

Screw-in ball valves, 2-piece, full bore

Eco-Line/PN 25

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

Temperature range: Air: -20°C to max. +95°C

Operating range: Compressed air, water, oils

Optional: With butterfly handle -KN (1/4"-1 1/4")

Type	G1/G2	DN	L	H	R	PN	Replacement handles**
KH 14 B iA E	R/Rp 1/4"	9	48.5	38	75	25 bar	G KH 1438 B E
KH 38 B iA E	R/Rp 3/8"	10	50.0	38	75	25 bar	G KH 1438 B E
KH 12 B iA E	R/Rp 1/2"	15	57.5	43	85	25 bar	G KH 1234 B E
KH 34 B iA E	R/Rp 3/4"	19	63.8	46	85	25 bar	G KH 1234 B E
KH 10 B iA E	R/Rp 1"	24	74.5	54	113	25 bar	G KH 10 B E
KH 114 B iA E	R/Rp 1 1/4"	30	87.0	67	142	25 bar	G KH 114112 B E
KH 112 B iA E	R/Rp 1 1/2"	37	98.0	73	142	25 bar	G KH 114112 B E
KH 20 B iA E*	R/Rp 2"	47	113.5	83	175	25 bar	G KH 20 B E

* only suitable for water and oils, ** does not fit on ball valves with butterfly handle

Order example: KH 14 B iA E **

Standard type

Designation for the options:
Butterfly handle-KN

Screw-in ball valves, 2-piece, full bore

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

Operating range: Water (no steam), neutral, gaseous and non-aggressive, liquid media, mineral oils, compressed air, vacuum (max. -0.9 bar)

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

Screw-in ball valves, 2-piece, full bore, short design

up to 50 bar

Type standard	H	R	Type butterfly handle	H	R	G	DN	L	PN	Combi handle size*
KH 14 B iA	37	80	KH 14 B iA KN	37	24	G 1/4"	8	54.0	50 bar	1
KH 38 B iA	37	80	KH 38 B iA KN	37	24	G 3/8"	10	54.0	50 bar	1
KH 12 B iA	41	80	KH 12 B iA KN	41	24	G 1/2"	15	58.5	50 bar	1
KH 34 B iA	55	113	KH 34 B iA KN	47	31	G 3/4"	20	66.5	40 bar	3
KH 10 B iA	59	113	KH 10 B iA KN	51	31	G 1"	25	78.5	40 bar	3
KH 114 B iA	75	138	KH 114 B iA KN	64	35	G 1 1/4"	32	91.5	30 bar	4
KH 112 B iA	81	138	---	---	---	G 1 1/2"	40	105.5	30 bar	4
KH 20 B iA	96	158	---	---	---	G 2"	50	122.0	25 bar	5

* combi handles can be found on page 281.

Screw-in ball valves, 2-piece, full bore

up to 50 bar

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 - Standard handle in red, yellow, blue and black
 - Butterfly handle in colours red, yellow, blue, black and green
 - Flat steel handle in red, yellow and green (optional: lockable)
 - Long handle in red

Type standard	H	R	Type butterfly handle	H	R	G1/G2	DN	L	PN	Combi handle size*
KH 14 iA	37	80	KH 14 iA KN	37	24	R/Rp 1/4"	8	56.9	50 bar	1
KH 38 iA	37	80	KH 38 iA KN	37	24	R/Rp 3/8"	10	58.9	50 bar	1
KH 12 iA	49	89	KH 12 iA KN	44	27	R/Rp 1/2"	15	76.5	50 bar	2
KH 34 iA	58	113	KH 34 iA KN	50	31	R/Rp 3/4"	20	83.5	40 bar	3
KH 10 iA	61	113	KH 10 iA KN	53	31	R/Rp 1"	25	93.0	40 bar	3
KH 114 iA	75	138	---	---	---	R/Rp 1 1/4"	32	110.0	30 bar	4
KH 112 iA	91	158	---	---	---	R/Rp 1 1/2"	40	121.0	30 bar	5
KH 20 iA	98	158	---	---	---	R/Rp 2"	50	140.5	25 bar	5
KH 212 iA	127	250	---	---	---	G 2 1/2"	65	155.5	18 bar	7
KH 30 iA	136	250	---	---	---	G 3"	80	178.0	16 bar	7
KH 40 iA	154	250	---	---	---	G 4"	100	208.0	14 bar	7

* combi handles can be found on page 281, ** not for combi handle size 3

Ball valves with male threads, 2-piece, full bore

up to 20 bar

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

Temperature range: -20°C to max. +110°C

Operating range: Water (no steam), neutral, gaseous and non-aggressive, liquid media, mineral oils, fuel and compressed air, vacuum (max. -0.9 bar)

Type	G	DN	L	H	R	PN
KH 38 AA	G 3/8"	10	49	46	92	20 bar
KH 12 AA	G 1/2"	15	59	51	92	20 bar
KH 34 AA	G 3/4"	20	65	54	92	20 bar
KH 10 AA	G 1"	25	77	63	115	20 bar
KH 114 AA	G 1 1/4"	32	87	77	125	16 bar
KH 112 AA	G 1 1/2"	40	103	88	150	16 bar
KH 20 AA	G 2"	50	113	97	150	16 bar

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.

Especially good value!

