

Vacuum valve (spring loaded)

12501, 12525, 12537, 12515

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:

	12501	12525	12537
Valve cone	plastic or stainless steel*	stainless steel	stainless steel
Housing shape	centric	centric	eccentric
Mounting position	vertical, horizontal	vertical, horizontal	horizontal
Connection	DIN 11851	DIN 11851	DIN 11851
Nominal sizes	DN 25/40 32/50 40/50 50/65	DN 25/40 32/50 40/50 50/65	DN 50/65 65/80 80/100
	* DN 65/80 80/100	entfernt	
Equipment	heating cartridges		
	12515		
Valve cone	stainless steel		
Housing shape	centric		
Mounting position	vertical		
Connection	welding flange		
Nominal sizes	DN 100 125		
Equipment	pneumatic lifting, 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

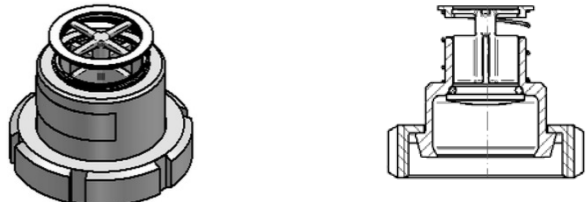
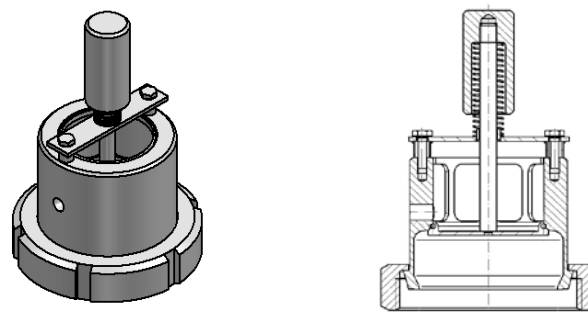
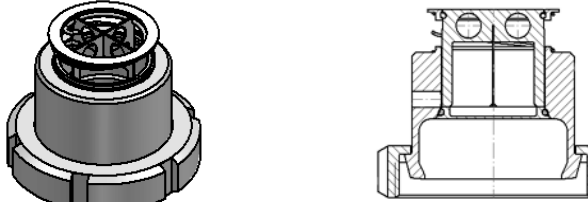
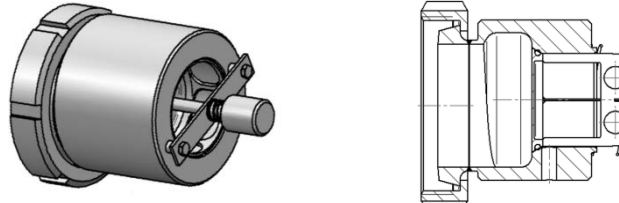
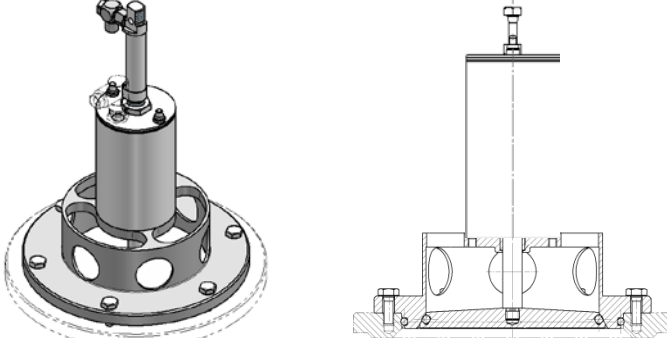
Production

Fluids (nontoxic)	Fluids/gases/steam (Group II, PED 2014/68/EU)
Set pressure	3 – 5 mbar
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

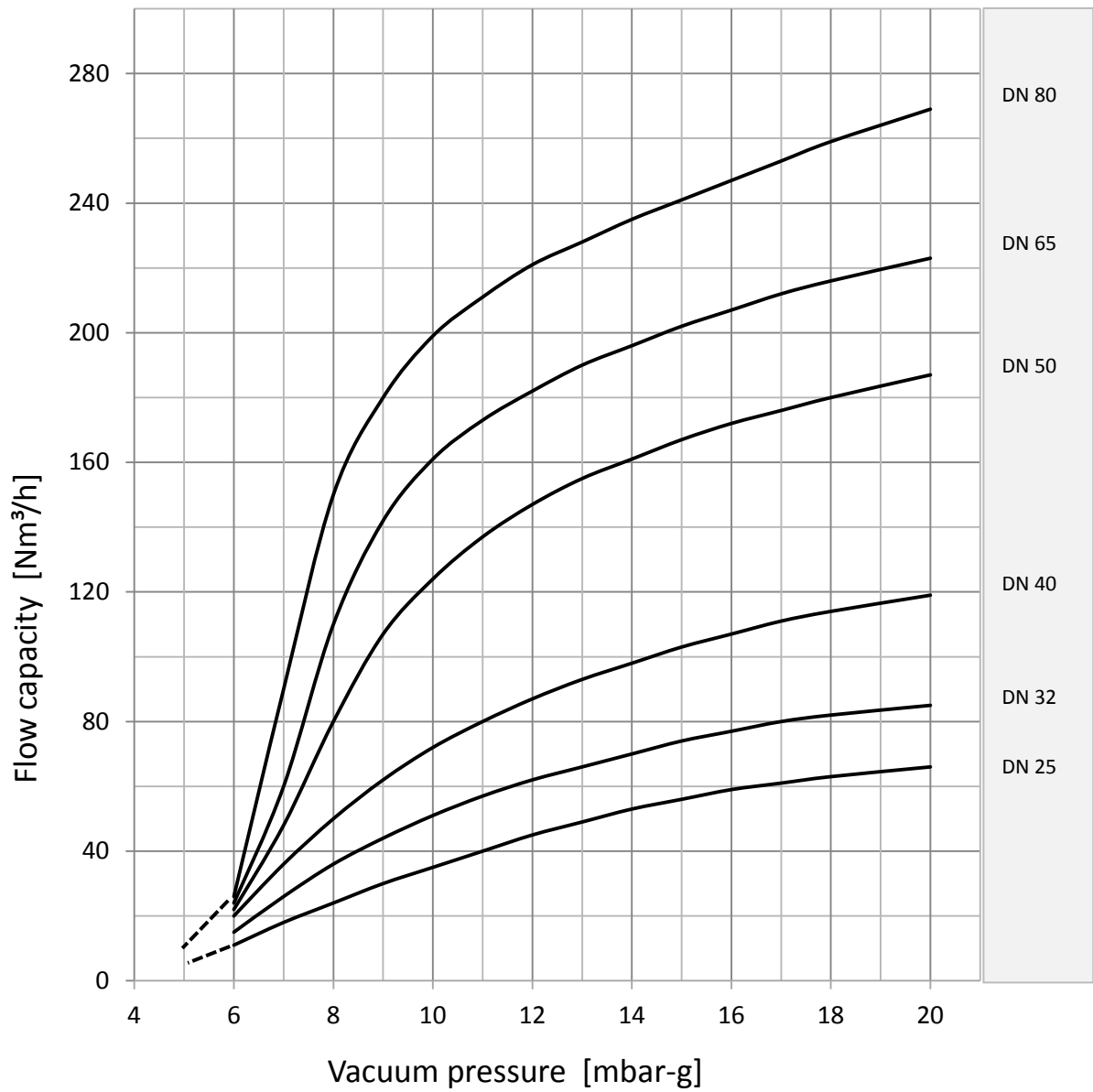
12501		DN 25 - 50 Height ↑ 60 - 85 mm
		DN 65, 80 Height ↑ 105, 230 mm
12525		DN 25 - 50 Height ↑ 60 - 85 mm
12537		DN 50, 65, 80 Length → 105, 130, 140 mm
12515		DN 100, 125 Height ↑ 200 mm ↑ 280 mm with pneumatic welding flange \varnothing 230 mm Version with pneumatic lifting (Equipment)

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Flow capacity

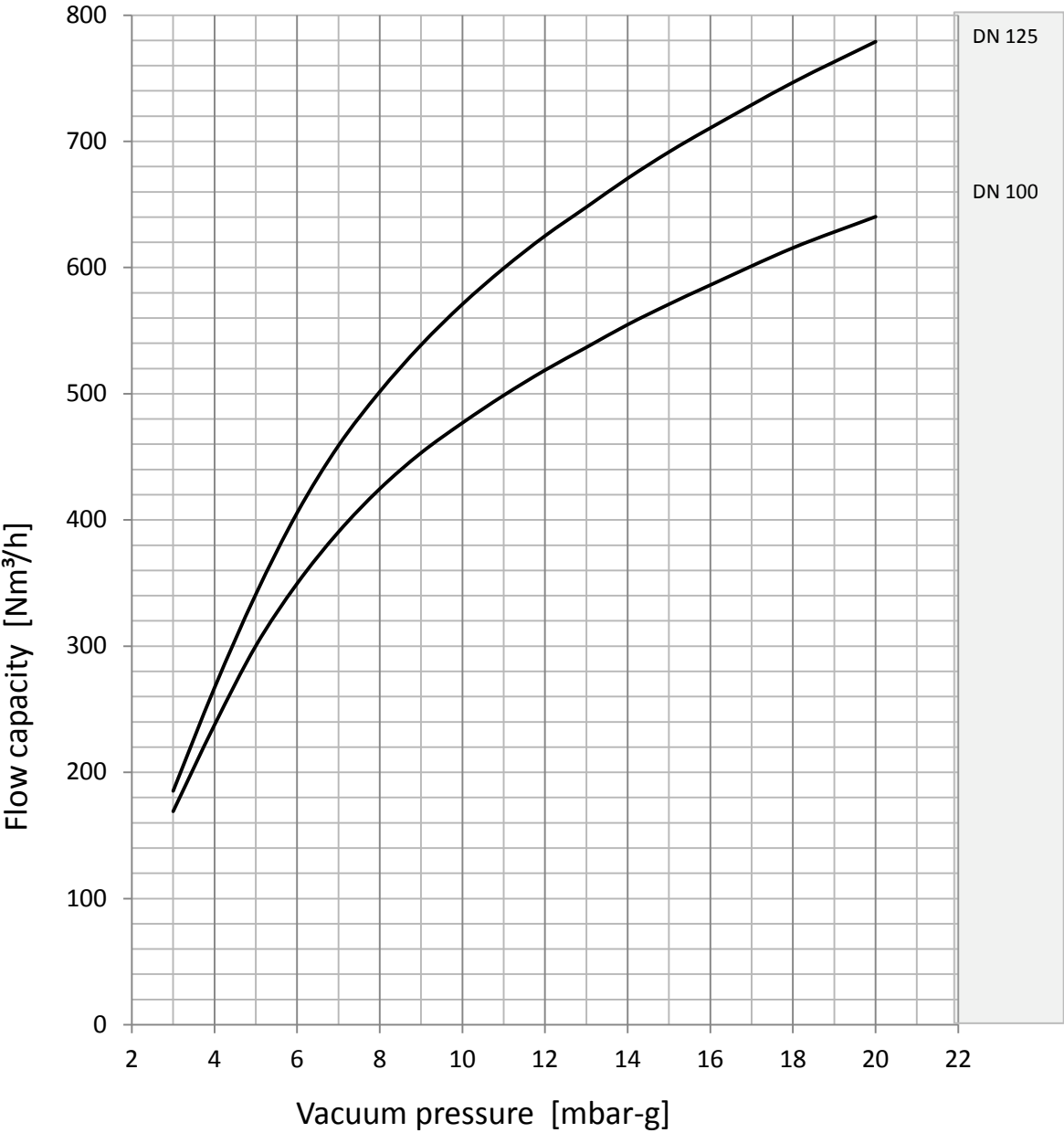
Type 12501, 12525, 12537



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Type 12515



Conversion: 1 mbar ⇔ 10 mmWC ⇔ 100 Pa ⇔ 0.1 KPa