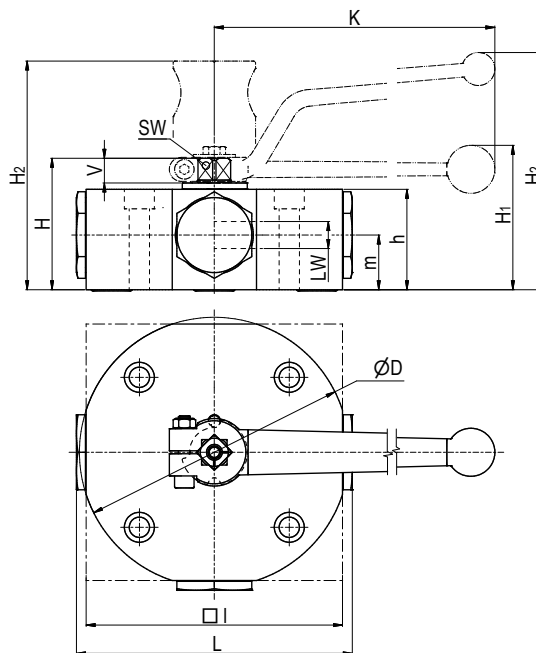


Multiway ball valve for manifold mounting Steel

MPKH3



Manifold

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	L=SB01	T=SB02	L=SB01	T=SB02

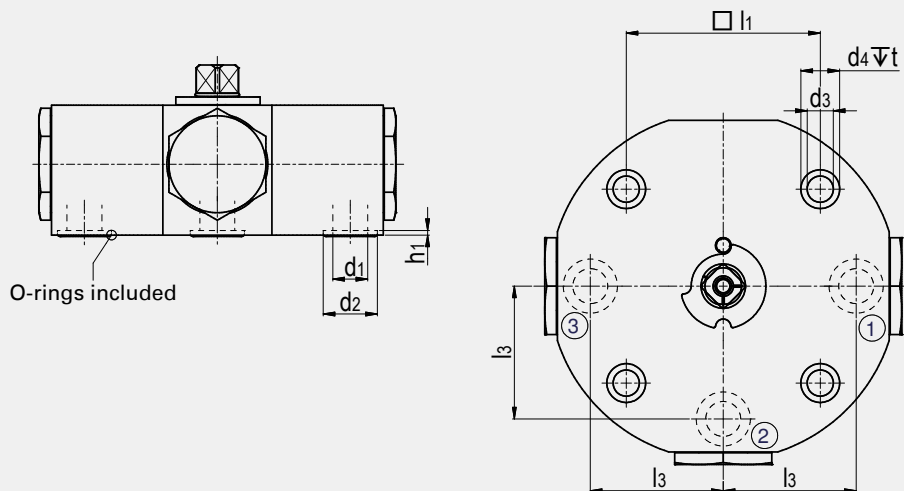
GENERAL DIMENSIONS



Type	LW _{LT}	I	L	D	H	h	m	V	SW	K	H ₁	H ₂	Lever	Weight [Kg]
MPKH3-DN6	5	90	102	-	58	40	22	13	12	160	-	101	Al	2,50
MPKH3-DN10	8	100	111	-	68	50	27	14	14	200	72	-	Zn	3,80
MPKH3-DN13	13	140	154	150	78	60	31	14	14	200	82	-	Zn	7,50
MPKH3-DN20	18	171	184	180	88	67	36,5	16,5	17	320	97	-	Al	12,50
MPKH3-DN25	23	205	225	215	96	75	40,5	16,5	17	320	106	-	Al	18,80
MPKH3-DN32	32	260	288	275	147	115	62	26	22	600	-	193	St ⁽¹⁾	49,60
MPKH3-DN40	38	301	332	315	156	125	65	25	22	600	-	204	St ⁽¹⁾	60,00

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

CONNECTION



CONNECTION DIMENSIONS

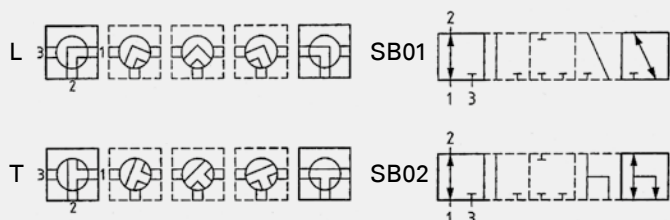
Type	l_1	l_3	d_1	d_2	h_1	O-ring	d_3	d_4	t	Dimension of screws (min)	Torque of screws in Nm
MPKH3-DN6	70	34,3	6	14	2	9x2,5	11	18	11	4 x M10 - 10.9	60
MPKH3-DN10	80	40,5	8	14,3	2	9,5x2,5	11	18	11	4 x M10 - 10.9	60
MPKH3-DN13	90	57,7	13	19,8	2	15x2,5	13,5	20	13	4 x M12 - 10.9	100
MPKH3-DN20	100	68,5	18	27,9	2,3	22x3	13,5	20	13	4 x M12 - 12.9	110
MPKH3-DN25	115	81	23	31,9	2,3	26x3	18	26	18	4 x M16 - 12.9	300
MPKH3-DN32	148,5	90	32	39,9	2,3	34x3	22	33	21,5	4 x M20 - 12.9	600
MPKH3-DN40	155,5	103	38	55,9	2,3	50x3	26	40	25,5	4 x M24 - 12.9	1000

ORDER CODE PER MATERIAL COMBINATION

PN [bar]	112A L=SB01	112A T=SB02	1128 L=SB01	1128 T=SB02
400	02342	31340	38458	38460
315	20302	20799	38459	38461
315	18160	38453	19044	38462
250	20305	38454	19045	38463
250	20307	38455	19048	38464
250	12632	38456	19049	38465
250	12633	38457	19076	38466

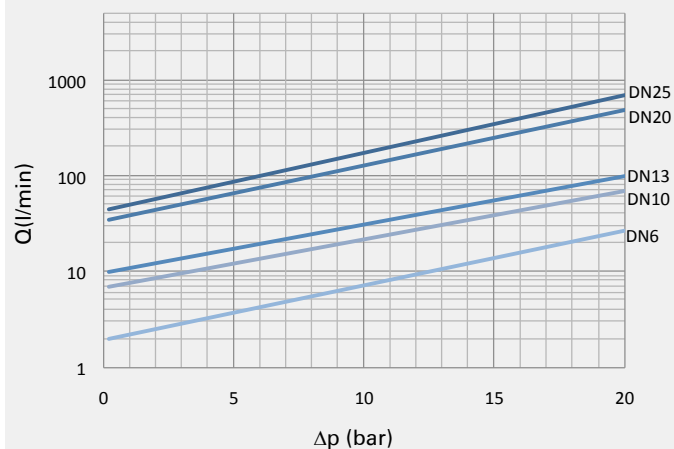
Due to material availability the material code of the steel valves may vary from 112A (or 1128). DN13-40=812A (or 8128). Material suitability for the application does not differ from 112A (or 1128).

PORTING PATTERNS



Further porting patterns page 274 to 279

FLOW CHARACTERISTICS MPKH-L



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