

SKG02

Ball Valve with Flange Connection, Manually Operated

- 2- way design
- Standard or compact body-design
- Connection size: DN15 until DN200
- Pressure rating: PN16 or PN40
- Max. temperature: until 180 °C



Description:

The ball valves of the model series SKG02 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 standard model series is a 2 parted threaded body-design with full bore. Additionally is the stainless steel design of the standard model series in fully open and fully closed position lockable. The compact model series is a one- piece body construction with full 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:

| | |
|-------------------|--|
| Standard: | Full bore, drilled, overall length acc. to DIN 3202 F4/ F5 flange plate acc. to ISO 5211 for direct actuator connection |
| Compact: | Full bore, with threaded holes and with flange plate acc. to ISO 5211 for actuator connection. |
| Attention: | From DN 40 on as double flange design (only in stainless steel) |

Materials:

| | |
|------------------|---|
| Standard: | housing made of GG25 ball: brass hard-chrome plated seal: PTFE, NBR housing made of stainless steel 1.440 ball: stainless steel 1.4408 seal: PTFE / FKM |
| Compact: | housing made of steel ball: brass hard-chrome plated seal: PTFE / FKM housing made of stainless steel 1.4408 ball: stainless steel 1.4401 seal: PTFE, FKM |

Dimensions:

| Process- con- nection | Length in mm | | |
|-----------------------------|--------------------------------|---------------------------|------------------------|
| | SKG02.1-3 Steel / St. steel | SKG02.4.1 Cast iron 25 | SKG02.4.3 St. steel |
| DN 15 | 35 | - | 115 |
| DN 20 | 40 | - | 120 |
| DN 25 | 46 | 125 | 125 |
| DN 32 | 54 | 130 | 130 |
| DN 40 | 63 | 140 | 140 |
| DN 50 | 82 | 150 | 150 |
| DN 65 | 103 | 170 | 170 |
| DN 80 | 122 | 180 | 180 |
| DN 100 | 152 | 190 | 190 |
| DN 125 | 196 | 200 | 325 |
| DN 150 | 232 | 210 | 350 |
| DN 200 | 317 | 400 | 400 |

Model Code:

| | | | | | |
|---|---------------|-----------|-----------|-----------|-----------|
| Order number | SKG02. | 1. | 2. | 2. | 1. |
| Ball Valve with flange connection, manually operated | | | | | |
| Design: | | | | | |
| 1 = PN 16 compact (only in steel or stainless steel) | | | | | |
| 2 = PN 40 compact (only in steel or stainless steel) | | | | | |
| 3 = ANSI 150 compact (only in steel or stainless steel) | | | | | |
| 4 = Standard (only in cast iron or stainless steel) | | | | | |
| Material: | | | | | |
| 1 = Cast iron | | | | | |
| 2 = Steel | | | | | |
| 3 = Stainless steel | | | | | |
| Nominal diameter: | | | | | |
| 1 = 15 (not in GG 25 available) | | | | | |
| 2 = 20 (not in GG 25 available) | | | | | |
| 3 = 25 | | | | | |
| 4 = 32 | | | | | |
| 5 = 40 | | | | | |
| 6 = 50 | | | | | |
| 7 = 65 | | | | | |
| 8 = 80 | | | | | |
| 9 = 100 | | | | | |
| 10 = 125* | | | | | |
| 11 = 150 | | | | | |
| 12 = 200** | | | | | |
| Special design: | | | | | |
| 0 = Without | | | | | |
| 1 = Please specify in writing | | | | | |

* Not in stainless steel PN 40 (compact) available
**Not in carbon steel PN 40 (compact) available

Technical Data:

Compact body design:

| | |
|-------------------|--------------------|
| Max. pressure:* | PN 16, PN 40 |
| Max. temperature: | - 30 °C...+ 160 °C |

Standard body design:

| | |
|-------------------------------------|--------------------|
| Max. pressure:* | PN 16, PN 40 |
| Max. temperature: | - 20 °C...+ 120 °C |
| Max temperature stainless steel: | - 30 °C...+ 180 °C |

