



GPK2

2-WAY HIGH PRESSURE BALL VALVES

Edition. 21.3

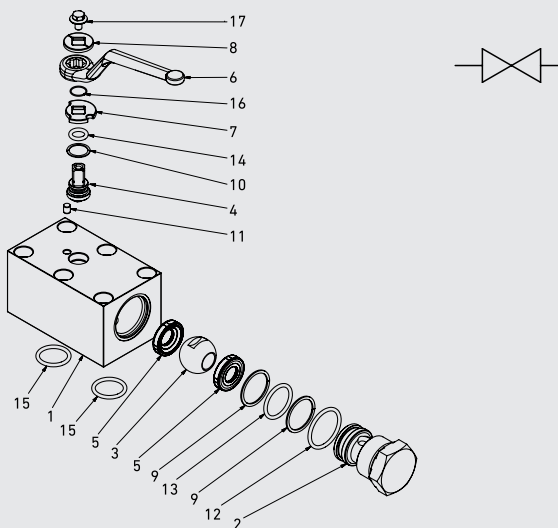
CS Carbon Steel

- Type: manifold
- Sizes: from DN6 up to DN50
- Ends: Drilling pattern Gemels
- Pressure: up to PN500
- Temp range: from -20°C to +100°C
- Treatment: Galvanized

SS Stainless Steel

- Type: manifold
- Sizes: from DN6 up to DN50
- Ends: Drilling pattern Gemels
- Pressure: up to PN500
- Temp range: from -30°C to +100°C
- Treatment: Galvanized

STANDARD COMPOSITION OF VALVE



			CS Carbon Steel	SS Stainless Steel
POS	DESCRIPTION	Q.TY	MATERIAL	
1	Body	1	1,0737	1,4404
2	Adapter	1	1,0737	1,4404
3	Ball	1	1,0737	1,4404
4	Stem	1	1,0737	1,4404
5	Ball seat	2	POM	POM
6	Handle	1	ZINC	ZINC
7	Washer	1	1,0116	1,4404
8	Washer	1	1,0116	1,4404
9	Stem ring	1	POM	POM
10	Pin	1	1,0737	1,4404
11	Seeger	1	1,4404	1,4301
12	Adapter o-ring	1	NBR	NBR
13	Adapter o-ring	1	NBR	NBR
14	Body o-ring	2	NBR	NBR
15	Stem o-ring	1	NBR	NBR
16	Screw	1	Din 6921 8.8	Din 6921 A4
17	Back-Up	2	PTFE	PTFE



CODE DESCRIPTION STRUCTURE

GPK2	DN13	1	1	1	1	A	B
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Type and way of valve

GPK2 2-way

Size

from DN6 to DN50

Body Material

● 1 = 1,0737 4 = 1,4404*

Adapter material

● 1 = 1,0737 4 = 1,4404*

Stem material

● 1 = 1,0737 4 = 1,4404*

Ball Material

● 1 = 1,0737 4 = 1,4404*

Seat material

A = POM D = PEEK* G = PA612* K = GEMPTFE* C = PTFE*

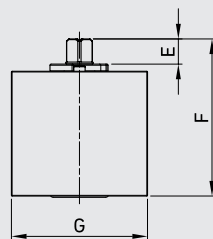
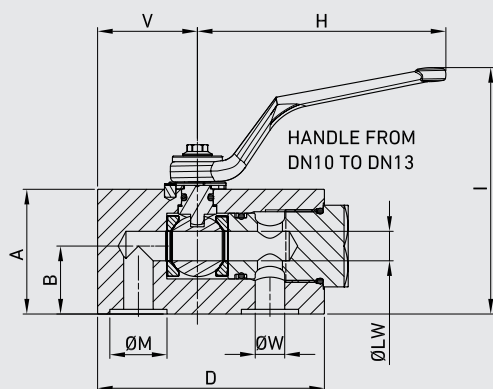
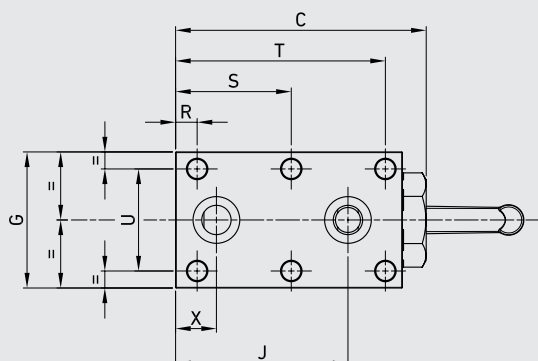
Seal material

B = NBR E = FKM*

*On request

- Reduced bore
- Pressure class up to PN50 MPa
- Pneumatic and electrical actuator
- Locking device

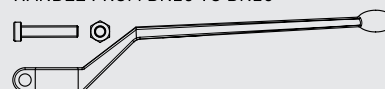
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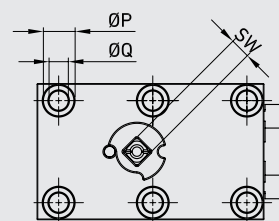
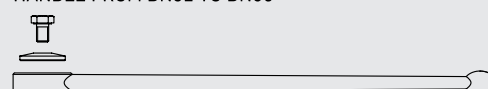
HANDLE FOR DN6



HANDLE FROM DN20 TO DN25

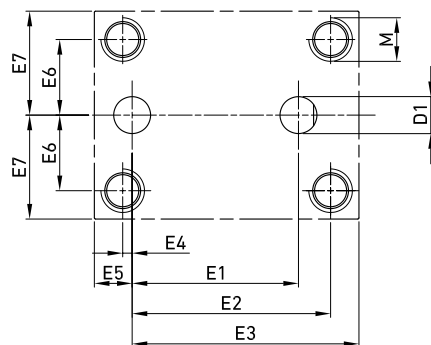


HANDLE FROM DN32 TO DN50



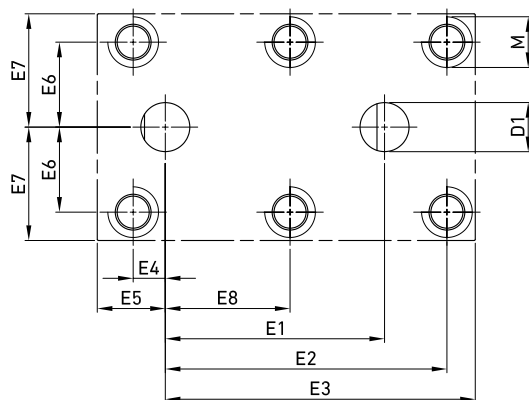
GP2

TYPE	DN	PN	A	B	C	D	E	F	G	H	I	J	ØM	ØP	ØQ	R	S	T	U	V	ØW	X	SW	ØLW	WEIGHT	ITEM CODE	ITEM CODE
GP2	6	MPa 50	mm 35	22,5	64,5	58	7,5	42,5	40	60	61	44	11,8	10,5	6,5	9	-	44,5	27	26,5	6	9,5	6	6	kg 0,593	GP200T15011A000	GP200T15044A000
		Psi 7250	inch 1,38	0,89	2,54	2,28	0,30	1,67	1,57	2,36	2,40	1,73	0,46	0,41	0,26	0,35	-	1,75	1,06	1,04	0,24	0,37	0,24	0,24	lb 1,31	GP200T15011A000	GP200T15044A000
GP2	10	MPa 50	mm 45	22,5	79,5	70	11	59	55	110	101	54	14,9	13,5	8,5	7,5	-	62,5	40	28,75	9,8	10	9	10	kg 1,304	GP200T25011A000	GP200T25044A000
		Psi 7250	inch 1,77	0,89	3,13	2,76	0,43	2,32	2,17	4,33	3,98	2,13	0,59	0,53	0,33	0,30	-	2,46	1,57	1,13	0,39	0,39	0,35	0,39	lb 2,87	GP200T25011A000	GP200T25044A000
GP2	13	MPa 40	mm 55	30	110,5	100	11	69	60	110	111	76	24,9	13,5	8,5	9,5	51	92,5	45	44	13	18	9	13	kg 2,387	GP200T34011A000	GP200T34044A000
		Psi 5800	inch 2,17	1,18	4,35	3,94	0,43	2,72	2,36	4,33	4,37	2,99	0,98	0,53	0,33	0,37	2,01	3,64	1,77	1,73	0,51	0,71	0,35	0,51	lb 5,26	GP200T34011A000	GP200T34044A000
GP2	20	MPa 35	mm 70	38,5	129	118	14	88,5	70	180	121,5	90	29	16,5	10,5	11,5	60	108,5	51	52	20	21	14	20	kg 4,079	GP200T43011A000	GP200T43044A000
		Psi 5075	inch 2,76	1,52	5,08	4,65	0,55	3,48	2,76	7,09	4,78	3,54	1,14	0,65	0,41	0,45	2,36	4,27	2,01	2,05	0,79	0,83	0,55	0,79	lb 8,99	GP200T43011A000	GP200T43044A000
GP2	25	MPa 35	mm 79,5	44	146	135	14	98	80	180	131	105	34,9	16,5	10,5	9	67	124	60	61,25	25	24	14	25	kg 5,883	GP200T53011A000	GP200T53044A000
		Psi 5075	inch 3,13	1,73	5,75	5,31	0,55	3,86	3,15	7,09	5,16	4,13	1,37	0,65	0,41	0,35	2,64	4,88	2,36	2,41	0,98	0,94	0,55	0,98	lb 12,97	GP200T53011A000	GP200T53044A000
GP2	32	MPa 35	mm 105,5	58,7	183,5	165	14	124	100	300	124	124	39,7	19	13	11	79	147	78	74	32	28	17	32	kg 12,169	GP200T63011A000	GP200T63044A000
		Psi 5075	inch 4,15	2,31	7,22	6,50	0,55	4,88	3,94	11,81	4,88	4,88	1,56	0,75	0,51	0,43	3,11	5,79	3,07	2,91	1,26	1,10	0,67	1,26	lb 26,83	GP200T63011A000	GP200T63044A000
GP2	40	MPa 35	mm 115	61,3	201,5	185	14	133,5	130	300	134	141	47,7	25	16,5	29	85	141	95	85	37	24	17	40	kg 18,624	GP200T73011A000	GP200T73044A000
		Psi 5075	inch 4,53	2,41	7,93	7,28	0,55	5,26	5,12	11,81	5,28	5,55	1,88	0,98	0,65	1,14	3,35	5,55	3,74	3,35	1,46	0,94	0,67	1,57	lb 41,06	GP200T73011A000	GP200T73044A000
GP2	50	MPa 35	mm 129	72	256,5	240	14	147	150	300	147,5	174	59,8	31	21	38	106	174	112	106	48	38	17	48	kg 30,644	GP200T83011A000	GP200T83044A000
		Psi 5075	inch 5,08	2,83	10,10	9,45	0,55	5,79	5,91	11,81	5,81	6,85	2,35	1,22	0,83	1,50	4,17	6,85	4,41	4,17	1,89	1,50	0,67	1,89	lb 67,56	GP200T83011A000	GP200T83044A000



DRILLING PATTERN FOR DN6 TO DN10

DN		D1	E1	E2	E3	E4	E5	E6	E7	M	O-RING
6	mm	6	35	34,5	48,5	0,5	9,5	13,5	20	M6	7,30 X 2,40
	inch	0,24	1,38	1,36	1,91	0,02	0,37	0,53	0,79		
10	mm	9,5	44	52,5	60	2,5	10	20	27,5	M8	9,92 X 2,62
	inch	0,37	1,73	2,07	2,36	0,10	0,39	0,79	1,08		



DRILLING PATTERN FOR DN13 TO DN50

DN		D1	E1	E2	E3	E4	E5	E6	E7	E8	M	O-RING
13	mm	13	58	74,5	82	8,5	18	22,5	30	33	M8	20,64 X 2,62
	inch	0,51	2,28	2,93	3,23	0,33	0,71	0,89	1,18	1,30		
20	mm	20	69	87,5	97	9,5	21	25,5	35	39	M10	23,81 X 2,62
	inch	0,79	2,72	3,44	3,82	0,37	0,83	1,00	1,38	1,54		
25	mm	25	81	100	111	15	24	30	40	43	M10	31,42 X 2,62
	inch	0,98	3,19	3,94	4,37	0,59	0,94	1,18	1,57	1,69		
32	mm	32	96	119	137	17	28	39	50	51	M12	34,59 X 2,62
	inch	1,26	3,78	4,69	5,39	0,67	1,10	3,07	1,97	2,01		
40	mm	37	-	112	156	-	29	47,5	65	56	M16	42,52 X 2,62
	inch	1,46	-	4,41	6,14	-	1,14	1,87	2,56	2,20		
50	mm	48	-	136	202	-	38	56	75	68	M20	53,64 X 2,62
	inch	1,89	-	5,35	7,95	-	1,50	2,20	2,95	2,68		