

3-way ball valves

up to 55 bar

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

Temperature range: -10°C to max. +120°C

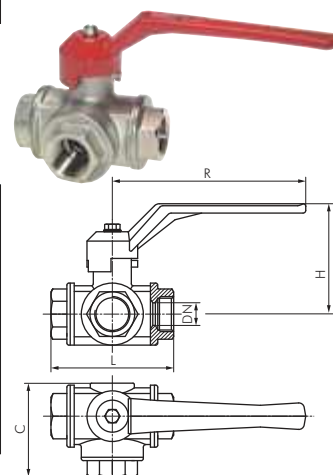
Switching position: Can be changed by moving the handle according to the table on page 299. The standard position for T boreholes is position T1.

Properties: Pressure inlet is possible from all the three sides.

Operating range: Water, compressed air, vacuum (max. -0.9 bar), oils, fuels (no diesel), heating oil, solvents, weak acids and alkalis.

Type L borehole	Type T borehole	G	DN	L	H	R	C	PN	Type replace handles
KH 3/14 L MS	KH 3/14 T MS	G 1/4"	10	77	65	125	60	55 bar	G KH3/14-12
KH 3/38 L MS	KH 3/38 T MS	G 3/8"	12	77	65	125	60	55 bar	G KH3/14-12
KH 3/12 L MS	KH 3/12 T MS	G 1/2"	14	77	65	125	60	50 bar	G KH3/14-12
KH 3/34 L MS	KH 3/34 T MS	G 3/4"	18	92	83	145	71	50 bar	G KH3/34
KH 3/10 L MS	KH 3/10 T MS	G 1"	23	104	96	170	82	45 bar	G KH3/10-112
KH 3/114 L MS	KH 3/114 T MS	G 1 1/4"	29	118	102	170	93	35 bar	G KH3/10-112
KH 3/112 L MS	KH 3/112 T MS	G 1 1/2"	36	138	109	170	109	35 bar	G KH3/10-112
KH 3/20 L MS	KH 3/20 T MS	G 2"	45	162	139	260	129	35 bar	G KH3/20
KH 3/212 L MS*	KH 3/212 T MS*	Rp 2 1/2"	50	194	124	240	158	20 bar	G KH3/212

* max. 80°C, no vacuum



3-way T ball valves with one-sided toggle grip, compact

PN 20

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

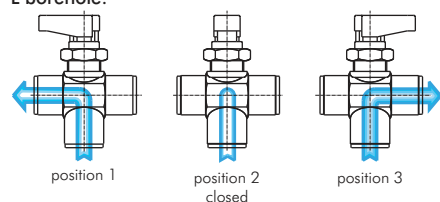
Temperature range: -20°C to max. +80°C

Operating range: Water (no steam), neutral, gaseous and non-aggressive, liquid media, mineral oils, compressed air, vacuum (max. -0.99 bar)

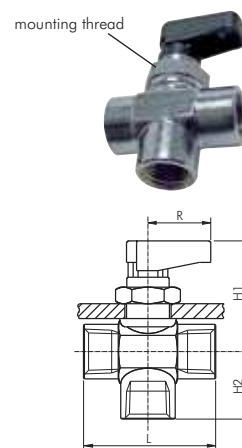
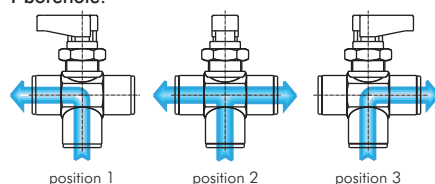
Switch panel mounting: Hole diameter: 14.5 mm, sheet metal thickness: Max. 4.5 mm

Type L borehole	Type T borehole	G	DN	L	H1	H2	R
KHTC 3/18 L	KHTC 3/18 T	G 1/8"	5.0	35	33.5	15.5	19
KHTC 3/14 L	KHTC 3/14 T	G 1/4"	5.0	37	33.5	17.5	19
KHTC 3/38 L	KHTC 3/38 T	G 3/8"	7.0	42	35.0	19.5	19

L borehole:



T borehole:



Stainless steel 3-way ball valves

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

Assembly flange according to ISO 5211, lockable hand lever, please order padlocks separately (see page 640).

Handle can be swivelled by 360°, many possible switching positions.

Switching position: Can be changed by moving the handle according to the table on page 299.

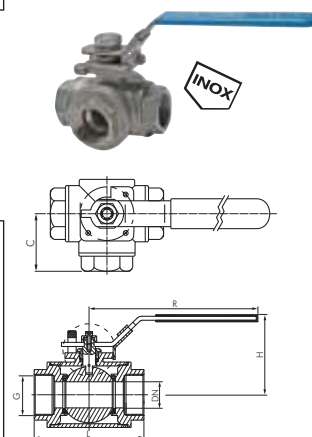
The standard position for T boreholes is T1.

Properties: Pressure inlet is possible from all the three sides.

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

Optional: Certificate 3.1

Type L borehole	Type T borehole	G	DN	L	H	R	C	ISO 5211
KH 3/14 L ES E	KH 3/14 T ES E	G 1/4"	11.6	76.0	67	150	37.3	F 04
KH 3/38 L ES E	KH 3/38 T ES E	G 3/8"	12.5	76.0	67	150	37.3	F 04
KH 3/12 L ES E	KH 3/12 T ES E	G 1/2"	12.5	76.0	67	150	37.3	F 04
KH 3/34 L ES E	KH 3/34 T ES E	G 3/4"	16.0	86.0	77	150	44.0	F 04
KH 3/10 L ES E	KH 3/10 T ES E	G 1"	20.0	99.1	83	180	49.0	F 05
KH 3/114 L ES E	KH 3/114 T ES E	G 1 1/4"	25.0	117.4	88	180	57.0	F 05
KH 3/112 L ES E	KH 3/112 T ES E	G 1 1/2"	32.0	123.8	116	243	61.3	F 07
KH 3/20 L ES E	KH 3/20 T ES E	G 2"	38.0	148.0	124	243	74.3	F 07



The pressure-temperature diagram is found in our 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.