



## GUTH VENTILE Globe - changeover valve Series: KI-DS 5514 Stainless steel AISI 316L Pneumatic piston Butt weld Inch



### Characteristics

- Series:** KI-DS 5514
- Function:** Three-way valve
- Norm:** Inch
- Construction type:** Shuttle valve
- Housing material:** Stainless steel
- Material quality:** AISI 316L
- Internal roughness value:** Ra ≤ 0.8 µm electro polished
- Process connection:** Butt weld
- Type of actuator:** Pneumatic piston
- Function actuator:** Spring closing
- Sealing:** EPDM
- Actuator material:** Stainless steel 316L
- Medium temperature:** 0 / 95 °C
- Ambient temperature:** 4 / 45 °C

### Application

- Food products.
- Dairy.
- Milk.
- Beer.
- CIP.
- Fruit juice.
- Water.
- Sauces.
- Oils.
- Recommended in: Food & Beverages, Food primary processes [contact with food]

### Technical Information

- Sterilisation temperature 140 °C [SIP 30 min].
- Leakage class A according to DIN EN 12266-1.
- Version with KI-TOP, 1 solenoid control valve 24V DC, 2 inductive limit switches.
- Welding connection EN 10357 Series A for pipe DIN 11850 Series 2.
- Pilot air:**
  - DN25 - DN65: 5.5 to 8.0 bar
  - DN80 - DN125: 6.0 to 8.0 bar.

### Approval

- EC1935/2004 certification on the seals.
- FDA admission on the seals.

### Options

- Pneumatic actuator single-action spring-opening.
- Extensive control and signalling options.
- Operation with lever handle.
- Seals HNBR (FDA), CIP temperature 130 °C [30 min].
- 3.1 Certificate.

### Valve model:

- Series 5508 T-valve.
- Series 5512 Cross valve.
- Series 5518 Loop valve.
- Series 5514 Change-over valve 3 ports.
- Series 5516 Change-over valve 4 ports.
- Series 5528 Tank outlet valve.

### Process connection:

- Weld connection EN 10357 Series A.
- Threaded connection DIN 11851 or DIN 11864.
- Connection with Tri-clamp DIN 32676.

Nominal inner diameter	External tube diameter of connection	Wall thickness, connection	Pressure rating	Kv value	Closing pressure range	Control	Type coding actuator	Pilot pressure	End contacts	Article
	mm	mm		m <sup>3</sup> /h	bar					
1"	25.4	1.65	PN16	23	6.8 / 8.9		104	5.5 - 8 bar		14677355

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1"	25.4	1.65	PN16	23	6.8 / 8.9	KI-TOP SPS	104	5.5 - 8 bar	2	14677356
2"	50.8	1.65	PN16	67	6.8 / 8		104	5.5 - 8 bar		14677359
2"	50.8	1.65	PN16	67	6.8 / 8	KI-TOP SPS	104	5.5 - 8 bar	2	14677360

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