

SKG01

Ball Valve with Threaded Connection, Manually Operated

- 2 or 3 way design with L- or T- bore
- Process connection from 1/4" till 4"
- Max. pressure: until PN63
- Max. 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.

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

Materials:

- SKG01.1-3:** nickel plated brass design ball: brass
hard-chrome plated
seal: PTFE / FKM.
- SKG01.1:** stainless steel design 1.4408
ball: 1.4401
seal: PTFE glass fibre reinforced
- SKG01.4-5:** made of brass or stainless steel
1.4408
ball: brass hard-chrome plated
or stainless steel 1.4401
- Seal:** PTFE / FKM

Dimensions:

Process-connection	Length in 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	-	-	-	-

Stainless steel design 3/2-ways:

- Max. pressure:*** PN 63
Max. temperature: - 30 °C...+ 180 °C

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

Switching positions:

	T-bore				L-bore		
handle res. actuator mounting	1	2	3	4	5	6	7
position 0°							
position 90°							

Model Code:

Order number: SKG01. 1. 0. 2. 1. 0

Ball valve with threaded connection, manually operated

Design:

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

Switching position:

- 0 = Without switching position (only 2/2 way)
1-7 = Only 3/2 way, see table "switching position"

Materials:

- 1 = Brass
2 = Stainless steel (only SKG01.1/4/5)

Process connections:

- 1 = 1/4" (not as 3/2-way stainless steel available)
2 = 3/8" (not as 3/2-way stainless 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 stainless steel available)
10 = 3" (not as 3/2-way stainless steel available)
11 = 4" (not as 3/2-way stainless steel available)

Options:

- 0 = None
1 = Please specify in writing

Technical Data:

Brass design 2/2-way:

- Max. pressure:* PN 25
Max. temperature: - 20 °C...+ 120 °C

Stainless steel design 2/2-way:

- Max. pressure:* PN 40
Max. temperature: - 30 °C...+ 180 °C

Brass design 3/2-way:

- Max. pressure:* until 3/4": 30 bar
1": 16 bar,
1 1/4" until 2": 10 bar
Max. temperature: - 20 °C...+ 160 °C

