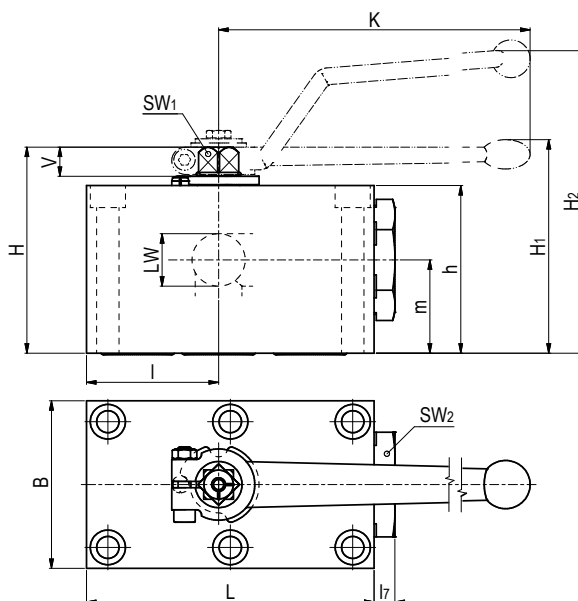


Selector ball valve for manifold mounting Steel

PK3



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



Pressure inlet only from center port (port 2)!

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
Porting pattern	L=SB58	L=SB58

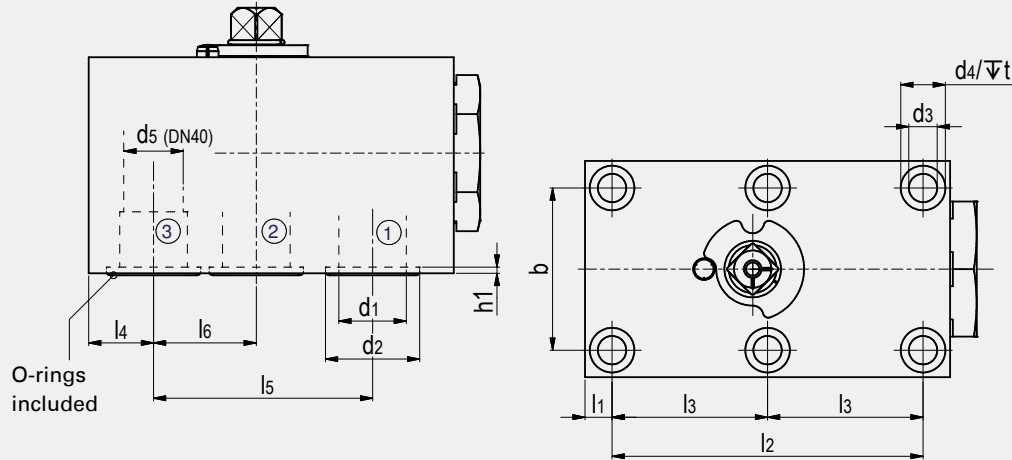
GENERAL DIMENSIONS

Type	I	L	L ₇	B	H	h	m	V	SW ₁	SW ₂	K	LW	H ₁	H ₂	Lever	Weight [Kg]
PK3-DN6	26	57	6	40	43	35	19,5	6	7	19	76	5	-	64	Zn	0,60
PK3-DN10	29	70	10	55	59	45	24,5	11	9	30	115	10	-	93	Zn	1,30
PK3-DN13	42,5	98	10	60	69	55	34	11	9	32	115	13	-	104	Zn	2,30
PK3-DN20	51	117	10	70	88	70	37,5	14	14	46	200	20	92	-	Zn	3,90
PK3-DN25	62	135	10	80	98	80	44,5	14	14	50	200	25	102	-	Zn	5,70
PK3-DN32	75	165	11	100	121	100	54,5	16,5	17	70	320	30	130	-	Al	11,00
PK3-DN40	84,5	200	17	130	131	110	57	16,5	17	80	320	38	140	-	Al	18,70
PK3-DN50	106	240	15	150	150	129	71	16,5	17	90	320	48	159	-	Al	28,80

Selector ball valve for manifold mounting Steel

PK3

CONNECTION



CONNECTION DIMENSIONS

Type	l_1	l_2	l_3	l_4	l_5	l_6	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	PN [bar]	112A L=SB58	1128 L=SB58
PK3-DN6	8,5	35	-	8,5	35	17,5	27	6	11,8	1,9	6,5	10,5	6,8	-	4 x M6x40 - 12.9	14	7x2,5	500	25361	31404
PK3-DN10	7,5	55	-	10	44	19	40	9,5	14,9	1,9	8,4	13,5	8,5	-	4 x M8x50 - 12.9	35	10x2,5	500	26190	26727
PK3-DN13	7,5	83	41,5	16	58	26,5	45	13	24,9	1,9	8,4	13,5	8	-	6 x M8x60 - 12.9	35	20x2,5	420	23772	37544
PK3-DN20	10	97	48,5	20	69	31	51	20	28,3	2	10,5	16,5	10,5	-	6 x M10x80 - 12.9	70	23,47x2,62	420	29291	34743
PK3-DN25	10	115	57,5	24	81	38	60	25	34,9	2,3	10,5	16,5	10,5	-	6 x M10x90 - 12.9	70	29x3	420	28233	28970
PK3-DN32	12	136	68	29	96	46	78	32	39,3	2	13	19	12	-	6 x M12x110 - 12.9	110	34,59x2,62	420	59603	59604
PK3-DN40	28,5	112	56	28,5	112	56	95	38	47,7	2,3	16,5	25	19	36	6 x M16x120 - 12.9	300	42x3	420	33205	37546
PK3-DN50	38	136	68	38	136	68	112	48	59,8	2,3	21	31	21,5	-	6 x M20x140 - 12.9	600	54x3	420	28334	37547

⁽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).

PORTING PATTERNS

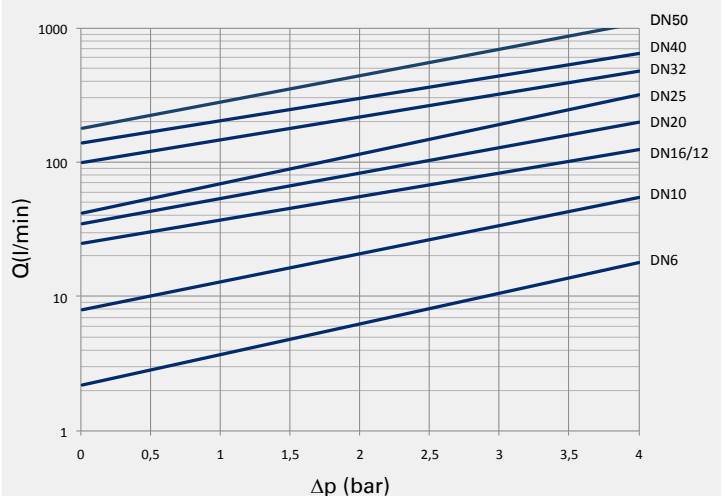


Pressure inlet only from center port (port2)!

PK3 with cross-over flow
Operation 90°
L-bore

Further porting patterns
page 274 to 279

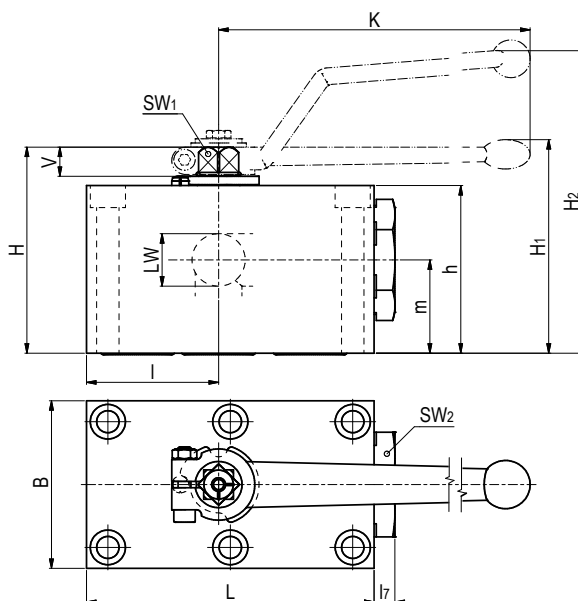
FLOW CHARACTERISTICS PK3



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

Selector ball valve for manifold mounting Stainless Steel

PK3



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



Pressure inlet only from center port (port 2)!

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
Porting pattern	L=SB58	L=SB58

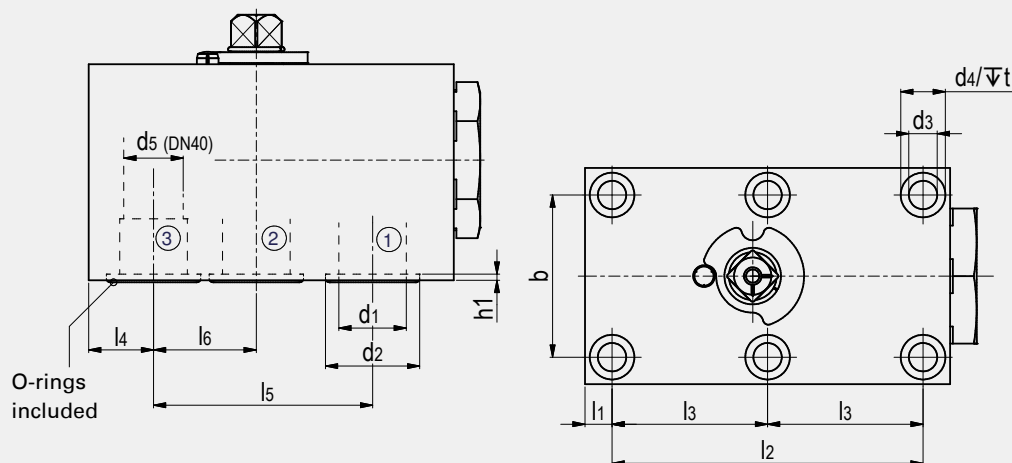
GENERAL DIMENSIONS

Type	I	L	L ₇	B	H	h	m	V	SW ₁	SW ₂	K	LW	H ₁	H ₂	Lever	Weight [Kg]
PK3-DN6	26	57	6	40	43	35	19,5	6	7	19	76	5	-	64	Zn	0,60
PK3-DN10	29	70	10	55	59	45	24,5	11	9	30	115	10	-	93	Zn	1,30
PK3-DN13	42,5	98	10	60	69	55	34	11	9	32	115	13	-	104	Zn	2,30
PK3-DN20	51	117	10	70	88	70	37,5	14	14	46	200	20	92	-	Zn	3,90
PK3-DN25	62	135	10	80	98	80	44,5	14	14	50	200	25	102	-	Zn	5,70
PK3-DN32	75	165	11	100	121	100	54,5	16,5	17	70	320	30	130	-	Al	11,00
PK3-DN40	84,5	200	17	130	131	110	57	16,5	17	80	320	38	140	-	Al	18,70
PK3-DN50	106	240	15	150	150	129	71	16,5	17	90	320	48	159	-	Al	28,80

Selector ball valve for manifold mounting Stainless Steel

PK3

CONNECTION



CONNECTION DIMENSIONS

Type	l_1	l_2	l_3	l_4	l_5	l_6	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
PK3-DN6	8,5	35	-	8,5	35	17,5	27	6	11,8	1,9	6,5	10,5	6,8	-	4 x M6x40 - 12.9	14	7x2,5
PK3-DN10	7,5	55	-	10	44	19	40	9,5	14,9	1,9	8,4	13,5	8,5	-	4 x M8x50 - 12.9	35	10x2,5
PK3-DN13	7,5	83	41,5	16	58	26,5	45	13	24,9	1,9	8,4	13,5	8	-	6 x M8x60 - 12.9	35	20x2,5
PK3-DN20	10	97	48,5	20	69	31	51	20	28,3	2	10,5	16,5	10,5	-	6 x M10x80 - 12.9	70	23,47x2,62
PK3-DN25	10	115	57,5	24	81	38	60	25	34,9	2,3	10,5	16,5	10,5	-	6 x M10x90 - 12.9	70	29x3
PK3-DN32	12	136	68	29	96	46	78	32	39,3	2	13	19	12	-	6 x M12x110 - 12.9	110	34,59x2,62
PK3-DN40	28,5	112	56	28,5	112	56	95	38	47,7	2,3	16,5	25	19	36	6 x M16x120 - 12.9	300	42x3
PK3-DN50	38	136	68	38	136	68	112	48	59,8	2,3	21	31	21,5	-	6 x M20x140 - 12.9	600	54x3

ORDER CODE PER MATERIAL COMBINATION

PN [bar]	442A L=SB58	4428 L=SB58
500	31909	38376
500	31914	38377
420	38370	38378
420	38371	38379
420	38372	38380
420	59605	59606
420	38374	38382
420	38375	38383

⁽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%.

PORTING PATTERNS

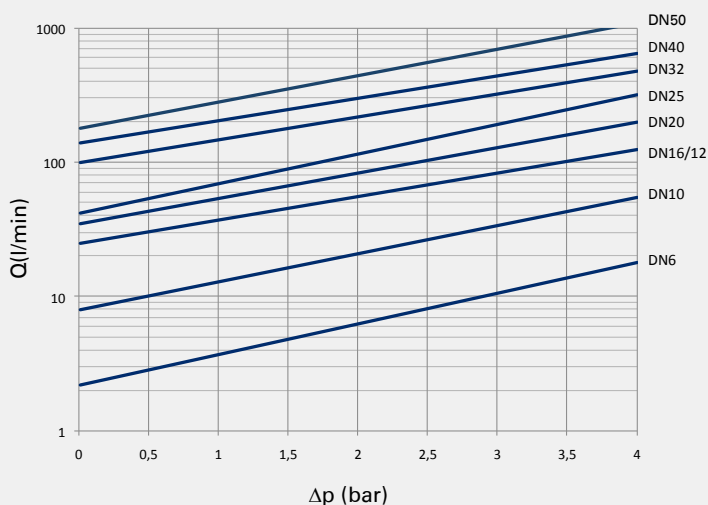


Pressure inlet only from center port (port2)!

PK3 with cross-over flow
Operation 90°
L-bore

Further porting patterns
page 274 to 279

FLOW CHARACTERISTICS PK3



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