

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

Length according to DIN 3202-M3

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 standard	H	R	Type butterfly handle	H	R	G	DN	L	PN*	Combi handle size***
KH 14 DVGW	37	80	KH 14 DVGW KN	37	24	Rp 1/4"	10	49.5**	50 bar	1
KH 38 DVGW	37	80	KH 38 DVGW KN	37	24	Rp 3/8"	10	52.4**	50 bar	1
KH 12 DVGW	49	89	KH 12 DVGW KN	44	27	Rp 1/2"	15	75.0	50 bar	2
KH 34 DVGW	58	113	KH 34 DVGW KN	50	31	Rp 3/4"	20	80.0	40 bar	3
KH 10 DVGW	61	113	KH 10 DVGW KN	53	31	Rp 1"	25	90.0	40 bar	3
KH 114 DVGW	75	138	---	---	---	Rp 1 1/4"	32	110.0	30 bar	4
KH 112 DVGW	91	158	---	---	---	Rp 1 1/2"	40	120.0	30 bar	5
KH 20 DVGW	98	158	---	---	---	Rp 2"	50	140.0	25 bar	5

* for gas up to PN 5 bar/MOP 5, ** no DIN length, *** combi handles are found on page 281, **** not for combi handle size 3

Ball valves for drinking water, DVGW & KTW tested, EN 13828

up to 50 bar

Materials: Housing: Brass chrome-plated, lever: Zinc-plated steel, ball: Brass hard chrome-plated, seal: PTFE/NBR

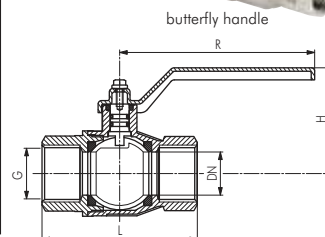
Temperature range: -20°C to max. +150°C

Operating range: Drinking water, water

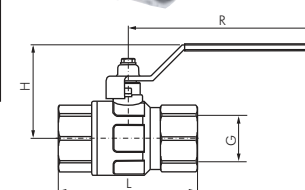
Type	G	DN	L	H	R	PN	Combi handle size*
KH 14 TW	Rp 1/4"	8	49.5	41.5	85.5	50 bar	1
KH 38 TW	Rp 3/8"	10	52.4	41.5	85.5	50 bar	1
KH 12 TW	Rp 1/2"	15	61.0	49.8	92.5	50 bar	2
KH 34 TW	Rp 3/4"	20	68.0	56.3	113.5	40 bar	3
KH 10 TW	Rp 1"	25	85.0	60.3	113.5	40 bar	3
KH 114 TW	Rp 1 1/4"	32	99.5	76.5	138.0	30 bar	4
KH 112 TW	Rp 1 1/2"	40	109.0	92.0	158.0	30 bar	5
KH 20 TW	Rp 2"	50	130.0	99.0	158.0	25 bar	5

* combi handles can be found on page 281

EN 331



KTW



Combi handles for ball valves made of nickel-plated brass

Type red	Type yellow	Type blue	Type black	Type green	Combi size
Standard (steel zinc-plated and painted, size 7: aluminium painted)					
KOMBI 1 S ROT	KOMBI 1 S GELB	KOMBI 1 S BLAU	KOMBI 1 S SCHWARZ	---	1
KOMBI 2 S ROT	KOMBI 2 S GELB	KOMBI 2 S BLAU	KOMBI 2 S SCHWARZ	---	2
KOMBI 3 S ROT	KOMBI 3 S GELB	KOMBI 3 S BLAU	KOMBI 3 S SCHWARZ	---	3
KOMBI 4 S ROT	KOMBI 4 S GELB	KOMBI 4 S BLAU	KOMBI 4 S SCHWARZ	---	4
KOMBI 5 S ROT	KOMBI 5 S GELB	KOMBI 5 S BLAU	KOMBI 5 S SCHWARZ	---	5
KOMBI 6 S ROT	KOMBI 6 S GELB	---	KOMBI 6 S SCHWARZ	---	6
KOMBI 7 S ROT	KOMBI 7 S GELB	---	KOMBI 7 S SCHWARZ	---	7
Butterfly (aluminium painted)					
KOMBI 1 K ROT	KOMBI 1 K GELB	KOMBI 1 K BLAU	KOMBI 1 K SCHWARZ	KOMBI 1 K GRUN	1
KOMBI 2 K ROT	KOMBI 2 K GELB	KOMBI 2 K BLAU	KOMBI 2 K SCHWARZ	KOMBI 2 K GRUN	2
KOMBI 3 K ROT	KOMBI 3 K GELB	KOMBI 3 K BLAU	KOMBI 3 K SCHWARZ	KOMBI 3 K GRUN	3
KOMBI 4 K ROT	---	KOMBI 4 K BLAU	KOMBI 4 K SCHWARZ	---	4
Long (aluminium painted, 60 - 68 - 74 - 78 - 82 - 88 - 120 mm high)					
KOMBI 1 L ROT	---	---	---	---	1
KOMBI 2 L ROT	---	---	---	---	2
KOMBI 3 L ROT	---	---	---	---	3
KOMBI 4 L ROT	---	---	---	---	4
KOMBI 5 L ROT	---	---	---	---	5
KOMBI 6 L ROT	---	---	---	---	6
KOMBI 7 L ROT	---	---	---	---	7
Flat steel (zinc-plated steel with plastic coating)					
KOMBI 1 F ROT	KOMBI 1 F GELB*	---	---	KOMBI 1 F GRUN	1
KOMBI 2 F ROT	KOMBI 2 F GELB*	---	---	KOMBI 2 F GRUN	2
KOMBI 3 F ROT	KOMBI 3 F GELB*	---	---	KOMBI 3 F GRUN	3
KOMBI 4 F ROT	KOMBI 4 F GELB*	---	---	KOMBI 4 F GRUN	4
KOMBI 5 F ROT	KOMBI 5 F GELB*	---	---	KOMBI 5 F GRUN	5
Lock adapter for closing the flat steel handle, 6 mm borehole for VHS 30 H lock					
KOMBI 1 F KEY	---	---	---	---	1
KOMBI 2 F KEY	---	---	---	---	2
KOMBI 3 F KEY	---	---	---	---	3

* with imprint "EN 331"

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.

