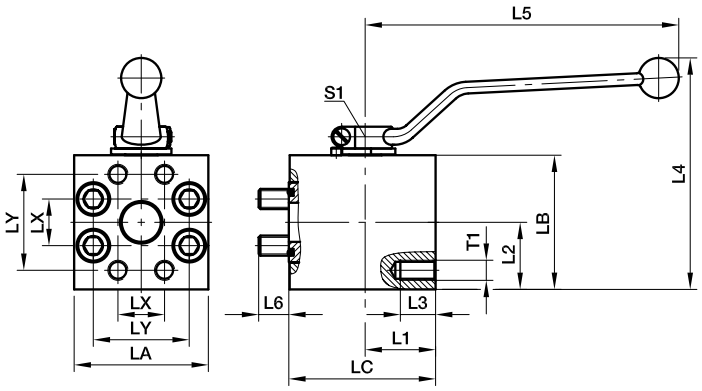
KH-B1V-S Ball valve with SAE Flange connection (6000 PSI)

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



6000 PSI Series

Nom. flange size SAE (in)	Nom. flange size ISO (DN)	L1	L2	L3	L4	L5	L6	LX	LY	LA	LB	LC	S1	T1	Screws (metr.)	O-ring	Weight (steel) kg/piece	Order code*	PN (bar)[1] S
1/2	12	32.0	28.5	19	107	112	13.5	18.2	40.5	60	55	60.5	10	M 8	M 08×65	18.66×3.53	1.29	**KH12B1V62**	420
3/4	20	31.0	35.0	16	134	187	14.0	23.8	50.8	70	70	62.5	14	M10	M 10×65	25.00×3.53	2.15	**KH20B1V63**	420
1	25	39.0	40.0	21	144	187	18.0	27.8	57.2	80	80	75.5	14	M12	M 12×80	32.92×3.53	2.95	**KH25B1V64**	420
1 1/4	32	43.5	50.0	23	129	320	18.0	31.8	66.7	100	100	82.0	17	M12*	M 12×85	37.70×3.53	6.21	**KH32B1V65**	420
1 1/2	40	53.5	60.0	26	149	320	18.0	36.5	79.4	120	120	99.0	17	M16	M 16×100	47.22×3.53	9.50	**KH40B1V66**	420
2	50	61.0	61.5	34	153	320	22.0	44.5	96.8	134	124	109.5	17	M20	M 20×100	56.74×3.53	12.80	**KH50B1V68**	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)

*M14 deliverable on request. **KH32B1V65/14**

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	KH12B1V62CFX	POM / NBR
Steel	DIN 50938-FE//A/T4	KH12B1V62X	POM / NBR

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