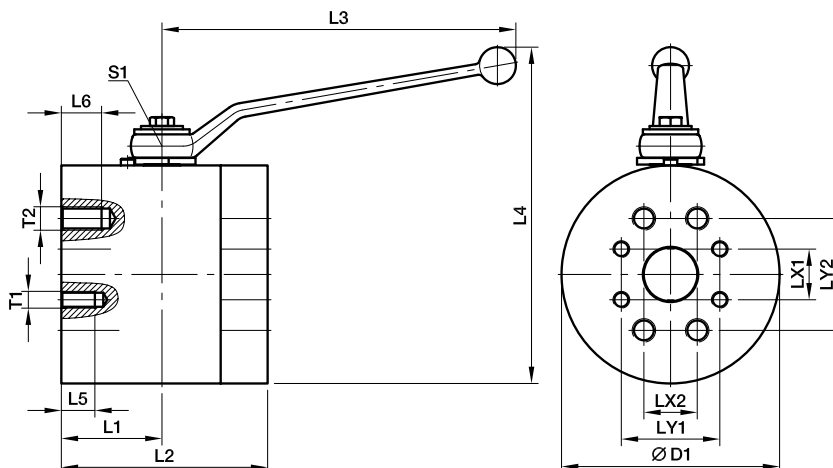




Ball valve flanges

KH-B3V-S Ball valve with SAE Flange connection

SAE Flange / Ball valve 2/2 way steel
(ISO 6162-1/-2)



3000 PSI Series / 6000 PSI Series

Nom. flange size		3000 PSI Connection												6000 PSI Connection						Weight (steel) kg/piece	Order code*	PN (bar) ¹⁾
SAE (in)	ISO (DN)	D1	L1	L2	L3	L4	S1	T1	UNC	LX1	LY1	L5	PN	T2	UNC	LX2	LY2	L6	PN			
1 1/4	32	130	60	123	320	158.5	17	M12	7/16-14	30.2	58.7	27	276	M14	1/2-13	31.8	66.7	24	420	11.3	KH32B3V35	420
1 1/2	40	140	61	126	320	168.5	17	M12	1/2-13	35.7	69.9	25	207	M16	5/8-11	36.5	79.4	26	420	13.1	KH40B3V36	420
2	50	160	79	158	320	178.5	17	M12	1/2-13	42.8	77.8	25	207	M20	3/4-10	44.4	96.8	34	420	21.2	KH50B3V38	420

¹⁾ Pressure shown = Item deliverable

The pressure specification PN for quarter turn ball valves applies to the design factor 1.5 (according DIN 3230 T5 and ISO 5208).

PN (bar)
10 = PN (MPa)

Materials:

Body made of steel, coating DIN 50938-FE/A/T4,
ball of hard chrome plated carbon steel, stem of zinc plated steel.

Applications:

Suitable for petroleum-based hydraulic fluid, lubricants and fuel oil.
For air applications suitable up to 100 bar.

Seals:

Ball seat of POM (e.g. Delrin), stem seal of NBR (e.g. Perbunan).

Temperature range:

-10 up to +100° C



Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel, zinc plated, Cr(VI)-free	CF	KH32B3V35CFX	POM / NBR
Steel	DIN 50938-FE//A/T4	KH32B3V35X	POM / NBR

