

Ball Valves block-type BKH Series 040



DN 4 to Dn 25

Body, connecting parts, ball and stem steel

Fields of application :

Hydraulics, particularly in construction industry and agricultural machinery, water engineering, mining industry, paint industries.

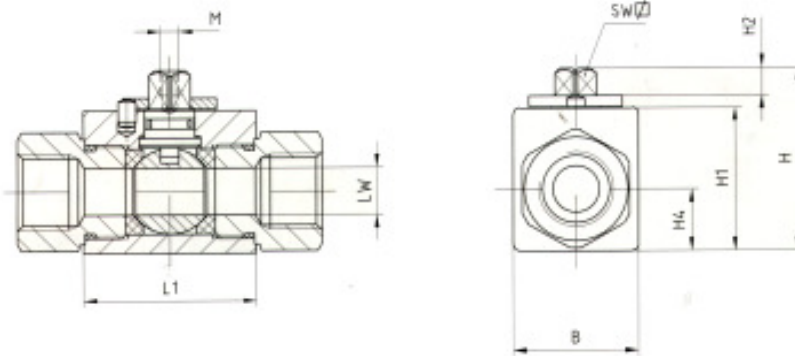
Body : Steel

Ball : Steel nickel pl.

Stem : Steel zinc pl.

Ball sealing : Polymid/POM(DN16)

Stem sealing : NBR



Body dimensions valid for all combinations

DN	PN bar	L1 mm	B mm	H mm	H1 mm	H2 mm	H4 mm	M mm	SW mm
4	500	36	26	43.5	32	8	13	M5	9
6	500	36	26	43.5	32	8	13	M5	9
8	500	36	26	43.5	32	8	13	M5	9
10	500	43	32	49	38	8	16	M5	9
13	500	48	35	51	40	12	17.5	M5	9
16	500	48	38	62	46	12	19	M6	12
20	400	62	49	73	57	12	24.5	M6	14
25	350	66	60	76	60	12	26.5	M6	14

Measurements subject to alteration.

BSP female Thread DIN/ISO 228	DN	LW	D	L	i	SW1	NPT female Thread ANSI B 2.1	DN	LW	D	L	i	SW1
	mm	mm		mm	mm	mm		mm	mm		mm	mm	mm
	4	5	G 1/8	69	9	22		4	5	1/8-27	69	12	22
	6	6	G 1/4	69	12	22		6	6	1/4-18	69	17	22
	10	8	G3/8	69	12	22		10	10	3/8-18	73	17	27
	10	10	G3/8	73	12	27		13	13	1/2-14	92	22	30
	13	13	G1/2	85	14	30		20	20	3/4-14	97	23	41
	16	15	G1/2	84	14	32		25	24	1-11.5	113	27	46
	20	20	G3/4	96	17	41		32	24	1.1/4-11.5	131	28	50
	25	24	G1	113	19	46		40	24	1.1/2-11.5	139	28	55
	32	24	G1.1/4	121	20	50							
	40	24	G1.1/2	124	24	55							

Three-way Ball Valves BK3/SK3

L or T bore Series 100



DN 4 to Dn 50

Body, ball and stem steel, from DN 20 on body forged Steel

Fields of application :

Hydraulics, agricultural and mobile hydraulics stainless steel versions are used in chemical and petrochemical industry, painting industry.

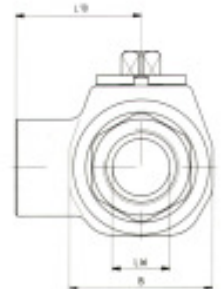
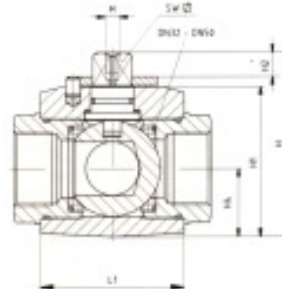
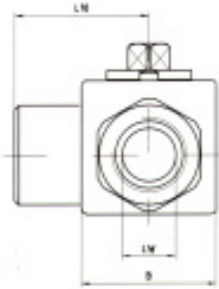
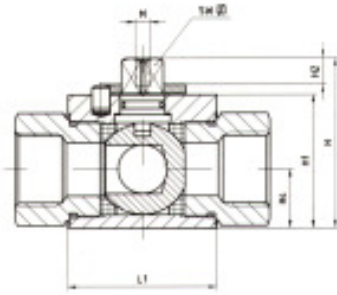
Body : Steel

Ball : Steel nickel pl.

Stem : Steel zinc pl.

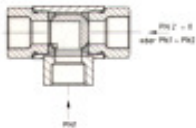
Ball sealing : POM

Stem sealing : NBR



Body dimensions valid for all combinations

DN	PN bar	L1 mm	B mm	H mm	H1 mm	H2 mm	H4 mm	M mm	SW mm
4	400	36	26	43.5	32	8	13	M5	9
6	400	36	26	43.5	32	8	13	M5	9
8	400	36	26	43.5	32	8	13	M5	9
10	400	43	32	49	38	8	16.5	M5	9
13	350	48	35	51	40	8	17.5	M5	9
16	350	48	38	62	46	12	19	M6	12
20	350	61	49	73	57	12	24.5	M6	14
25	350	65	60	76	60	12	26.5	M6	14
32	350	80	76	104	84	13.5	38	M8	17
40	350	85	83	111	92	13.5	41.5	M8	17
50	350	100	100	130	111	13.5	50	M8	19



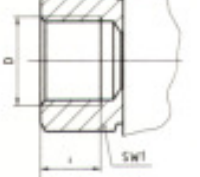
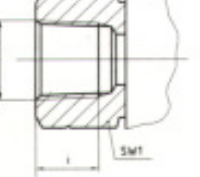
Measurements subject to alteration.

The sealing function of BK3/SK3-standard valves is only given when the pressure standing on the closed port is zero or if the pressure between the connected ports is higher than the pressure on the closed port.

No shut-off position for third port possible! To apply **pressure from all ports** (PN1=PN2), a special variant is required. Add **A** to the order coder.

L-bore order-code : L	L-bore, positive overlap order-code : P	T-bore order-code : T	T-bore order-code : T180°

* only pressurizing of third port possible in middle position (90°)

BSP female Thread DIN/ISO 228								NPT female Thread ANSI B 2.1							
	DN mm	LW mm	D	L mm	L10 mm	i mm	SW1 mm		DN mm	LW mm	D	L mm	L10 mm	i mm	SW1 mm
	4	5	G 1/8	69	32	9	22		4	5	1/8-27	69	32	12	22
	6	6	G 1/4	69	32	12	22		6	6	1/4-18	69	32	17	22
	10	7	G 3/8	69	37	12	22		10	9	3/8-18	73	35	17	27
	10	9	G 3/8	73	35	12	27		16	11.5	1/2-14	92	42	22	30
	13	11.5	G 1/2	85	37	14	30		20	18	3/4-14	97	47	23	41
	16	14	G 1/2	84	38	14	32		25	22	1-11.5	113	55	27	46
	20	18	G 3/4	96	47	17	41		32	22	1.1/4-11.5	131	55	28	50
	24	22	G 1	113	55	19	46		40	22	1.1/2-11.5	139	74	28	55
	32	22	G 1.1/4	121	55	20	50		32	30	1.1/4-11.5	115	70	28	60
	32	30	G 1.1/4	110	70	20	60		40	35	1.1/2-11.5	135	75	28	70
	40	35	G 1.1/2	120	72	24	70		50	44	2-11.5	140	85	30	85
50	44	G 2	140	85	28	85									