

Stainless steel ball valves, 1-piece, reduced bore

PN 63

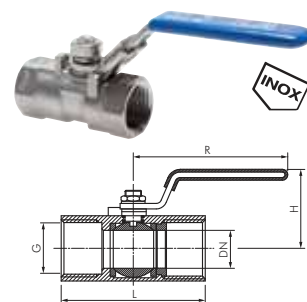
Materials: Housing: AISI 316, ball: AISI 316, seal: PTFE, handle: AISI 304
Temperature range: -20°C to max. +200°C
Operating range: Water, oil, compressed air, fuels, solvents, aggressive media
Optional: NPT thread -NPT, certificate 3.1

Type	G	DN	L	H	R	PN
KH 14 B ES	G 1/4"	5.0	39	33	71	63 bar
KH 38 B ES	G 3/8"	7.0	44	35	91	63 bar
KH 12 B ES	G 1/2"	9.2	55	40	95	63 bar
KH 34 B ES	G 3/4"	12.5	59	44	95	63 bar
KH 10 B ES	G 1"	15.0	69	60	113	63 bar
KH 114 B ES	G 1 1/4"	20.0	77	62	113	63 bar
KH 112 B ES	G 1 1/2"	25.0	81	64	141	63 bar
KH 20 B ES	G 2"	32.0	97	68	141	63 bar

Order example: KH 14 B ES **

Standard type

Designation for the options:
NPT thread-NPT



The pressure-temperature diagram is found in the Online Shop

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

up to 63 bar

Materials: Housing: AISI 316, ball: AISI 316, seal: PTFE, 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, oil, compressed air, fuels, solvents, aggressive media
Optional: NPT thread -NPT, certificate 3.1

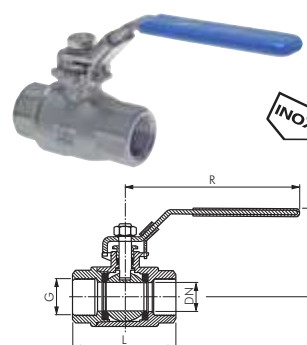
Type	G	DN	L	H	R	PN
KH 14 K ES	G 1/4"	11.5	55.3	57	106	63 bar
KH 38 K ES	G 3/8"	12.5	55.3	57	106	63 bar
KH 12 K ES	G 1/2"	15.0	64.7	60	106	63 bar
KH 34 K ES	G 3/4"	20.0	73.4	68	124	63 bar
KH 10 K ES	G 1"	25.0	84.8	77	153	63 bar
KH 114 K ES*	G 1 1/4"	32.0	99.5	82	153	63 bar
KH 112 K ES*	G 1 1/2"	38.0	112.7	98	194	63 bar
KH 20 K ES*	G 2"	50.0	129.0	105	194	40 bar
KH 212 K ES*	G 2 1/2"	65.0	170.0	145	258	40 bar
KH 30 K ES*	G 3"	80.0	192.0	155	258	40 bar

* only for non-hazardous liquids of fluid group II

Order example: KH 14 K ES **

Standard type

Designation for the options:
NPT thread-NPT



The pressure-temperature diagram is found in the Online Shop

Stainless steel ball valves, 2-piece, full bore

up to 130 bar

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), length according to DIN 3202-M3
Operating range: Water, oil, compressed air, fuels, solvents, aggressive media
Optional: Certificate 3.1

Type	G	DN	L	H	R	PN
KH 14 ES*	G 1/4"	11.5	60	55	105	130 bar
KH 38 ES	G 3/8"	12.5	60	55	105	130 bar
KH 12 ES	G 1/2"	15.0	75	57	105	130 bar
KH 34 ES	G 3/4"	20.0	80	68	123	130 bar
KH 10 ES	G 1"	25.0	90	73	155	130 bar
KH 114 ES	G 1 1/4"	32.0	110	85	155	63 bar
KH 112 ES	G 1 1/2"	38.0	120	97	191	63 bar
KH 20 ES	G 2"	50.0	140	104	191	63 bar
KH 212 ES	G 2 1/2"	65.0	185	145	255	40 bar
KH 30 ES	G 3"	80.0	205	156	255	40 bar

* length not according to DIN

Stainless steel ball valves, 2-piece, DVGW tested (PN 5/MOP 5)

up to 100 bar

Materials: Housing: AISI 316, ball: AISI 316, seal: PTFE, handle: AISI 304
Temperature range: -20°C to max. +150°C, gas: -20°C to max. +60°C
Assembly flange conforming to ISO 5211
Operating range: Water, oil, compressed air, vacuum (max. -0.9 bar), fuels, solvents, aggressive media, gases according to DVGW worksheet (e.g. natural gas, city gas, liquid gas up to 5 bar)
Optional: Pneumatic actuator -P, electric actuator** -E, certificate 3.1

Type	G	DN	L	H	R	PN*	ISO 5211
KH 38 DVGW ES	Rp 3/8"	10	55	52	110	100 bar	F 03
KH 12 DVGW ES	Rp 1/2"	15	65	55	110	100 bar	F 03
KH 34 DVGW ES	Rp 3/4"	20	70	66	140	100 bar	F 03
KH 10 DVGW ES	Rp 1"	25	85	70	140	100 bar	F 03
KH 114 DVGW ES	Rp 1 1/4"	32	95	85	180	64 bar	F 04
KH 112 DVGW ES	Rp 1 1/2"	40	105	91	180	64 bar	F 04
KH 20 DVGW ES	Rp 2"	50	125	105	230	40 bar	F 05

* for gas up to PN 4 bar

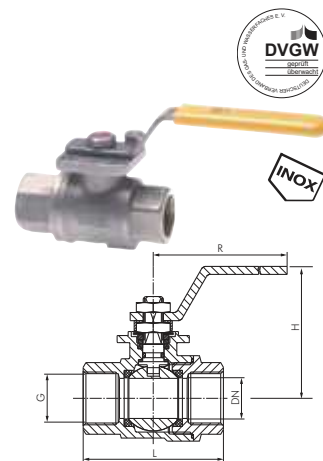
Order example: KH 12 DVGW ES **

Standard type

Designation for the options:
Pneumatic actuator-P
Electric actuator**-E

** please specify the exact operating case

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.



The pressure-temperature diagram is found in the Online Shop