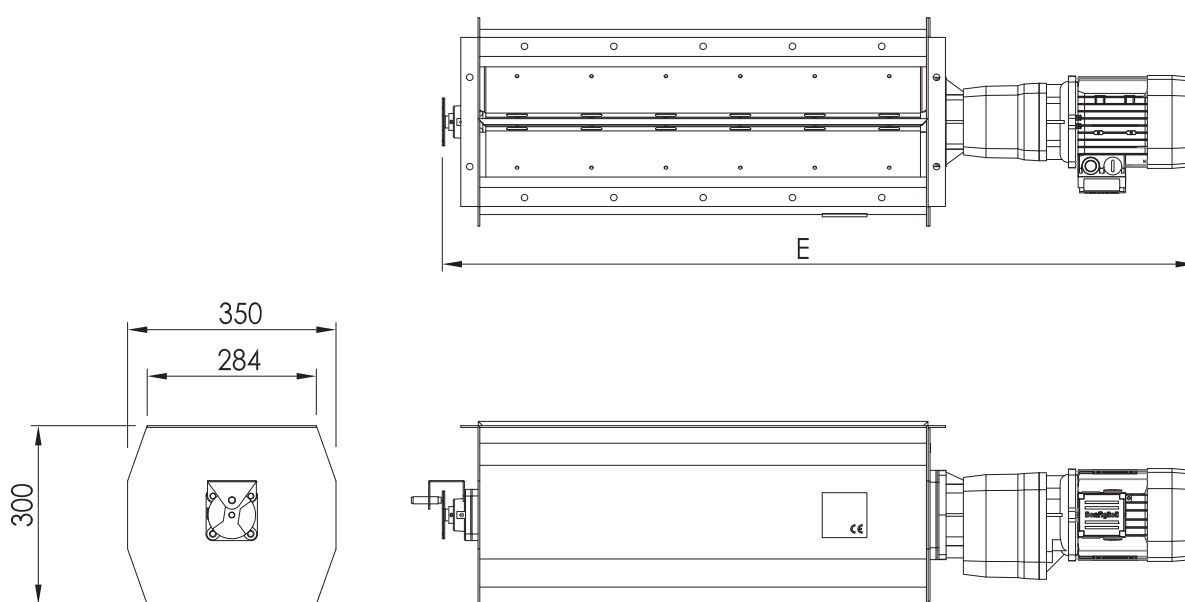
Pressure: + 5,000 Pa. - ÷ 5,000 Pa.

Capacity: BRV-N 10-42 M³/h.

Operating temperature: ÷ 30 to + 80° C.

ELECTRICAL DEVICES

Gearmotor 0.55 KW, 400 V., 50 HZ



| TYPE ROTARY VALVE | PORT SIZE (LxW) (MM) | E (MM) | MOTOR KW 400 V 50 HZ | RPM | CAPACITY AT 50% FILLING M ³ /H | WEIGHT KG |
|-------------------------|----------------------------|-----------|-------------------------|-----|--|--------------|
| BRV-25 N | 250x220 | 802 | 0.55 | 22 | 10 | 44 |
| BRV-50 N | 500x220 | 969 | 0.55 | 22 | 20 | 58 |
| BRV-75 N | 750x220 | 1,219 | 0.55 | 22 | 32 | 72 |
| BRV-100 N | 1000x220 | 1,469 | 0.55 | 22 | 42 | 93 |

| OPERATING PRESSURE Ps. | AIR LOSS (M ³ /H) AT 250 MM WG | AIR LOSS (M ³ /H) AT 500 MM WG |
|------------------------------|---|---|
| BRV-25 N | 10 | 20 |
| BRV-50 N | 20 | 35 |
| BRV-75 N | 25 | 45 |
| BRV-100 N | 35 | 55 |

We reserve the right to make changes without notice

RESULTS THROUGH TECHNOLOGY

Blue-vent Europe ApS

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