



GUTH VENTILE Globe - changeover valve Series: KI-DS 5514 Stainless steel AISI 316L Pneumatic piston Butt weld EN (DIN)

Characteristics

Series: KI-DS 5514

Function: Three-way valve

Norm: EN (DIN)

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

Standard connection: EN 10357 series A

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 mm	Wall thickness, connection mm	Pressure rating	Kv value m ³ /h	Closing pressure range bar	Control	Type coding actuator	Pilot pressure	End contacts	Article
DN25	29	1.5	PN16	23	6.8 / 8.9		104	5.5 - 8 bar		14677353
DN25	29	1.5	PN16	23	6.8 / 8.9	KI-TOP SPS	104	5.5 - 8 bar	2	14677354
DN50	53	1.5	PN16	67	6.8 / 8		104	5.5 - 8 bar		14677357
DN50	53	1.5	PN16	67	6.8 / 8	KI-TOP SPS	104	5.5 - 8 bar	2	14677358

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