

SKG02

Ball Valve with Flange Connection, Manual Operated

- 2- way version
- standard or compact design
- nominal sizes DN 15 to DN 200
- pressure stages PN 16 or PN 40
- max. medium temperature: until 180 °C



Description:

Ball valves of the SKG02 series are suitable for shutting off the flow of various media. Due to the materials used, such as PTFE, Viton, brass or stainless steel, they are resistant to chemically aggressive, gaseous, liquid, viscous, dusty and contaminated materials.

The standard series is a 2-part bolted body construction with full passage. The stainless steel version of the standard series is additionally lockable in the open and closed position. The compact series is a 1-part body construction with full passage.

Typical applications:

The permissible pressure and temperature ranges permit use in the most difficult processes, e.g. in the chemical and petrochemical industry, in metal and tank construction or in air-conditioning, ventilation and heating technology.

Models:

Compact: full pass, with threaded holes and with ISO 5211 flange plate for actuator mounting.
Attention: from DN 40 as double flange version (stainless steel only)

Standard: full pass, drilled Face-to-Face length according to DIN 3202 F4 / F5 flange plate according to ISO 5211 for direct mounting.

Materials:

Standard: cast iron housing (GG25)
valve: brass hard chrome plated
gasket: PTFE, NBR
stainless steel housing 1.440
valve: stainless steel 1.4408
gasket: PTFE, FKM

Compact: steel housing
valve: brass hard chrome plated
gasket: PTFE / FKM
stainless steel housing 1.4408
valve: stainless steel 1.4401
gasket: PTFE, FKM

Dimensions:

Process connection	Length [mm]		
	SKG02.1-3 steel / st. steel	SKG02.4.1 GG25	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

Order Code:

Order number: SKG02.	1.	2.	2.	1
Ball valve with flange connection				
Models: 1 = compact, PN 16 (only in steel or st. steel) 2 = compact, PN 40 (only in steel or st. steel) 3 = compact, ANSI 150 lbs (only in stainless steel up to DN 100) 4 = standard (only in GG25 or stainless steel)				
Materials: 1 = cast iron, GG25, PN 16 2 = steel 3 = stainless steel				
Nominal sizes: 1 = 15 (not available in GG25) 2 = 20 (not available in GG25) 3 = 25 4 = 32 5 = 40 6 = 50 7 = 65 8 = 80 9 = 100 10 = 125 (not available in steel / st. steel PN 40 (compact)) 11 = 150 (not available in steel / st. steel PN 40 (compact)) 12 = 200 (not available in steel / st. steel PN 40 (compact))				
Options: 0 = without 1 = please specify in plain text				

Technical Data:

Compact design

nominal pressure:* PN 16, PN 40, 150 lbs
max. medium temperature: -30...160 °C

Standard design

nominal pressure:* PN 16, PN 40
max. medium temperature: -20 °C...120 °C

Stainless steel version:

nominal pressure:* PN 16, PN 40
max. medium temperature: -30 °C...180 °C

* up to 80 °C operating temperature, pressure resistance at higher temperatures on request