

2-WAY BALL VALVE, MANUALLY OPERATED

**Description:**

- 2-pieces body construction
- heavy-weight design
- full passageway
- female thread acc. to EN 10226
- blow out safe, spindle mounted from inside
- any installation position
- lock device

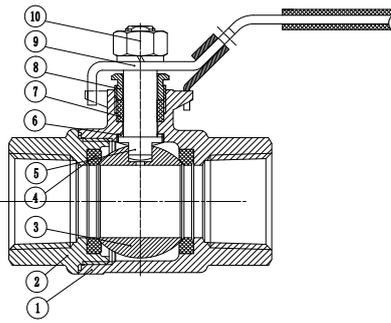
Range of application:

- working pressure PN63
(see pressure-temperature-diagram)
- temperature range: -10°C up to +200°C
(see pressure temperature diagram)

Comments:

Better protection against unintended disengagement of the spindle and the sealing by a blow out protection. No accidental damage from outside possible.

Threads according to EN 10226: It describes the threaded connection of a conical male thread (R) with a parallel female thread (Rp).

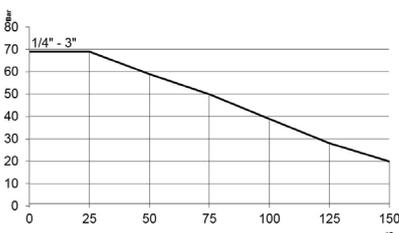


pos.	part	standard material		optional material
1	body	1.4408	0	-
2	connector	1.4408		-
3	ball	1.4401		-
4	seat sealing	PTFE	T	-
5	spindle	1.4401	0	-
6	thrust ring	PTFE		-
7	packing for spindle	PTFE	T	-
8	gland	1.4301		-
9	handle	1.4301 with plastic coating		-
10	nut	1.4301		-

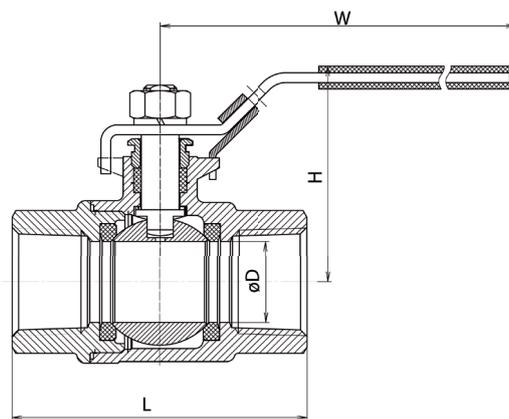
Notes on the order code, see the end of the data sheet. An overview of the entire material of a key product group, see the catalog at the beginning of each chapter.

Options:

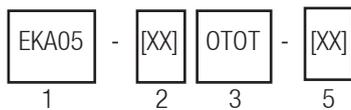
- SV: spindle extension
- ZG: certificate
- OF: free of oil and grease
- EB: relief well

**Pressure temperature diagram**

The pressure temperature diagram refers to the ball valve of this type. For the actuated units the actuator limits the permissible pressure range to the operating pressure as indicated above, as long as this is lower than the pressure range of the ball valve. If your application has strong temperature variations, you may need additional options like a relief well, to meet the figures. Please tell us your temperature variations with your order.



Matchcode	size [inch]	nominal pressure	nominal size [mm]	L [mm]	H [mm]	W [mm]
EKA05-02-OTOT	1/4	PN63	11	51,5	51	104
EKA05-03-OTOT	3/8	PN63	12,5	51,5	51	104
EKA05-04-OTOT	1/2	PN63	15	58	50	103
EKA05-05-OTOT	3/4	PN63	20	65	63	133
EKA05-06-OTOT	1	PN63	25	77	66	133
EKA05-07-OTOT	1 1/4	PN63	32	90	80	154
EKA05-08-OTOT	1 1/2	PN63	38	98	83	154
EKA05-09-OTOT	2	PN63	50	122	97	188
EKA05-10-OTOT	2 1/2	PN63	65	159	119	223
EKA05-11-OTOT	3	PN63	76	182	129	223
EKA05-12-OTOT	4	PN63	94	224	169	298

**Order information:****1: type:**

- EKA05

2: connection size: 02-12 (see table)**3: materials:**

- 1. digit: body material (stainless steel)
- 2. digit: sealing for spindle (PTFE)
- 3. digit: ball material (stainless steel)
- 4. digit: seat sealing (PTFE)

6: options (see "options")

Please ask for field specifications that are not listed in this data sheet.

Before installation please consider the installation and maintenance manual, especially the safety indications!