

SKG01

Ball Valve with Threaded Connection, Manual Operated

- 2- or 3- way-version with L- or T-bore
- process connection from 1/4" to 4"
- max. pressure: until PN 63
- max. medium temperature: until 180 °C



Description:

The ball valves of the model series SKG01 are appropriate to shut off the flow of several media. Because of the used materials as PTFE, FKM, brass or stainless steel they are consistent against chemical aggressive, gaseous, liquid, semi-liquid, dusty and polluted media.

The 2/2 way valve are a 2 parted threaded body-design with full bore. The 3/2 way valves made of brass are a threaded 4 parted body-design with full bore and flange plate. The 3/2 way valves made of stainless steel consist of a threaded 4 parted body-design with a reduced bore. All 3/2 way valves come with a L- or T- bore.

Typical applications:

The materials and the wide range of permitted pressure and temperature allow their use in most difficult processes e.g. in the chemical and petrochemical industry, in metal- and vessel- construction or in the climate, ventilation- and heating-engineering.

Models:

- SKG01.1-3:** 2/2-way version,
female thread on both side,
female/male, male thread on both sides
- SKG01.4-5:** 3/2-way version,
female thread on both side,
with L - or T - bore

Materials:

- SKG01.1-3:** nickel plated version
valve: brass hard chrome plated
gasket: PTFE / FKM.
- SKG01.1:** stainless steel version 1.4408
valve: 1.4401
gasket: PTFE glass fibre
- SKG01.4-5:** made of brass or st. steel 1.4408
valve: brass hard chrome plated bzw.
stainless steel 1.4401
gasket: PTFE / FKM

Technical Data:

Brass version 2/2-way

- nominal pressure:* up to 3": PN 25
4": PN 20
- max. medium temperature: -20 °C...120 °C

Stainless steel version 2/2-way

- nominal pressure:* up to 1": PN 63
from 1 1/4": PN 40
- max. medium temperature: -30 °C...180 °C

Brass version 3/2-way

- nominal pressure:* up to 3/4": max. 30 bar,
1", 1 1/4 : PN 20
1 1/2", 2": PN 16
- max. medium temperature: -20 °C...160 °C

Stainless steel version 3/2-way

- nominal pressure:* PN 63
- max. medium temperature: -30 °C...180 °C

* until 80 °C operating temperature, pressure rating at
higher temperatures on request

Switching Positions:

Handhebel- bzw. Antriebs- montage / Handle or actuator mounting	T-Bohrung / T-configuration				L-Bohrung / L-configuration		
	1	2	3	4	5	6	7
Stellung 0° position 0°							
Stellung 90° position 90°							

Order Code:

Order number: **SKG01. G. 1. 1. 15. 0**

**Ball valve with threaded connection,
manual operated**

Models:

- 1 = 2/2 way, female / female
2 = 2/2 way, female / male
3 = 2/2 way, male / male
4 = 3/2 way L-bore
5 = 3/2 way T-bore

Switching positions:

- 0 = without switching position (2/2-way only)
1-7 = 3/2-way only, see table „switching positions“

Materials:

- 1 = brass
2 = stainless steel (SKG01.1/4/5 only)

Process connections:

- 1 = 1/4" (not as 3/2-way st. steel available)
2 = 3/8" (not as 3/2- way st. steel available)
3 = 1/2"
4 = 3/4"
5 = 1"
6 = 1 1/4"
7 = 1 1/2"
8 = 2"
9 = 2 1/2" (not as 3/2- way available)
10 = 3" (not as 3/2- way available)
11 = 4" (not as 3/2- way available)

Options:

- 0 = without
1 = please specify in plain text

Dimensions:

Process- connec- tion	Length [mm]					
	SKG01 .1 brass	SKG01 .1 st. steel	SKG01 .2 brass	SKG01 .3 brass	SKG01 .4 and .5 brass	SKG01 .4 and .5 st. steel
1/4"	44	50	45	50	67	-
3/8"	45	60	45	51	67	-
1/2"	56	75	56	59	77	79
3/4"	64	80	62	69	87	88
1"	74	90	72	80	105	105
1 1/4"	85	110	82	91	122	124
1 1/2"	98	120	95	104	139	134
2"	110	140	110	120	166	164
2 1/2"	134	186	-	-	-	-
3"	160	205	-	-	-	-
4"	186	240	-	-	-	-