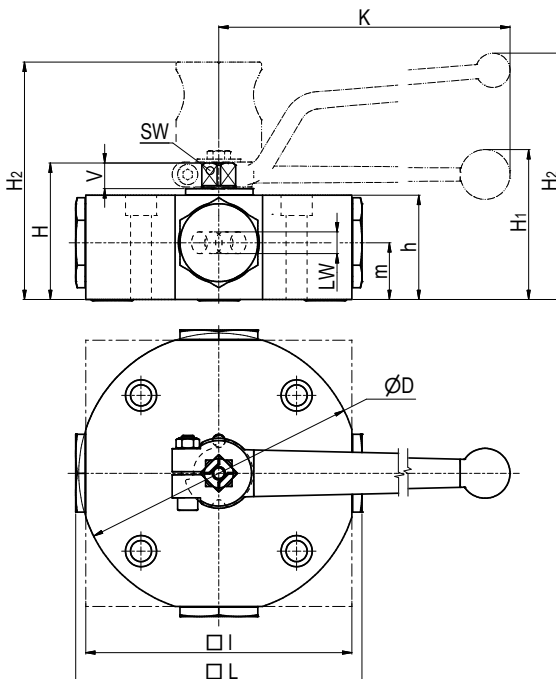


Multiway ball valve for manifold mounting Steel

MPKH4



AVAILABLE SIZES

DN6 - DN40 (1/4" to 1 1/2")

ACCESSORIES ON REQUEST

- Locking devices on request
- Actuators page 228 - 229
- Position switches on request

MATERIAL CODE DESCRIPTION

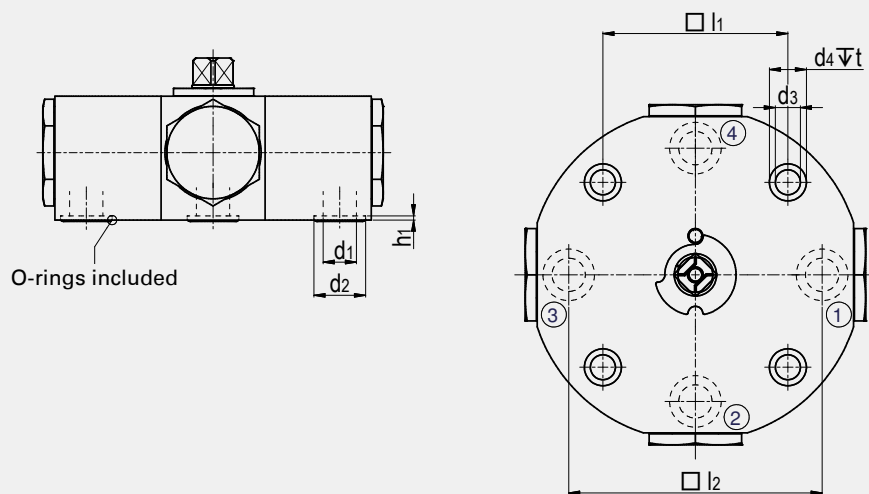
Materials	112A	112A	1128	1128
Body	Steel	Steel	Steel	Steel
Trunnion ball	Steel	Steel	Steel	Steel
Ball seats	POM	POM	POM	POM
O-rings	NBR	NBR	FPM	FPM
Tmin / Tmax	-20°C / 100°C	-20°C / 100°C	-20°C / 100°C	-20°C / 100°C
Porting pattern	T=SB13	X=SB14	T=SB13	X=SB14

GENERAL DIMENSIONS

Type	LW _T	LW _x	I	L	D	H	h	m	V	SW	K	H ₁	H ₂	Lever	Weight [Kg]
MPKH4-DN6	5	4	90	102	-	58	40	22	13	12	160	-	101	Al	2,40
MPKH4-DN10	8	7	100	111	-	68	50	27	14	14	200	72	-	Zn	3,70
MPKH4-DN13	13	10	140	154	150	78	60	31	14	14	200	82	-	Zn	7,50
MPKH4-DN20	18	14	171	184	180	88	67	36,5	16,5	17	320	97	-	Al	12,00
MPKH4-DN25	23	17	205	225	215	96	75	40,5	16,5	17	320	106	-	Al	19,00
MPKH4-DN32	32	25	260	288	275	147	115	62	26	22	600	-	193	St ⁽¹⁾	56,60
MPKH4-DN40	38	32	301	332	315	156	125	65	25	22	600	-	204	St ⁽¹⁾	60,70

⁽¹⁾ Lever must be fixed centrally during operation. In case of vibration the lever may otherwise operate the valve by itself.

CONNECTION



CONNECTION DIMENSIONS

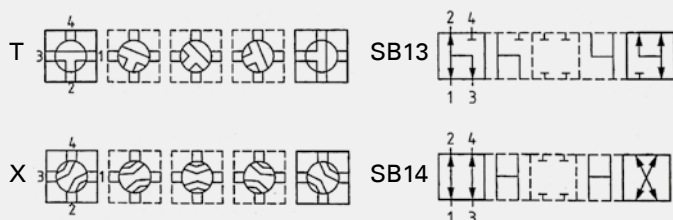
Type	l_1	l_2	d_1	d_2	h_1	O-ring	d_3	d_4	t	Dimension of screws (min)	Torque of screws in Nm
MPKH4-DN6	70	68,6	6	14	2	9x2,5	11	18	11	4 x M10 - 10.9	60
MPKH4-DN10	80	81	8	14,3	2	9,5x2,5	11	18	11	4 x M10 - 10.9	60
MPKH4-DN13	90	115,4	13	19,8	2	15x2,5	13,5	20	13	4 x M12 - 10.9	100
MPKH4-DN20	100	137	18	27,9	2,3	22x3	13,5	20	13	4 x M12 - 12.9	110
MPKH4-DN25	115	162	23	31,9	2,3	26x3	18	26	18	4 x M16 - 12.9	300
MPKH4-DN32	148,5	180	32	39,9	2,3	34x3	22	33	21,5	4 x M20 - 12.9	600
MPKH4-DN40	155,5	206	38	55,9	2,3	50x3	26	40	25,5	4 x M24 - 12.9	1000

ORDER CODE PER MATERIAL COMBINATION

PN [bar]	112A T=SB13	112A X=SB14	1128 T=SB13	1128 X=SB14
400	30629	29141	38475	35624
315	38467	29140	38476	19172
315	22200	26983	38477	38482
250	38468	38471	38478	31163
250	11603	38472	38479	38483
250	38469	38473	38480	38484
250	38470	38474	38481	38485

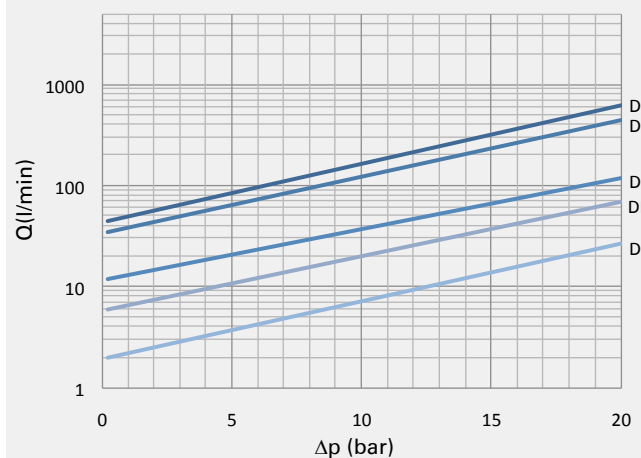
Due to material availability the material code of the steel valves may vary from 112A (or 1128). DN13-40=812A (or 8128). Material suitability for the application does not differ from 112A (or 1128).

PORTING PATTERNS



Further porting patterns page 274 to 279

FLOW CHARACTERISTICS MPKH-X/T



The flow values are measured with usage of hydraulic oil (spissitude 880 kg/m³) and the kinematic viscosity of 35 mm²/s.