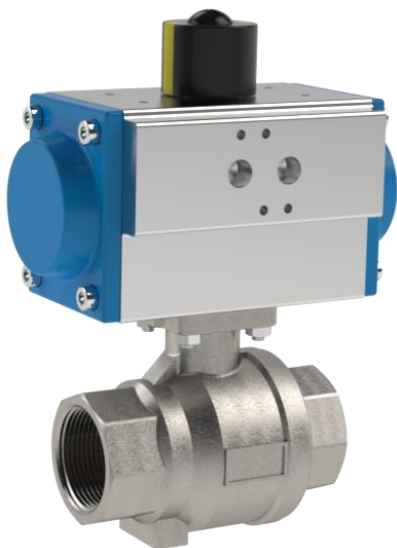


Ball valve stainless steel with pneumatic actuator type PK02



Description:

Two-piece stainless steel ball valve, made of stainless steel, with pneumatic actuator. Stainless steel ball to shut off pipeline systems.

Features:

- suitable for neutral and not neutral **gaseous & liquid media**
- free of silicone
- no bracket and no coupler essential, pneumatic actuator will be mounted directly on the ball valve
- suitable for mounting of switch box

Connection:

1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", Inch

Construction:

Two-piece ball valve

Pressure:

0 – 40 bar – depending on design
actuator works on max. differential pressure of 7 bar

Design:

Body:

Ball:

Ball sealing:

Stem:

Stem sealing:

Temperature:

Body actuator:

Shaft:

Piston:

Seals:

Temperature:

Control pressure:

Operating media:

SIL-level:

Two-piece ball valve with pneumatic actuator

Stainless steel 1.4408

Stainless steel 1.4408

PTFE

Stainless steel 1.4401

FKM

generally -20°C to +180°C (depending on working pressure)

pressure-temperature-diagram see datasheet type GK06

hard-coated aluminum alloy

anti-corrosion steel

aluminum alloy

NBR

-20°C to +80°C

min. 6 bar up to 8 bar

filtered air with regard to residual oil content, dust and water, at least according to DIN ISO 8573-1: 2010 [7:-:4]

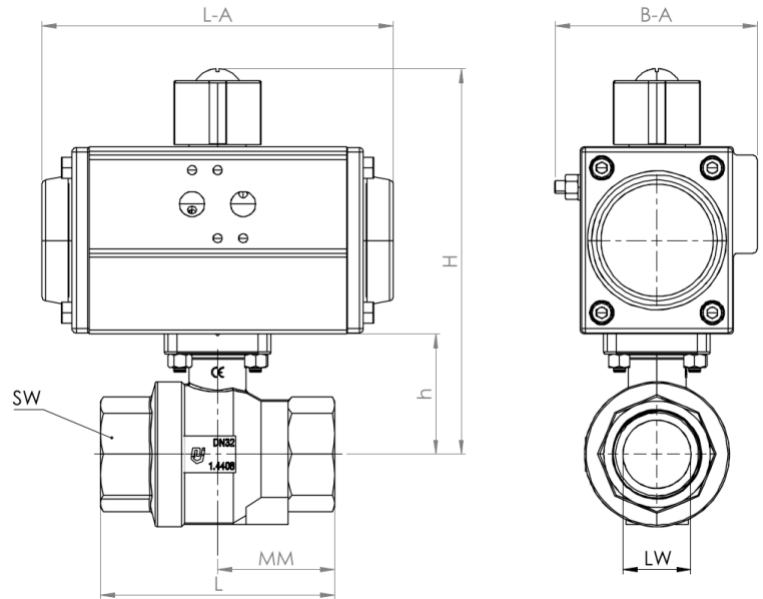
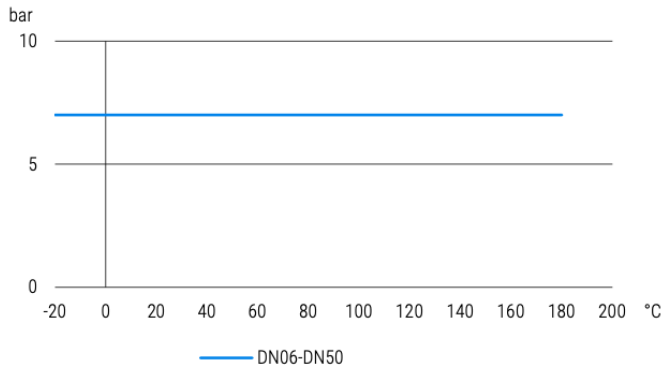
SIL3 test basis IEC 61508 Parts 1-2 and 4-7:2010

Remarks:

- Suitable for industrial purposes
- The dimension of the device is calculated with a control pressure rate from 6 bar to 8 bar
- For non-greasing mediums (e. g. water, dry air) high pressure (>7 bar differential pressure) and long non-working time it might be necessary to choose a bigger actuator size. In this case please contact our technical staff

Pressure-temperature diagram:

Druck-Temperatur-Diagramm pressure-temperature-diagram



Dimensions:

Mode of function: GD = double acting

DN	PN	DIN EN 10226-1	LW	SW	MM	L	h	H	B-A	L-A	Actuator
8	40	Rp1/4"	8	27	37,5	75	33,5	120	55	114	GD.032
10	40	Rp3/8"	10	27	37,5	75	33,5	120	55	114	GD.032
15	40	Rp1/2"	15	27	37,5	75	33,5	120	55	114	GD.032
20	40	Rp3/4"	20	32	40	80	37	123	55	114	GD.032
25	40	Rp1"	25	41	45	90	50,5	148	75	120	GD.040
32	40	Rp1 1/4"	32	50	55	110	56,5	154	75	120	GD.040
40	40	Rp1 1/2"	40	55	60	120	67	190	95	165	GD.063
50	40	Rp2"	50	70	70	140	75	200	95	165	GD.063

Mode of function: GS = single acting (spring closing)

DN	PN	DIN EN 10226-1	LW	SW	MM	L	h	H	B-A	L-A	Actuator
8	40	Rp1/4"	8	27	37,5	75	33,5	142	83,5	147	GS.052
10	40	Rp3/8"	10	27	37,5	75	33,5	142	83,5	147	GS.052
15	40	Rp1/2"	15	27	37,5	75	33,5	142	83,5	147	GS.052
20	40	Rp3/4"	20	32	40	80	37	146	83,5	147	GS.052
25	40	Rp1"	25	41	45	90	50,5	160	83,5	147	GS.052
32	40	Rp1 1/4"	32	50	55	110	56,5	181	95	165	GS.063
40	40	Rp1 1/2"	40	55	60	120	67	192	95	165	GS.063
50	40	Rp2"	50	70	70	140	75	211	105	182	GS.075

Article number:

Type	Version	Seal	Size
PK02	00 – double acting	00 – PTFE	01 – 1/4"
	01 – single acting		02 – 3/8"
			03 – 1/2"
			04 – 3/4"
			05 – 1"
			06 – 1 1/4"
			07 – 1 1/2"
			08 – 2"

Example no. PK02000005:

PK02	00	00	05
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Ball valve made of stainless steel with pneumatic actuator
Version: double acting
Seal: PTFE
Size: 1"

NOTE:

Standard for single acting actuator is closing with spring force.

Image similar, subject change without notice.