

Vacuum valve (spring loaded)

12502, 12519, 12507

Vacuum valves are used in the food or drink, pharmaceutical and chemical industries. They are used for protection against a negative pressure in tanks and other enclosed systems.

Valve types spring-loaded, are characterized by:

	12502	12519
Valve cone	plastic or stainless steel*	stainless steel
Housing shape	centric	centric
Mounting position	vertical	vertical
Connection	DIN 11851	DIN 11851
Nominal sizes	DN 25/40 32/50 40/50 50/65 65/80	DN 25/40 32/50 40/50 50/65 65/80
	*DN 80/100	
Equipment	pneumatic lifting, proximity switches, heating cartridges	
	12507	
Valve cone	plastic	
Housing shape	laterally hanging	
Mounting position	vertical	
Connection	welding flange	
Nominal sizes	DN 50 65 80 100	
Equipment	pneumatic lifting, proximity switches, CIP, heating cartridges	

Note: Pneumatic lifting

During CIP cleaning lifting only when the tank is unpressurized (pressure < 0.1 bar).

Product range

Materials	stainless steel 1.4404
Gaskets	EPDM, FDA proof
Surface	≤ 0.8 µm

Other parts

Materials	stainless steel 1.4307
Surface	precision turned

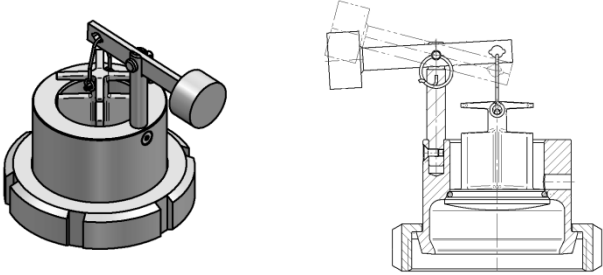
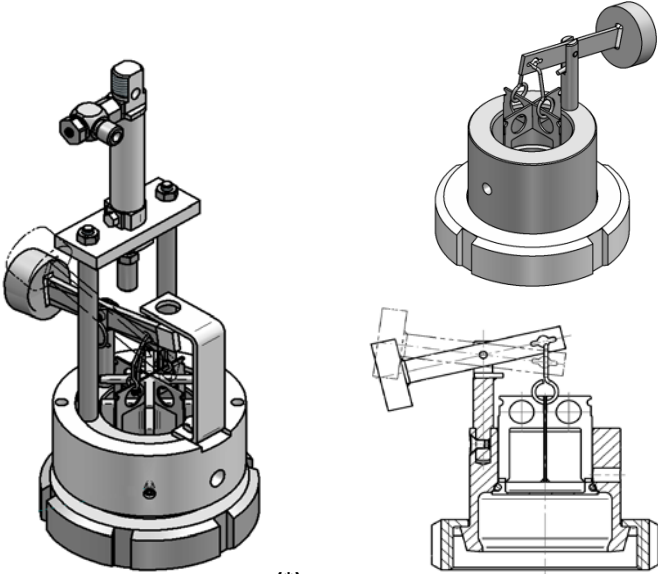
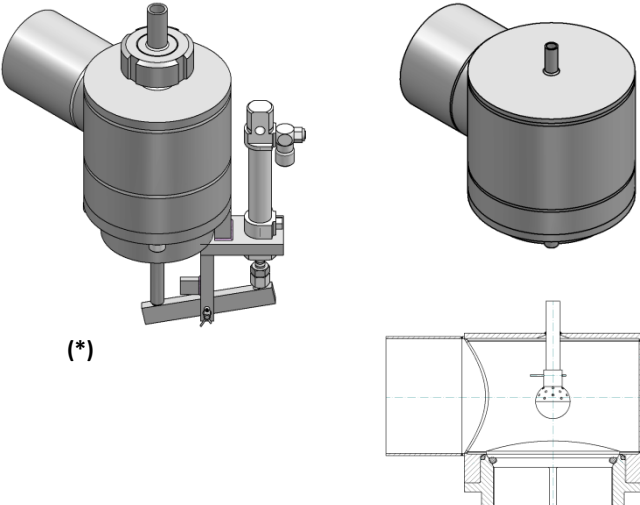
Production

Fluids (nontoxic)	Fluids/gases/steam (Group II, PED 2014/68/EU)
Set pressure	Vacuum 3 – 5 mbar; with special weights accordingly later
Temperature	0 - 80 °C / plastic cone 0 - 140 °C / stainless steel cone
Pressure aera	6 bar-g / plastic cone 10 bar-g / stainless steel cone

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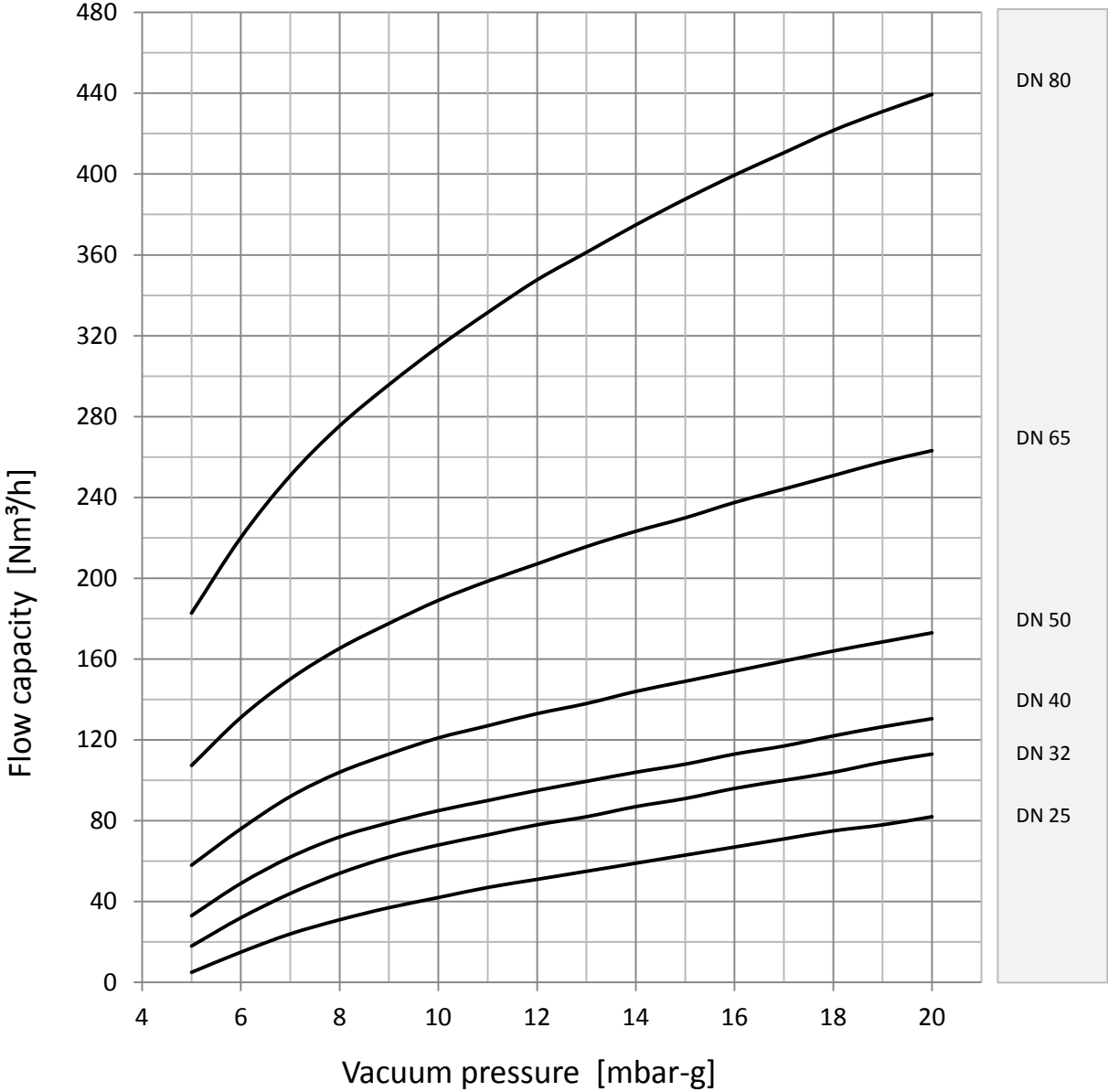
Valve types

<p>12502</p>		<p>DN 25 - 65 / DN 80 Height ↑ 85 - 140 mm / 220 mm</p> <p>Ausführung mit pneumatischer Anlüftung wie 12519</p>
<p>12519</p>	 <p style="text-align: right;">(*)</p>	<p>DN 25 - 65 Height ↑ 85 - 140 mm Height ↑ plus 180 - 200 mm for pneumatic lifting</p> <p>(*) Version with pneumatic lifting</p>
<p>12507</p>	 <p style="text-align: right;">(*)</p>	<p>DN 50 - 100 Length → 150 - 230 mm Height ↑ 120 - 170 mm</p> <p>(*) Version with pneumatic lifting</p>

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Flow capacity
Type 12502/12519 Fluid <Air>



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Type 12507

Fluid <Air>

