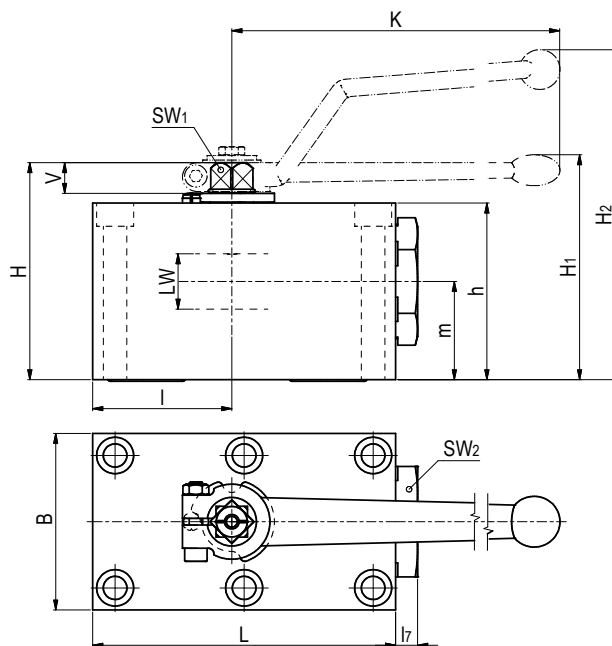


Ball valve for manifold mounting Steel

PKH



AVAILABLE SIZES

DN6 - DN50 (1/4" to 2")

ACCESSORIES ON REQUEST

- Locking devices page 233
- Actuators 228 - 229
- Position switches on request
- Detent on request

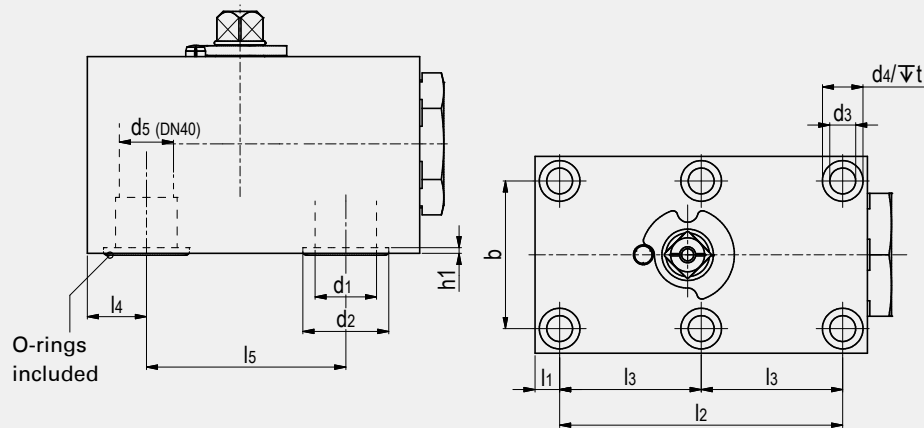
MATERIAL CODE DESCRIPTION

Materials	112A	1128
Body	Steel	Steel
Ball	Steel	Steel
Stem	Steel	Steel
Ball seats	POM	POM
O-rings	NBR	FPM
Tmin /Tmax	-20°C / 100°C	-20°C / 100°C

GENERAL DIMENSIONS

Type	I	L	L ₇	B	H	h	m	V	SW ₁	SW ₂	K	LW	H ₁	H ₂	Lever	Weight [Kg]
PKH-DN6	26	57	6	40	43	35	19,5	6	7	19	76	6	-	64	Zn	0,60
PKH-DN10	29	70	10	55	59	45	24,5	11	9	30	115	10	-	93	Zn	1,30
PKH-DN13	42,5	98	10	60	69	55	34	11	9	32	115	13	-	104	Zn	2,30
PKH-DN16	44	100	9,5	60	72,3	55	28	14	12	36	160	15	-	115	Al	3,75
PKH-DN20	51	117	10	70	88	70	37,5	14	14	46	200	20	92	-	Zn	3,92
PKH-DN25	62	135	10	80	98	80	44,5	14	14	50	200	25	102	-	Zn	5,68
PKH-DN32	75	165	11	100	121	100	54,5	17	17	70	320	32	130	-	Al	11,00
PKH-DN40	84,5	200	17	130	131	110	57	17	17	80	320	38	140	-	Al	18,78
PKH-DN50	106	240	15	150	150	129	71	17	17	90	320	48	159	-	Al	29,70

CONNECTION



CONNECTION DIMENSIONS

Type	l_1	l_2	l_3	l_4	l_5	b	d_1	d_2	h_1	d_3	d_4	t	d_5	Dimension of screws (min) ⁽¹⁾	Torque of screws in Nm ⁽¹⁾	O-ring	ORDER CODE PER MATERIAL COMBINATION		
																	PN [bar]	112A	1128
PKH-DN6	8,5	35	-	8,5	35	27	6	11,8	1,9	6,5	10,5	6,8	-	4 x M6x40 - 12.9	14	7x2,5	500	22661*	28416*
PKH-DN10	7,5	55	-	10	44	40	9,5	14,9	1,9	8,4	13,5	8,5	-	4 x M8x50 - 12.9	35	10x2,5	500	28687*	15727*
PKH-DN13	7,5	83	41,5	16	58	45	13	24,9	1,9	8,4	13,5	8	-	6 x M8x60 - 12.9	35	20x2,5	420	29571*	29226*
PKH-DN16	8,5	83	41,5	16	58	45	16	24,9	1,9	8,4	13,5	9	-	6 x M8x60 - 12.9	35	20x2,5	400	on request	
PKH-DN20	10	97	48,5	20	69	51	20	28,3	2	10,5	16,5	10,5	-	6 x M10x80 - 12.9	70	23,47x2,62	420	29296*	29292*
PKH-DN25	10	115	57,5	24	81	60	25	34,9	2,3	10,5	16,5	10,5	-	6 x M10x90 - 12.9	70	29x3	420	28953*	26334*
PKH-DN32	12	136	68	29	96	78	32	39,3	2	13	19	12	-	6 x M12x110 - 12.9	110	34,59 x 2,62	420	59599	59600
PKH-DN40	28,5	112	56	28,5	112	95	38	47,7	2,3	16,5	25	19	36	6 x M16x120 - 12.9	300	42x3	420	28331*	31261*
PKH-DN50	38	136	68	38	136	112	48	59,8	2,3	21	31	21,5	-	6 x M20x140 - 12.9	600	54x3	420	28338*	32267*

*Article usually in stock.

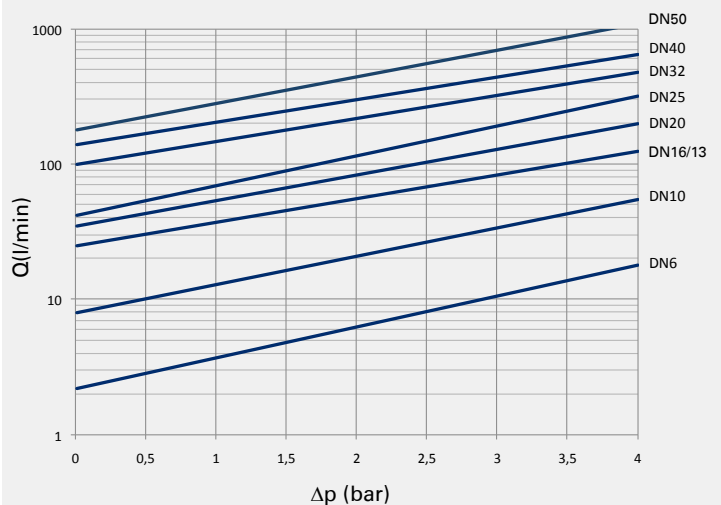
⁽¹⁾ Fixing screws not included.

We recommend screws as per ISO4762 (DIN 912).

The indicated property classes and torques represent our recommended guidelines at a friction coefficient of 14%.

Due to material availability the material code of the steel valves may vary from 112A (or 1128). DN6=1123 (or 1125), DN32=212A (or 2128), DN40-50=812A (or 8128). Material suitability for the application does not differ from 112A (or 1128).

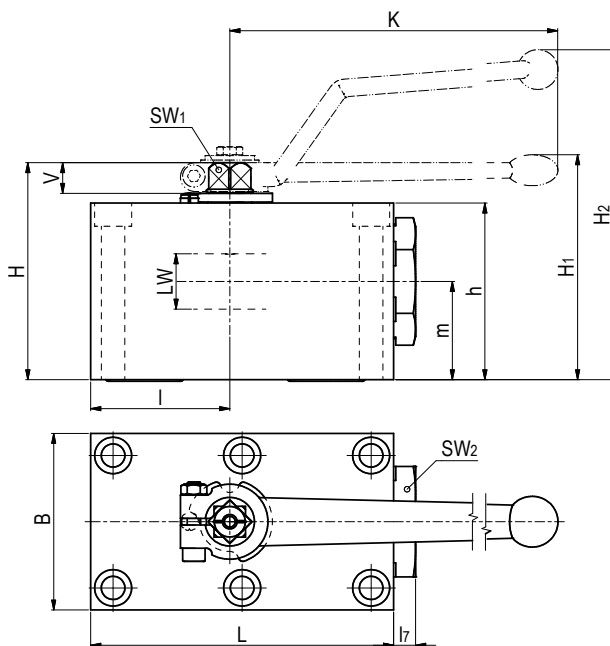
FLOW CHARACTERISTICS PKH



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

Ball valve for manifold mounting Stainless Steel

PKH



AVAILABLE SIZES

DN6 - DN50 (1/4" to 2")

ACCESSORIES ON REQUEST

- Locking devices page 233
- Actuators 228 - 229
- Position switches on request
- Detent on request

MATERIAL CODE DESCRIPTION

Materials	442A	4428
Body	Stainless Steel	Stainless Steel
Ball	Stainless Steel	Stainless Steel
Stem	Stainless Steel	Stainless Steel
Ball seats	POM	POM
O-rings	NBR	FPM
Tmin /Tmax	-30°C / 100°C	-20°C / 100°C

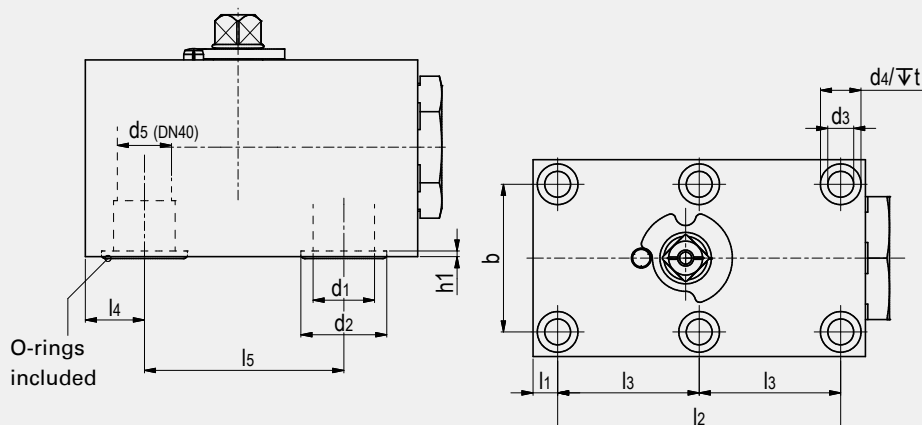
GENERAL DIMENSIONS

Type	I	L	L ₇	B	H	h	m	V	SW ₁	SW ₂	K	LW	H ₁	H ₂	Lever	Weight [Kg]
PKH-DN6	26	57	6	40	43	35	19,5	6	7	19	76	6	-	64	Zn	0,60
PKH-DN10	29	70	10	55	59	45	24,5	11	9	30	115	10	-	93	Zn	1,30
PKH-DN13	42,5	98	10	60	69	55	34	11	9	32	115	13	-	104	Zn	2,32
PKH-DN20	51	117	10	70	88	70	37,5	14	14	46	200	20	92	-	Zn	4,02
PKH-DN25	62	135	10	80	98	80	44,5	14	14	50	200	25	102	-	Zn	5,70
PKH-DN32	75	165	11	100	121	100	54,5	17	17	70	320	32	130	-	Al	11,00
PKH-DN40	84,5	200	17	130	131	110	57	17	17	80	320	38	140	-	Al	18,78
PKH-DN50	106	240	15	150	150	129	71	17	17	90	320	48	159	-	Al	29,55

Ball valve for manifold mounting Stainless Steel

PKH

CONNECTION



CONNECTION DIMENSIONS

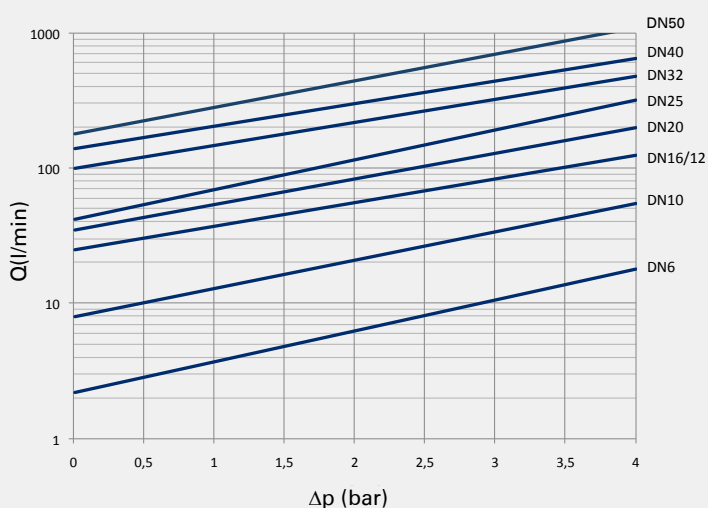
Type	l_1	l_2	l_3	l_4	l_5	b	d_1	d_2	h_1	d_3	d_4	t	d_5	Dimension of screws (min) ⁽¹⁾	Torque of screws in Nm ⁽¹⁾	O-ring	ORDER CODE PER MATERIAL COMBINATION		
																	PN [bar]	442A	4428
PKH-DN6	8,5	35	-	8,5	35	27	6	11,8	1,9	6,5	10,5	6,8	-	4 x M6x40 - 12.9	14	7x2,5	500	21337	28244
PKH-DN10	7,5	55	-	10	44	40	9,5	14,9	1,9	8,4	13,5	8,5	-	4 x M8x50 - 12.9	35	10x2,5	500	10053	29747
PKH-DN13	7,5	83	41,5	16	58	45	13	24,9	1,9	8,4	13,5	8	-	6 x M8x60 - 12.9	35	20x2,5	420	25439	18041
PKH-DN20	10	97	48,5	20	69	51	20	28,3	2	10,5	16,5	10,5	-	6 x M10x80 - 12.9	70	23,47x2,62	420	28598	38365
PKH-DN25	10	115	57,5	24	81	60	25	34,9	2,3	10,5	16,5	10,5	-	6 x M10x90 - 12.9	70	29x3	420	33708	32060
PKH-DN32	12	136	68	29	96	78	32	39,3	2	13	19	12	-	6 x M12x110 - 12.9	110	34,59 x 2,62	420	59601	59602
PKH-DN40	28,5	112	56	28,5	112	95	38	47,7	2,3	16,5	25	19	36	6 x M16x120 - 12.9	300	42x3	420	36117	38367
PKH-DN50	38	136	68	38	136	112	48	59,8	2,3	21	31	21,5	-	6 x M20x140 - 12.9	600	54x3	420	38368	38369

⁽¹⁾ Fixing screws not included.

We recommend screws as per ISO4762 (DIN 912).

The indicated property classes and torques represent our recommended guidelines at a friction coefficient of 14%.

FLOW CHARACTERISTICS PKH



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