

SKE

Electrical Actuator for Ball Valves

- ready mounted on ball valves
SKG01 or SKG02
- operating voltage 24 VDC or 230 VAC
- low-cost version for brass ball valves
- with integrated limit switches



Description:

The electric actuator mounted on the SKG01 and SKG02 series ball valves enables remote opening and closing of the ball valve.

PKP's electric actuators are equipped as standard with an optical position indicator and manual override. By means of an integrated limit switch, feedback signals on the switching state of the ball valve can be sent to the control unit.

Typical applications:

The ball valves with electric actuator are used wherever pipelines are to be opened or closed automatically.

Models:

Actuator design:

for nominal sizes from 1/4" to 8",
torques from 60...1000 Nm

Limit switches and manual override:

standard

suitable for: ball valves from the data sheets
SKG01 / SKG02

Selection:

Process connection (G)	SKG01, with threaded connection	
	SKG01.1 2/2-way	
	brass	stainless steel
1/4	-	-
3/8	-	-
1/2	NE23	NE23
3/4	NE24	NE24
1	NE25	NE25
1 1/4	NE26	NE26
1 1/2	NE27	NE27
2	NE28	NE28
2 1/2	NE29	-
3	NE30	-
4	NE31	-

Process connection (G)	SKG01, with threaded connection	
	SKG01.4/5 3/2-way	
	brass	stainless steel
1/4	NE21	-
3/8	NE22	-
1/2	NE23	NE23
3/4	NE24	NE24
1	NE25	NE25
1 1/4	NE26	NE26
1 1/2	NE27	NE27
2	NE28	NE28
2 1/2	-	-
3	-	-
4	-	-

Process connection (DN)	SKG02, 2/2-way, with flange connection			
	SKG02.1, comp., PN 16		SKG02.4, standard, PN 16	
	steel	stainless steel	cast iron	stainless steel
15	NE02*	NE02*	-	NE02*
20	NE03*	NE03*	-	NE03*
25	NE04*	NE04*	NE04*	NE04*
32	NE05*	NE05*	NE05*	NE05*
40	NE06*	NE06*	NE06*	NE06*
50	NE07*	NE07*	NE07*	NE07*
65	NE08	NE08	NE08	NE08
80	NE09	NE09	NE09	NE09
100	NE10	NE10	NE10	NE10
125	NE11	NE11	NE11	NE11
150	NE12	NE12	NE12	-

* max. operating pressure 6 bar

Order Code:

Order number: **SKE. NE28-24. 0**

Electrical actuator for ball valves

Models and power supply (xx = see table "Selection"):

NExx-24 = 24 VDC
NExx-230 = 230 VDC

Options:

0 = without
9 = please specify in plain text

Product Selection:

- select the ball valve acc. to data sheet SKG01 (thread) or SKG02 (flange).
example: SKG01.1.0.1.3.0
- select suitable actuator acc. To table and order code
example: SKE.NE28-24.0
- complete order code:
SKG01.1.0.1.3.0.SKE.NE28-24.0

Technical Data:

Actuator:

Housing: aluminium alloy

Power supply: 24 VDC / 230 VAC 50 Hz

Term: 14...30 s, depending on ball valve size and torque

Ambient temperature: -20...+70 °C

Protection class: IP67