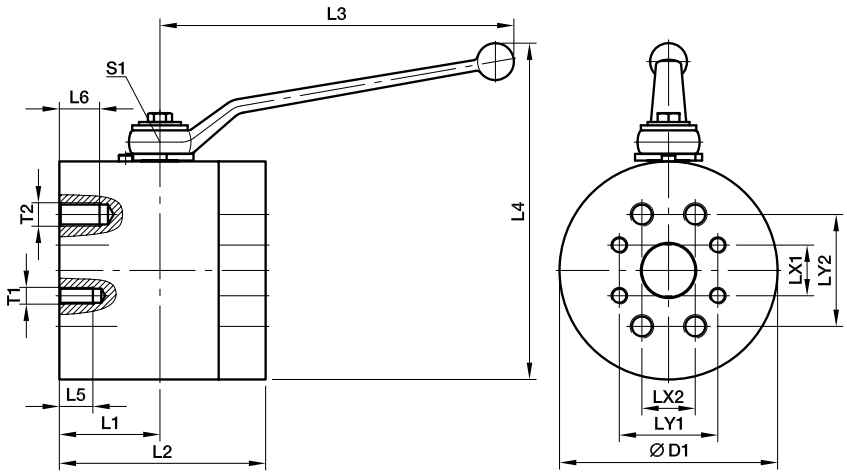
KH-B3V-S Ball valve with SAE Flange connection

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



3000 PSI Series / 6000 PSI Series

Nom. flange size								3000 PSI Connection						6000 PSI Connection						Weight	Order	PN
SAE (in)	ISO (DN)	D1	L1	L2	L3	L4	S1	T1						T2						(steel) kg/piece	code*	(bar)[1]
									UNC	LX1	LY1	L5	PN		**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).

$\frac{\text{PN (bar)}}{10}$ = 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.

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

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

Temperature range:
–10 up to +100° C

P

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

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark