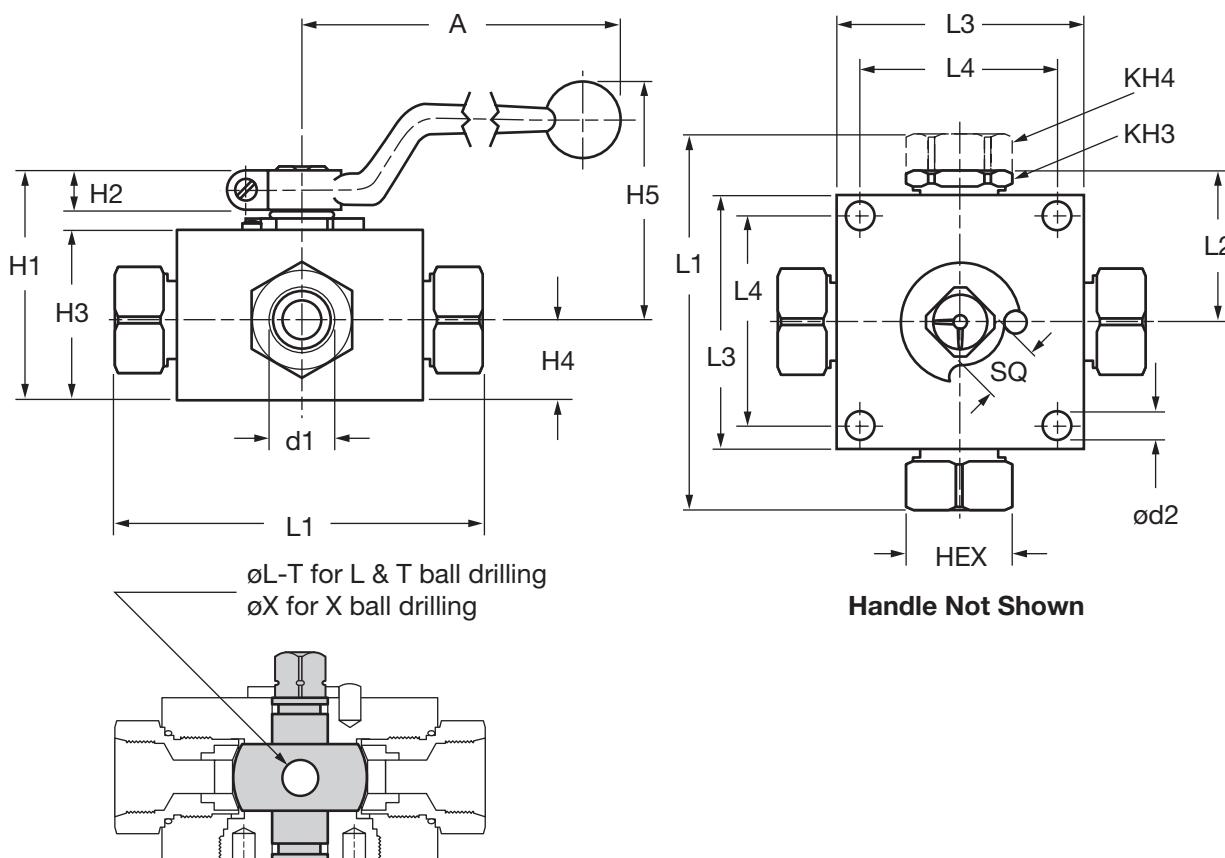
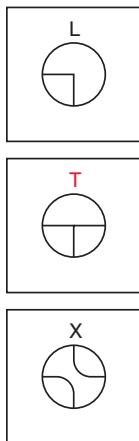


Dimensions

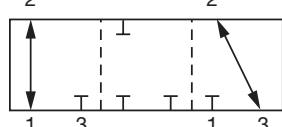


Ball Drilling



Function Diagrams

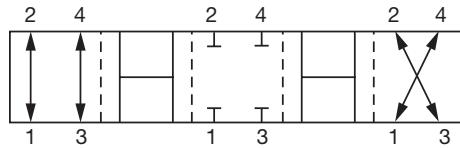
3-Way Ball Valve L-Bore



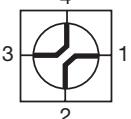
90° Switch



4-Way Ball Valve X-Bore



90° Switch



Notes: These are positive overlap valves. At approximately 45° rotation, flow will be blocked to all ports.
For "T" function diagram, contact HYDAC.

Model	d1	Max. psi*	A	L1	L2	L3	L4	H1	H2	H3	H4	H5	ød2	SQ	HEX	øL-T	øX	Wt.
KH...06SAE	7/16"-20 UNF	7250	6.42 (163)	3.94 (100)	1.67 (42.5)	2.76 (70)	2.17 (55)	2.28 (58)	0.51 (13)	1.57 (40)	0.87 (22)	2.48 (63)	0.26 (6.5)	0.47 (12)	0.95 (24)	0.20 (5)	0.18 (4.5)	3.5 (1.6)
KH...06NPT	1/4" NPT																	
KH...10SAE	9/16"-18 UNF	7250	7.20 (183)	4.53 (115)	1.81 (46)	3.15 (80)	2.56 (65)	2.72 (69)	0.55 (14)	1.97 (50)	1.06 (27)	2.95 (75)	0.26 (6.5)	0.55 (14)	1.18 (30)	0.35 (9)	0.24 (6)	5.3 (2.4)
KH...10NPT	3/8" NPT																	
KH...12SAE	3/4"-16 UNF	5800	7.20 (183)	5.32 (135)	2.20 (56)	3.94 (100)	3.15 (80)	3.11 (79)	0.55 (14)	2.36 (60)	1.22 (31)	3.46 (88)	0.35 (9)	0.55 (14)	1.42 (36)	0.47 (12)	0.39 (10)	9.5 (4.3)
KH...12NPT	1/2" NPT																	
KH...20SAE	1 1/16"-12 UN	4500	8.94 (227)	5.67 (144)	2.26 (57.5)	3.94 (100)	3.35 (85)	3.68 (93.5)	0.61 (15.5)	2.87 (73)	1.42 (36)	3.82 (97)	0.35 (9)	0.67 (17)	1.81 (46)	0.71 (18)	0.55 (14)	13.2 (6.0)
KH...20NPT	3/4" NPT																	

Dependent upon valve and seal materials selected.

Notes:

- Dimensions are in inches (mm) and lbs (kg)
- Dimensions are for general information only, all critical dimensions should be verified by requesting a certified print.