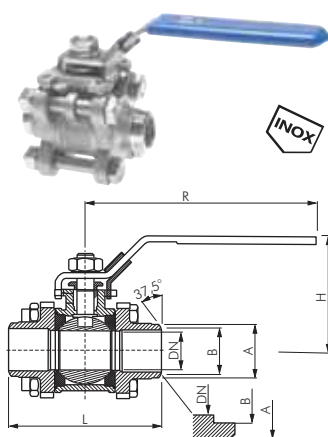


# Welding ball valves/discharge valves



The pressure-temperature diagram is found in our Online Shop.

## Stainless steel ball valves, 3-piece, full bore & welding ends

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

Length according to DIN 3202-S13, assembly flange according to ISO 5211, lockable hand lever, please order padlocks separately (see page 641).

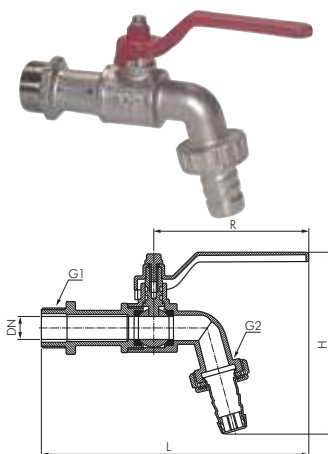
**Operating range:** Water, oil, compressed air, fuels, solvents, aggressive media

**Optional:** Certificate 3.1

Type	DN	L	A	B	H	R	PN	ISO 5211
KH 143 AS ES E	9.3	70	13.7	10.2	58	104	63 bar	F 03
KH 383 AS ES E	12.5	70	17.2	12.5	58	104	63 bar	F 03
KH 123 AS ES E	15.0	75	21.3	15.7	62	104	63 bar	F 03
KH 343 AS ES E	20.0	90	26.9	21.0	65	121	63 bar	F 03
KH 103 AS ES E	25.0	100	33.7	26.8	80	147	63 bar	F 04
KH 1143 AS ES E	32.0	110	42.4	35.1	85	147	63 bar	F 04
KH 1123 AS ES E	38.0	125	48.3	40.5	104	188	63 bar	F 05
KH 203 AS ES E	50.0	150	60.3	52.3	111	188	63 bar	F 05
KH 2123 AS ES E	63.0	190	76.1	62.5	138	250	63 bar	F 07
KH 303 AS ES E	76.0	220	88.9	77.5	146	250	63 bar	F 07
KH 403 AS ES E	96.0	270	114.3	102.3	190	318	63 bar	F 10

## Ball discharge valves

up to 15 bar



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

**Temperature range:** -20°C to max. +80°C

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

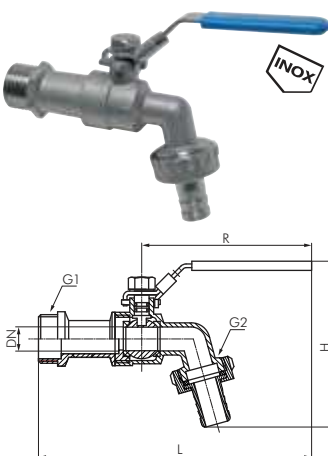
- Advantages:**
- By purchasing the optional combi handles (page 281), you can construct various handle variations:
    - Standard handle in red, yellow, blue and black
    - Toggle grip in colours red, yellow, blue, black and green
    - Flat steel handle in red, yellow and green (optional: lockable)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

Type	G 1	G 2	D	DN	L	H	R	PN	Combi handle size*
KHA 38	G 3/8"	G 3/4"	14.5	10	134.0	93	80.0	15 bar	1
KHA 12	G 1/2"	G 3/4"	14.5	12	137.0	93	80.0	15 bar	1
KHA 34	G 3/4"	G 1"	20.0	12	148.5	108	88.5	15 bar	2
KHA 10	G 1"	G 1 1/4"	26.0	15	158.0	126	88.5	12 bar	2

\* combi handles can be found on page 281.

## Stainless steel ball discharge valves

Eco-Line/PN 16



**Materials:** Housing: AISI 316, ball: AISI 316, handle: AISI 304, seal: PTFE/NBR

**Temperature range:** -10°C to max. +150°C

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

**Operating range:** Water, oil, fuels, compressed air, solvents

**Optional:** Certificate 3.1

Type	G 1	G 2	D	DN	L	H	R
KHA 12 ES E	G 1/2"	G 3/4"	13.0	9	145	87	92.0
KHA 34 ES E	G 3/4"	G 3/4"	16.0	13	155	87	92.0
KHA 10 ES E	G 1"	G 1"	27.5	15	185	120	115.0



PVC fabric hoses on page 208



PE canisters + buckets from page 642



Hose clamps from page 234

## Barrel taps self-sealing (with spring force) made of brass

**Materials:** Body: Brass, seal: NBR

**Temperature range:** 0°C to max. +75°C

**Operating ranges:** Petrochemical liquids

Type	G	DN	Discharge Ø internal
KHFA 34 MS	G 3/4" (MT)	10	15

