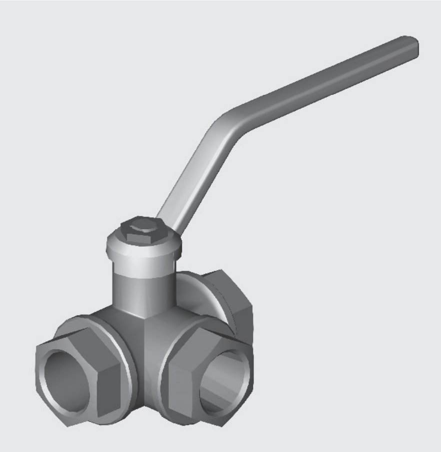
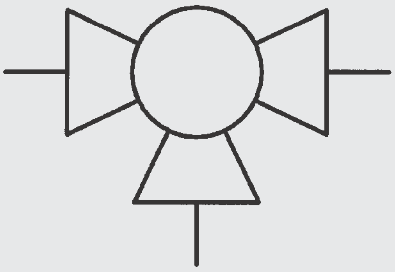




PN up to 55
DN 08 - 50

Change over low pressure ball valves
KHN3K

Model code
(also order example)

KHN3K G1/2 L 2233 12 X

Designation
KHN3K = change-over low pressure ball valve

Type of connection
Thread size or pipe outer Ø and type of connection

Ball bore
L
T

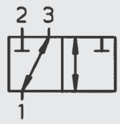
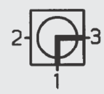
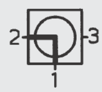
Materials
Housing, connection adapters
2 = nickel-plated brass
Ball, control spindle
2 = brass, hard-chromed
Ball seal
3 = PTFE (Teflon)
Control spindle seal
3 = PTFE (Teflon)

Handle
12 = aluminium bolt-on handle, cranked, fitted

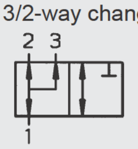
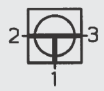
Series
(determined by manufacturer)

Switching functions (as supplied)

3/2-way change-over ball valve — L-bore — 90° switch

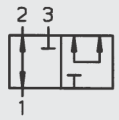




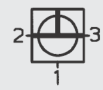
3/2-way change-over ball valve — T-bore — 90° switch

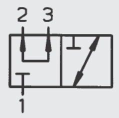
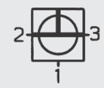

By transposing the control spindle through 90°, the following switching positions can also be achieved.

3/2-way change-over ball valve — T-bore — 90° switch

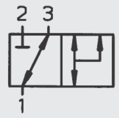




3/2-way change-over ball valve — T-bore — 90° switch


3/2-way change-over ball valve — T-bore — 90° switch

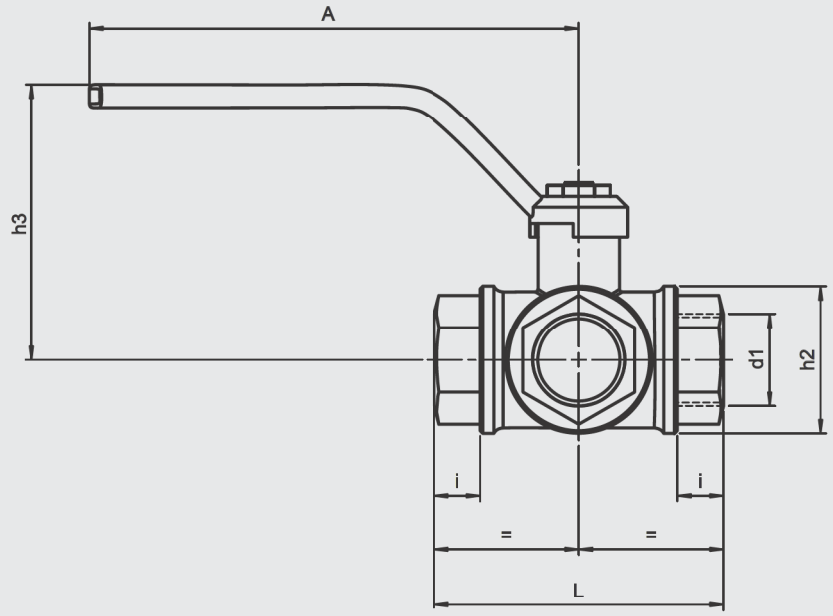


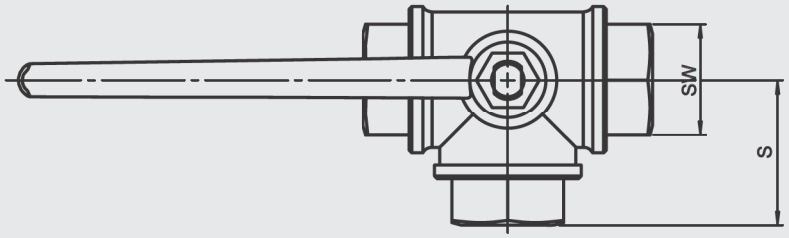
EN 5.511.12/05.20

Technical specifications

Connection:	Whitworth female thread to ISO 228
Mounting position:	No orientation restrictions
Ambient temperature:	-20 °C to +150 °C
Nominal pressure:	up to 55 bar
Operating fluids:	Mineral oil to DIN 51524 part 1 and part 2, water and compressed air (other media on request)
Temperature of operating fluid:	-20 °C to +150 °C

Dimensions





Type	Ball bore	Size d_1	L [mm]	h2 [mm]	SW	A [mm]	i [mm]	Nominal bore DN	S [mm]	h3 [mm]	Nominal pressure PN [bar]	[psi]	Weight [kg]
KHN3K-G1/4	L, T	1/4"	77	39	22	125	19	8	38.5	65.5	55	800	0.78
KHN3K-G3/8	L, T	3/8"	77	39	22	125	19	10	38.5	65.5	55	800	0.74
KHN3K-G1/2	L, T	1/2"	77	39	27	125	19	15	38.5	65.5	50	725	0.77
KHN3K-G3/4	L, T	3/4"	92	47	34	145	23	20	46.5	83.5	50	725	1.26
KHN3K-G1	L, T	1"	104	55	41	170	25	25	52.5	96.5	45	650	1.91
KHN3K-G11/4	L, T	1 1/4"	118	65	50	170	27	32	59.5	101.5	35	500	2.64
KHN3K-G11/2	L, T	1 1/2"	138	79	57	170	31	40	69.5	105.5	35	500	4.2
KHN3K-G2	L, T	2"	162	93	70	260	36	50	81.5	139.5	35	500	6.66

NOTE

The information in this brochure relates to the operating conditions and applications described. For applications and operating conditions not described, please contact the relevant technical department.

The operator is always responsible for determining the product suitability for the specific application. Quantified values for product characteristics are average values for a new product that undergo a time deterioration process.

Subject to technical modifications and errors.