

## Slide gates SPD

The slide gates SPD are used for closing of hoppers with loose and non-adhesive materials. They are applied in places, accessible to manual control.

### Description

The slide gate is made of steel S235.

The frame is made of rolled profiles. The plate is made of 6 mm thick sheet and is sealed with graphite packing and is guided in the slide gate frame by means of steel bars. The slide gate is painted with synthetic outer coat, the plate and the inside slide gate surface with ground coat. The slide gate control proceeds with a pneumatic cylinder. The air pressure for the pneumatic cylinder control is within the range of 4 to 6 bar. The pneumatic cylinder is controlled by means of a 5/2 valve with the power input of 5 W.

### Operating conditions

The slide gate in the standard design is used for closing of hopper and containers with loose materials up to temperatures of 150 °C. The slide gate may be mounted only with the flange in horizontal position.

When agreed with the manufacturer, the basic connecting dimensions, or the plate and the sealing bar material can be modified. By using special sealing materials and paints it is possible to use the slide gate for higher temperatures.

### Designation

The slide gate is designated:

#### SPD size

Example of designation with size of flange 400x400 mm:

#### SPD 400

Other specifications:

Finish undercoat

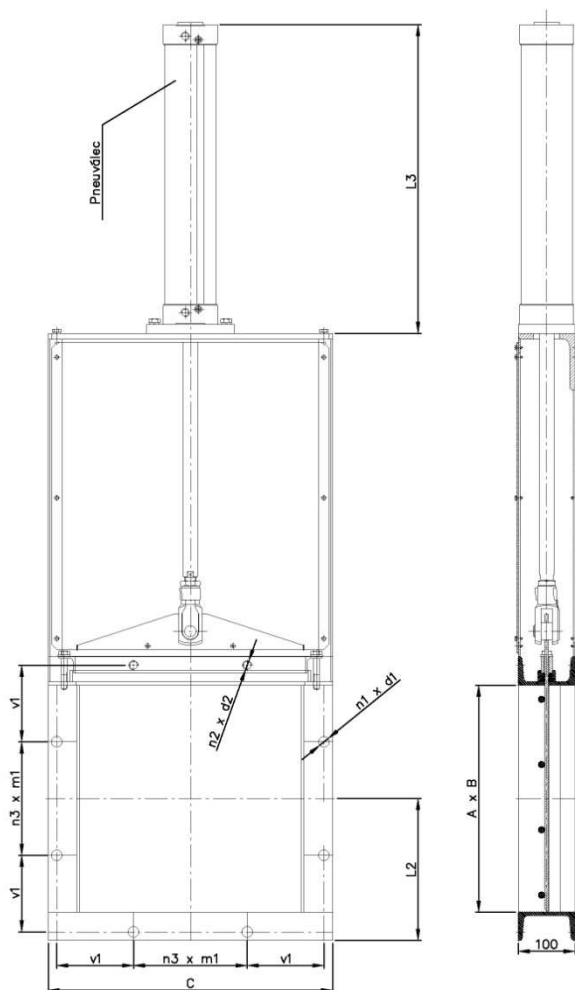
Finish undercoat + topcoat with RAL color

Technical data

Dimensions and weights

A x B	C	L1	L2	L3	n1xd1	n2xd2	n3xm1	v1	Weight [ kg ]
200 x 200	300	498	150	333	6xØ15	2xM12	1x160	50	28,67
250 x 250	350	573	175	383	6xØ15	2xM12	1x160	75	35,01
315 x 315	415	691,5	207,5	459	6xØ19	2xM16	1x200	92,5	46,52
400 x 400	500	820	250	544	6xØ19	2xM16	1x200	135	58,91
500 x 500	600	970	300	644	9xØ19	3xM16	2x200	85	74,83

Basic dimensions



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