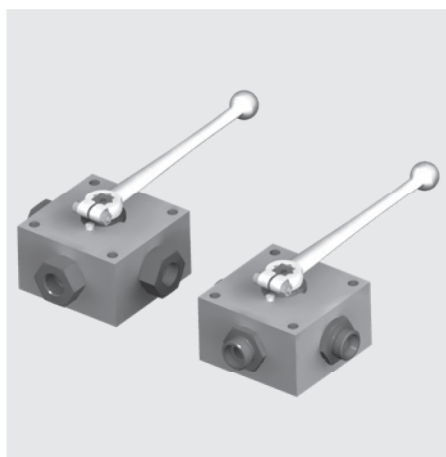
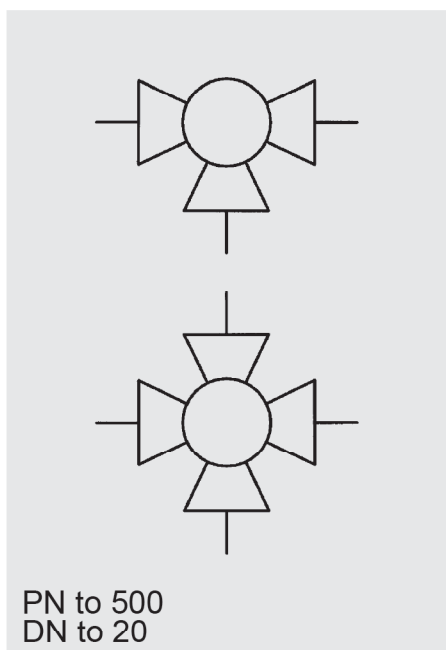




Multiway ball valves KH3 / KH4

Model code
(also order example)

KH3 G1/2 L 1114 06 X



Designation

KH3 = 3-way ball valve
KH4 = 4-way ball valve

Type of connection

G = Whitworth female thread ISO 228
LR = threaded connection - light range DIN 2353
SR = threaded connection - heavy range DIN 2353
NPT = female thread ANSI B 1.20.1
SAE = female thread SAE J 514 UN/UNF

Ball bore

KH3 - L
KH3 - T
KH4 - T
KH4 - X

Materials

Housing, connection adapters

1 = steel
3 = stainless steel

Ball, control spindle

1 = steel
3 = stainless steel

Ball seal

1 = POM
3 = PTFE
8 = PEEK

Control spindle seal

2 = NBR (Perbunan)
4 = FKM (Viton)

Handle

01 = aluminium clamped handle, straight
02 = aluminium clamped handle, cranked
03 = zinc die-cast clamped handle, straight
04 = zinc die-cast bolt-on handle, cranked
06 = steel bolt-on handle, cranked
09 = without handle

Series

(determined by manufacturer)

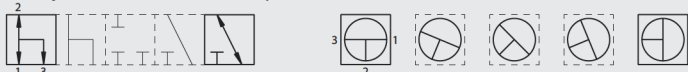
Standard model functions

(available as standard)

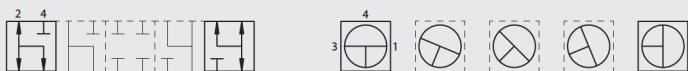
3-way ball valve L bore, 90°, pos.



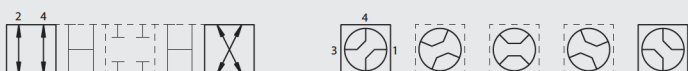
3-way ball valve T bore, 90°, pos.



4-way ball valve T bore, 90°, pos.



4-way ball valve X bore, 90°, pos.



Non-standard model functions

For different applications, it is possible to produce other non standard models by using special limit discs and detent pins.

3-way ball valve SO 926, 90°, pos.



3-way ball valve SO 376, 45°, neg.



3-way ball valve SO 377, 45°, neg.



3-way ball valve 180°, pos.



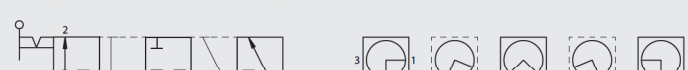
3-way ball valve SO 926.1, 180°, pos.



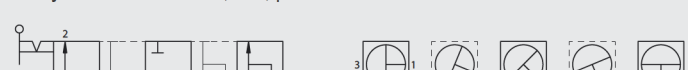
3-way ball valve SO 926.2, 180°, pos.



3-way ball valve SO 378, 90°, pos.



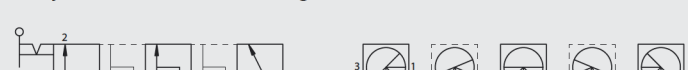
3-way ball valve SO 379, 90°, pos.



3-way ball valve SO 381, 90°, neg.



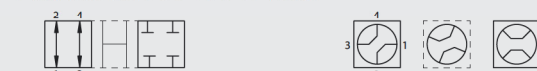
3-way ball valve SO 382, 90°, neg.



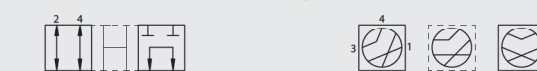
3-way ball valve SO 380, 90°, neg.



4-way ball valve SO 384, 45°, neg.



4-way ball valve SO 383, 45°, neg.



4-way ball valve 180°, pos.



4-way ball valve 180°, pos.



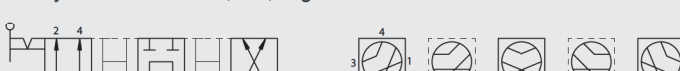
4-way ball valve SO 385, 90°, pos.



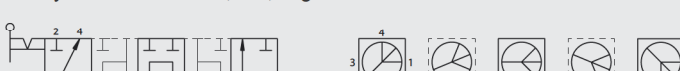
4-way ball valve SO 389, 90°, pos.



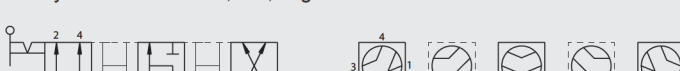
4-way ball valve SO 388, 90°, neg.



4-way ball valve SO 391, 90°, neg.



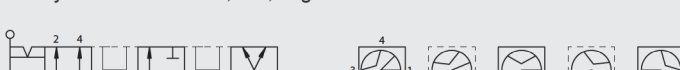
4-way ball valve SO 386, 90°, neg.



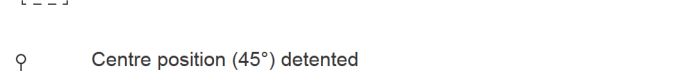
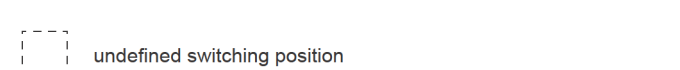
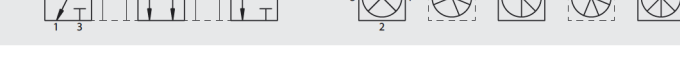
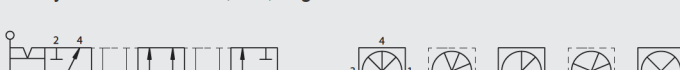
4-way ball valve SO 392, 90°, neg.



4-way ball valve SO 387, 90°, neg.



4-way ball valve SO 390, 90°, neg.

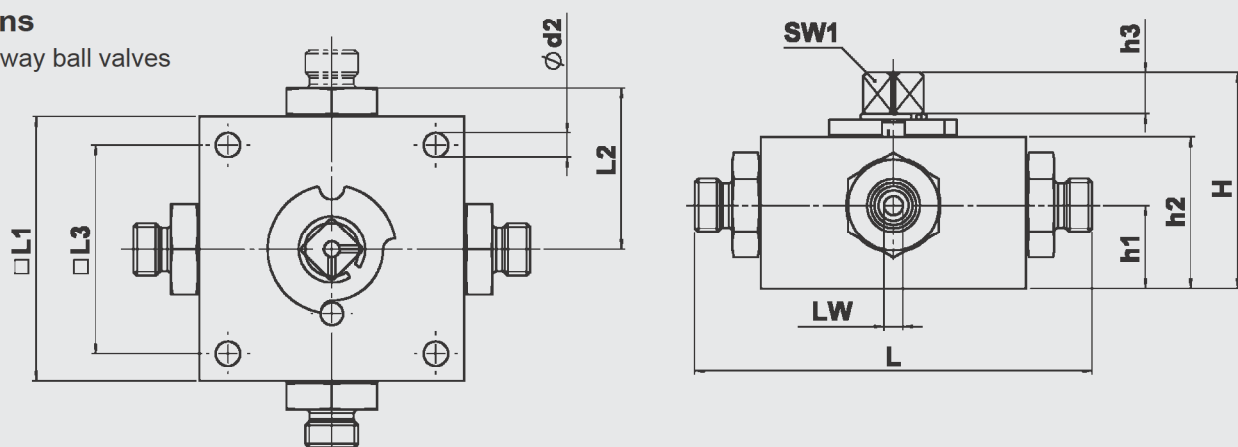


undefined switching position

Centre position (45°) detented

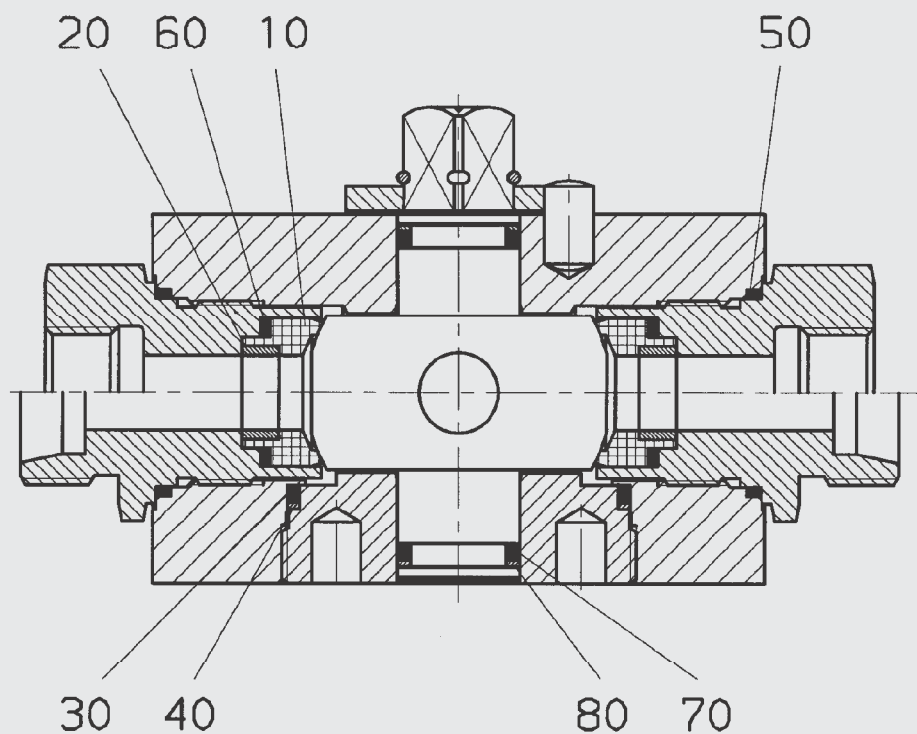
Types of connection:	Light and heavy threaded connection to DIN 2353 Whitworth female thread to ISO 228 NPT SAE
Mounting position:	No orientation restrictions
Ambient temperature:	-10 °C to +80 °C
Nominal pressure:	up to PN 500
Operating fluids:	Mineral oil to DIN 51524 part 1 and part 2 (other fluids on request)
Temperature of operating fluid:	-10 °C to +80 °C
Spare parts:	Seal kits available on request

3-way and 4-way ball valves



Type	DN	Bore int. diam.			RA	d1	l	L	L1	L2	L3	H	h1	h2	h3	d2	SW1	SW2	Weight [kg]	Norm. press. PN [bar]
		L	T	X																
KH3/4-10SAE	10	9	9	6		9/16-18 UNF	13	115	80	46	65	63.5	27	50	11.5	6.5	14	30	2.68	500
KH3/4-12SAE	12	9	9	10		3/4-16 UNF	15	135	100	56	80	75.5	31	60	11.5	9	14	36	4.75	400
KH3/4-20SAE	20	13	13	14		1 1/16 - 12 UN	20	144	100	58	85	91	36	73	10.5	9	17	46	6.1	315

Spare parts (seal kit)



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.

Seal kit	Order no. = part no.
DN 04/06	703 028
DN 08/10	703 017
DN 12/16	703 129
DN 20	703 029

The parts indicated by numbers in the above drawing are contained in the seal kit.