

Ball valve with spring return made of stainless steel type GK12



Description:

Ball valve made of stainless steel with spring return. Normally the ball valve is in position closed. The actuating of the ball valve is against the spring. Closing the valve hand strength supported.

Features:

- suitable for **gaseous & liquid media**
- closing hand strength supported
- Gland nut has to be retightened with certain periods
- blow-out proof stem design

Connection:

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

Construction:

with spring return

Pressure:

0 – 16 bar

Design:

with spring return

Body:

stainless steel 1.4408 / AISI CF8M

Ball:

stainless steel 1.4408 / AISI CF8M

Ball seal:

PTFE

Packing:

PTFE

Handle:

stainless steel 1.4301 / AISI 304

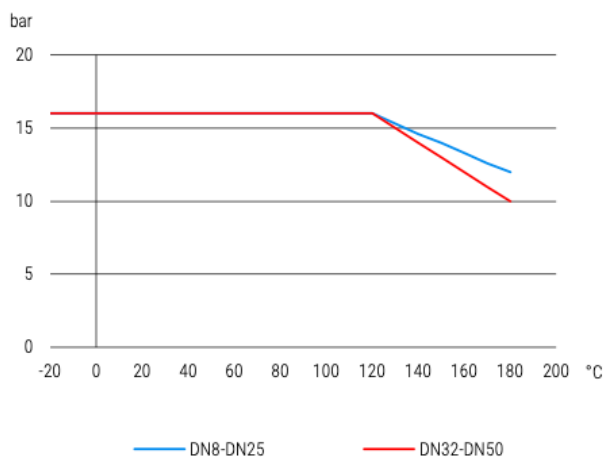
Leg spring:

stainless steel

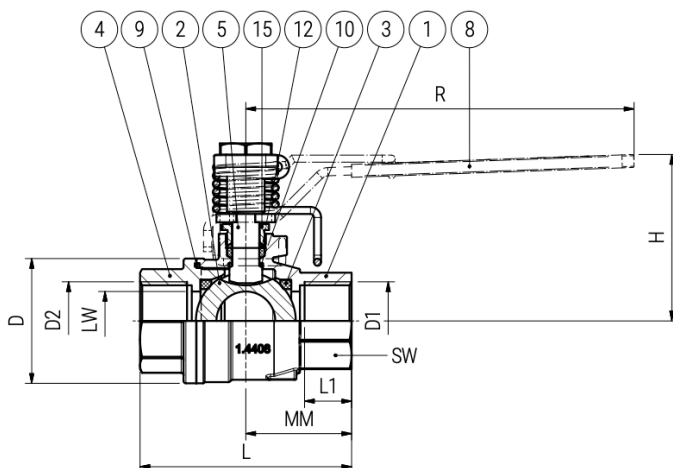
Temperature:

-20°C to +180°C

Pressure-temperature-diagram:



Materials:



No.	Description	Material
1	Body	stainless steel 1.4408 / AISI CF8M
2	Ball	stainless steel 1.4408 / AISI CF8M
3	Ball seal	PTFE
4	Flange / nipple	stainless steel 1.4408 / AISI CF8M
5	Stem	stainless steel 1.4401 / AISI 316
8	Handle	stainless steel 1.4301 / AISI 304
9	Body seal	PTFE
10	Thrust washer	PTFE
12	Packing	PTFE
15	Packing nut	stainless steel 1.4301 / AISI 304

Dimensions:

DN	LW	D1 / D2	L	L1	MM	D	H	R	SW	Weight kg
8	10	Rp 1/4"	51,5	10,0	24,5	30,5	52	100	19	0,25
10	10	Rp 3/8"	60	13,5	30,1	30,8	52	100	22	0,28
15	15	Rp 1/2"	75	14,0	35,6	37,7	60	130	26	0,41
20	20	Rp 3/4"	80	15,0	40,0	43	64	130	32	0,52
25	25	Rp 1"	90	18,0	44,5	51	72	165	41	0,93
32	32	Rp 1 1/4"	110	20,0	54,0	64	78	165	49	1,35
40	38	Rp 1 1/2"	120	20,0	60,0	74,2	86	190	56	1,98
50	50	Rp 2"	140	24,5	69,9	90	95	190	70	3,12

Article number:

Type	Version	Seal	Size
GK12	00 – with spring return	00 – PTFE	01 – 1/4" 02 – 3/8" 03 – 1/2" 04 – 3/4" 05 – 1" 06 – 1 1/4" 07 – 1 1/2" 08 – 2"

Example no. GK12000005:

GK12	00	00	05
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Thread ball valve made of stainless steel
Version: with spring return
Seal: PTFE
Size: 1"

Image similar, subject change without notice.