

# NRS rotary valves type 4,10,20 and 30

Continuous emptying of the dust collector hopper.



## NRS rotary valves type 4,10,20 and 30

- ✓ Robust construction.
- ✓ Long lifetime. The rotor is equipped with an elastic clutch, which reduces the possibility of damage in use and maximizes the life of the unit.
- ✓ Effective air lock between the inlet and outlet provided due to the special rubber blends.

The NRS type rotary valve is used to transfer material between two separate systems. In pneumatic conveying systems, discharge is usually required from the filter or cyclone to the silo, at atmospheric pressure. This is an ideal application for the NRS type rotary valve.

The rotary valve can be used for emptying of several non-adhesive material types. Max. particle size for the NRSZ is 13 x 13 x 13 mm.

The rotary valve should not work with highly abrasive dust.

## NRS rotary valves type 4,10,20 and 30

|         |        |
|---------|--------|
| 证书      | CE     |
| 保护等级    | IP55   |
| 安装      | 室外, 室内 |
| 适用于易爆粉尘 | False  |
| 应用      | 粉尘     |

## 模型

|                                                                                     | 项目编号                    | 重量 (公斤) | 功率 (kW) |
|-------------------------------------------------------------------------------------|-------------------------|---------|---------|
|    | 73009015 <sup>[1]</sup> | 50      |         |
|    | 73009016 <sup>[2]</sup> | 67      | 0,18    |
|    | 73009018 <sup>[3]</sup> | 67      | 0,75    |
|    | 73009019 <sup>[4]</sup> | 107     |         |
|    | 73009021 <sup>[5]</sup> | 124     | 0,75    |
|    | 73009022 <sup>[6]</sup> | 214     |         |
|  | 73009024 <sup>[7]</sup> | 243     | 0,75    |
|  | 73009025 <sup>[8]</sup> | 321     |         |
|  | 73009027 <sup>[9]</sup> | 338     | 0,75    |

<sup>[1]</sup> Capacity at 100% filling - 2 m<sup>3</sup>/h per RPM

<sup>[2]</sup> Capacity at 100% filling - 14 m<sup>3</sup>/h

<sup>[3]</sup> Capacity at 100% filling - 65 m<sup>3</sup>/h

<sup>[4]</sup> Without motor. Capacity at 100% filling - 4,9 m<sup>3</sup>/h per RPM

<sup>[5]</sup> Capacity at 100% filling - 157 m<sup>3</sup>/h

<sup>[6]</sup> Without motor. Capacity at 100% filling 9,8 m<sup>3</sup>/h per RPM

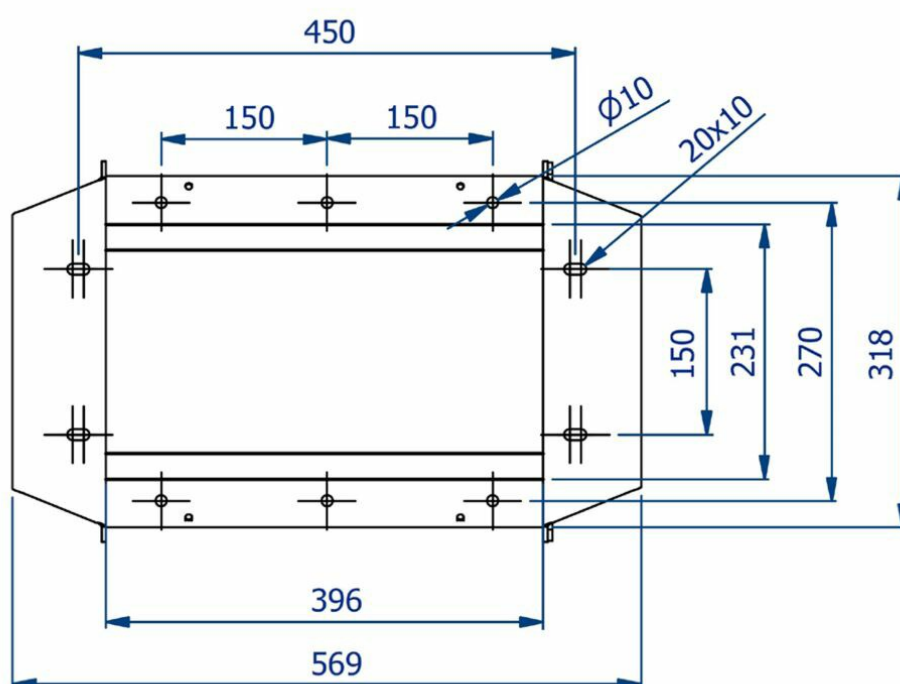
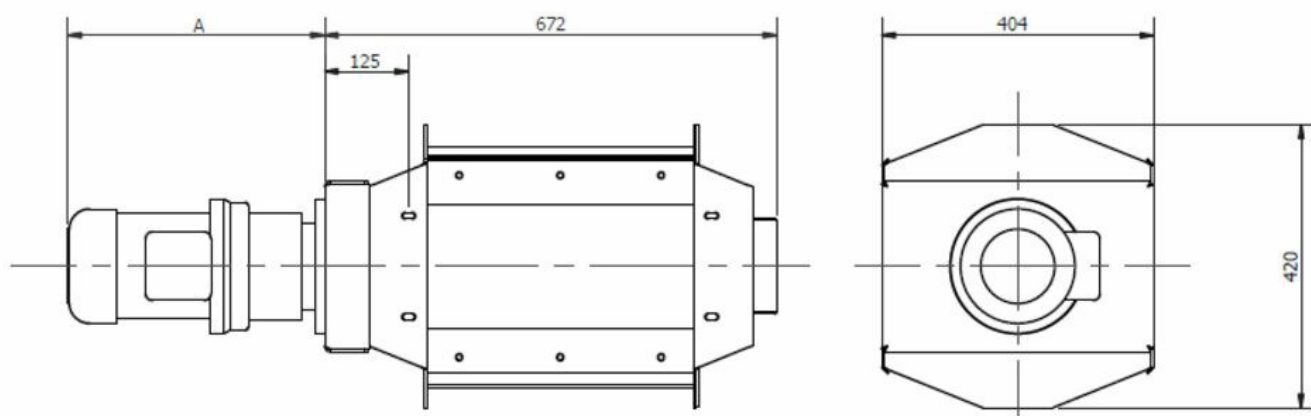
<sup>[7]</sup> Capacity at 100% filling - 314 m<sup>3</sup>/h

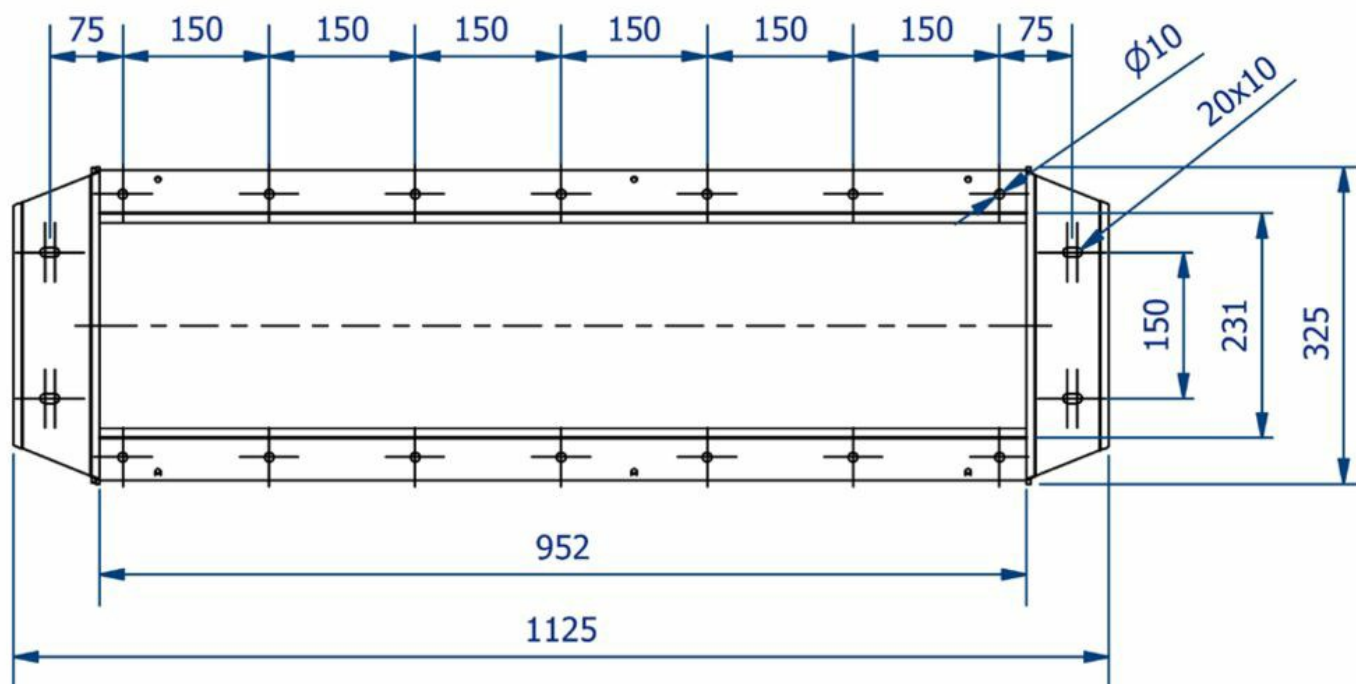
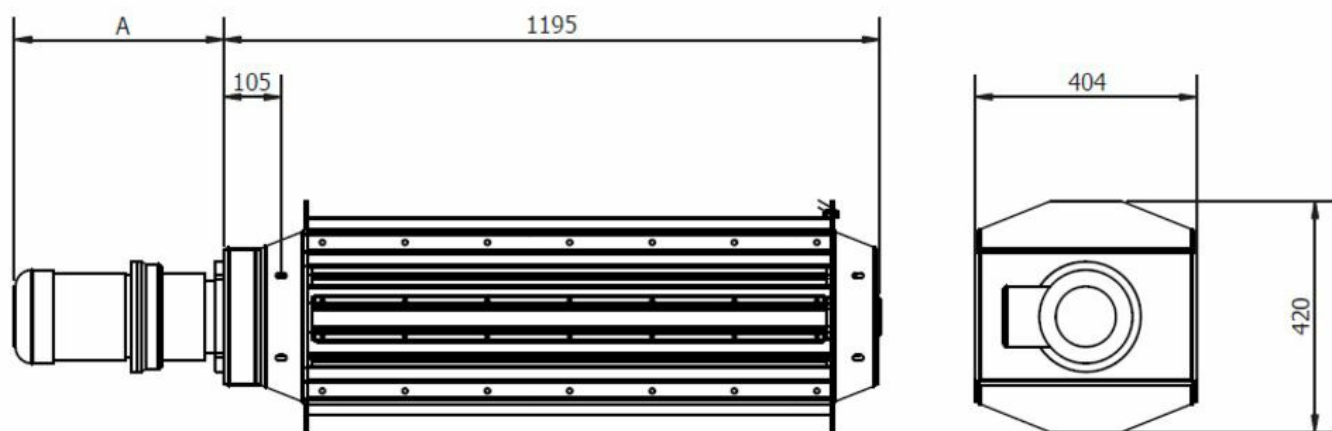
<sup>[8]</sup> Without motor. Capacity at 100% filling - 14,7 m<sup>3</sup>/h per RPM

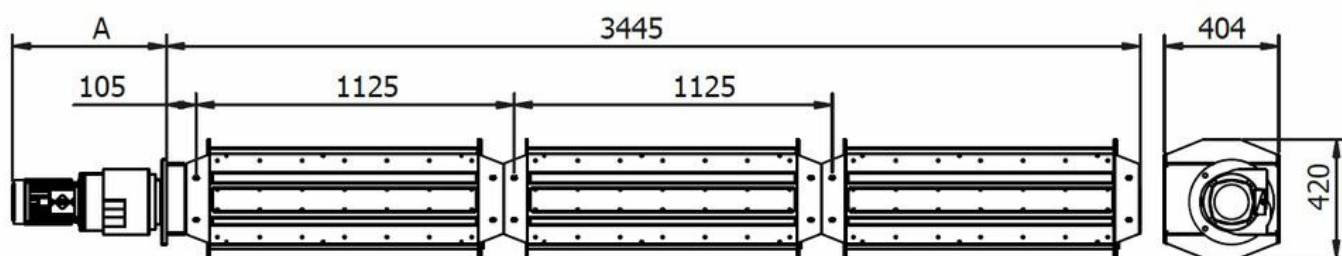
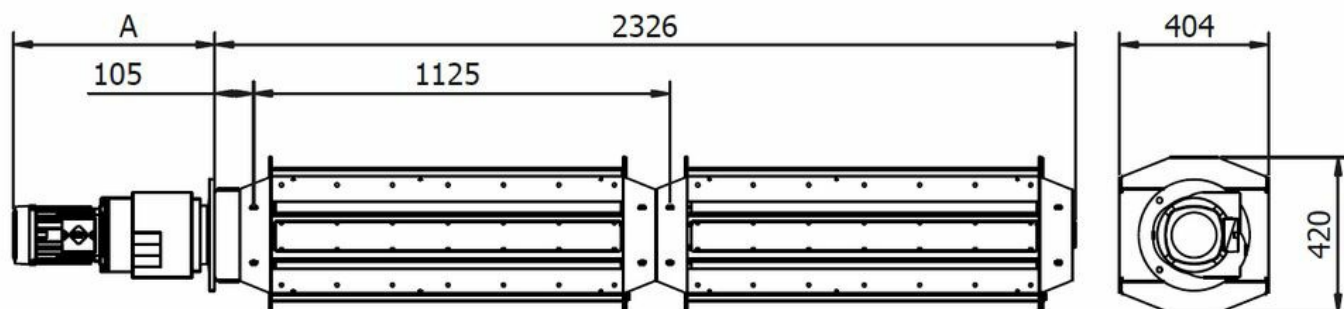
<sup>[9]</sup> Capacity at 100% filling - 471 m<sup>3</sup>/h

配件

|                                                                                   | 配件                 | 项目编号     |
|-----------------------------------------------------------------------------------|--------------------|----------|
|  | 用于NRS的旋转传感器，带装配工具包 | 73008689 |







### Leakage

The leakage of the rotary valve during shutdown (S) and during operation (R) depends on the pressure drop over the rotor. See the chart:

