

Ball valves



EN 331

Screw-in ball valves, DVGW tested (PN 5/MOP 5)

up to 50 bar

Materials: Housing: Brass nickel-plated, ball: Brass hard chrome-plated, seal: PTFE/NBR

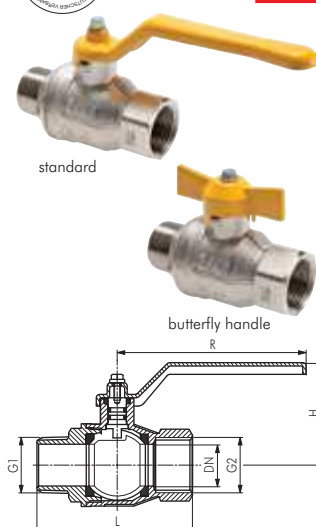
Temperature range: -20°C to max. +150°C, gas: -20°C to max. +60°C

Operating range: Water (no steam), neutral, gaseous and non-aggressive, liquid media, mineral oils, compressed air, vacuum (max. -0.9 bar), gases in accordance with DVGW worksheet (e.g. natural gas, city gas, liquid gas up to 5 bar)

- ✓ **Advantages:**
- By purchasing the optional combi handles (page 281), you can construct various handle variations:
 - Standard handle in red, yellow, blue and black
 - Toggle grip in colours red, yellow, blue, black and green
 - Flat steel handle in red, yellow and green (optional: lockable***)
 - Long handle in red

Type	H	R	Type	H	R	G1/G2	DN	L	PN*	Combi handle size**
standard			butterfly handle							
KH 14 iA DVGW	37	80	KH 14 iA DVGW KN	37	24	R/Rp 1/4"	8	56.9	50 bar	1
KH 38 iA DVGW	37	80	KH 38 iA DVGW KN	37	24	R/Rp 3/8"	10	58.9	50 bar	1
KH 12 iA DVGW	49	89	KH 12 iA DVGW KN	44	27	R/Rp 1/2"	15	76.5	50 bar	2
KH 34 iA DVGW	58	113	KH 34 iA DVGW KN	50	31	R/Rp 3/4"	20	83.5	40 bar	3
KH 10 iA DVGW	61	113	KH 10 iA DVGW KN	53	31	R/Rp 1"	25	93.0	40 bar	3
KH 114 iA DVGW	75	138	---	---	---	R/Rp 1 1/4"	32	110.0	30 bar	4
KH 112 iA DVGW	91	158	---	---	---	R/Rp 1 1/2"	38	121.0	30 bar	5
KH 20 iA DVGW	98	158	---	---	---	R/Rp 2"	49	140.5	25 bar	5

* for gas up to PN 5 bar/MOP 5, ** combi handles are found on page 281, *** not for combi handle size 3



Especially good value!

Stainless steel ball valves, 2-piece, lightweight design, full bore

Eco-Line/PN 63

Materials: Housing: AISI 316, ball: AISI 316 seal: PTFE (15% GF), handle: AISI 304

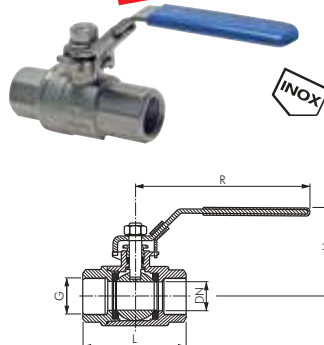
Temperature range: -20°C to max. +200°C

Lockable hand lever, please order the padlocks separately (see page 641).

Operating range: Water, steam, oil, compressed air, fuels, solvents, aggressive media

Optional: Certificate 3.1

Type	G	DN	L	H	R	PN
KH 14 K ES E	G 1/4"	11.5	50.0	54	101	63 bar
KH 38 K ES E	G 3/8"	12.5	50.0	54	101	63 bar
KH 12 K ES E	G 1/2"	15.0	59.0	54	101	63 bar
KH 34 K ES E	G 3/4"	20.0	66.0	63	124	63 bar
KH 10 K ES E	G 1"	25.0	75.5	74	124	63 bar
KH 114 K ES E	G 1 1/4"	32.0	88.7	80	165	63 bar
KH 112 K ES E	G 1 1/2"	38.0	98.5	94	165	63 bar
KH 20 K ES E	G 2"	50.0	120.6	103	183	63 bar
KH 212 K ES E	G 2 1/2"	63.0	146.5	137	248	63 bar
KH 30 K ES E	G 3"	76.0	167.5	148	248	63 bar



The pressure-temperature diagram is found in the Online Shop

Outstanding value!

Stainless steel ball valves, 2-piece, full bore

Eco-Line/PN 63

Materials: Housing: AISI 316, ball AISI 316, seal: PTFE (15% GF), handle: AISI 304

Temperature range: -20° to max. + 200°C

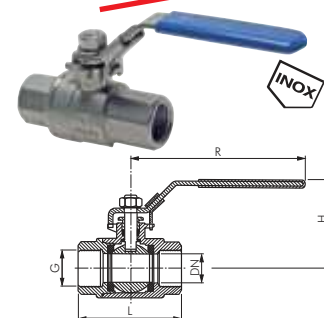
Lockable hand lever, please order the padlocks separately (see page 641). Length according to DIN 3202-M3

Operating range: Water, steam, oil, compressed air, fuels, solvents, aggressive media

Optional: Certificate 3.1

Type	G	DN	L	H	R	PN
KH 14 ES E*	G 1/4"	11.5	55	48	102	63 bar
KH 38 ES E	G 3/8"	12.5	60	48	102	63 bar
KH 12 ES E	G 1/2"	15.0	75	51	102	63 bar
KH 34 ES E	G 3/4"	20.0	80	57	129	63 bar
KH 10 ES E	G 1"	25.0	90	63	129	63 bar
KH 114 ES E	G 1 1/4"	32.0	110	74	153	63 bar
KH 112 ES E	G 1 1/2"	38.0	120	81	153	63 bar
KH 20 ES E	G 2"	50.0	140	94	190	63 bar
KH 212 ES E	G 2 1/2"	63.0	185	130	247	63 bar
KH 30 ES E	G 3"	76.0	205	137	247	63 bar

* length not according to DIN



The pressure-temperature diagram is found in the Online Shop



All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.