



GB3

3-WAY HIGH PRESSURE BALL VALVES

Edition. 21.1

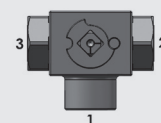
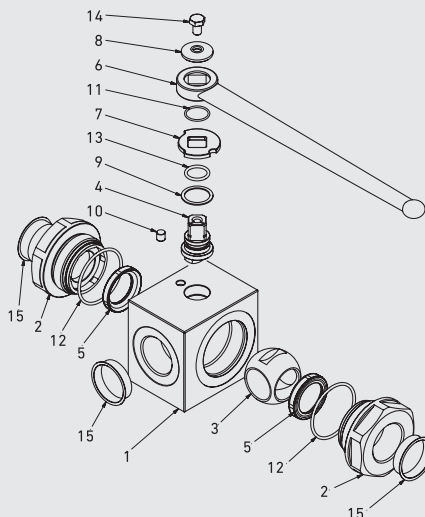
CS Carbon Steel

- Type: ball valve 3 way
- Sizes: from DN32 up to DN50
- Ends: BSP-NPT
- Pressure: up to PN350
- Temp range: from -20°C to +100°C

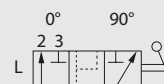
SS Stainless Steel

- Type: ball valve 3 way
- Sizes: from DN32 up to DN50
- Ends: BSP-NPT
- Pressure: up to PN350
- Temp range: from -30°C to +100°C

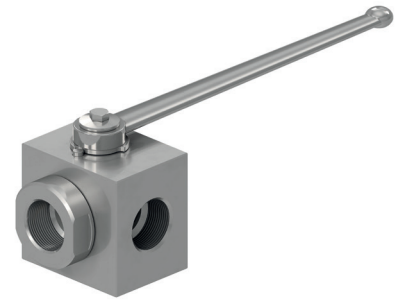
STANDARD COMPOSITION OF VALVE



WARNING!
Pressure inlet only
from center port 1



			CS Carbon Steel	SS Stainless Steel
POS	DESCRIPTION	Q.TY	MATERIAL	
1	Body	1	1,0570	1,4404
2	Adapter	2	1,0570	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	1,0116	1,0116
7	Washer	1	1,0116	1,4301
8	Washer	1	1,0116	1,4301
9	Stem ring	1	POM	POM
10	Pin	1	1,0737	1,4301
11	Seeger	1	1,4301	1,4301
12	Adapter o-ring	4	NBR	NBR
13	Stem o-ring	1	NBR	NBR
14	Screw	1	ISO4017 8.8	ISO4017 A2
15	Caps	3	PVC	PVC



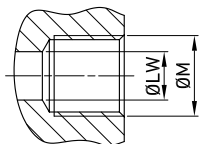
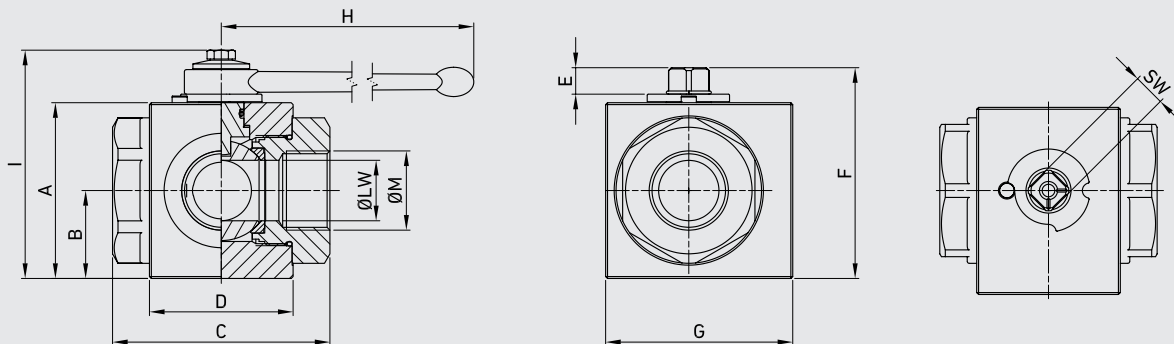
CODE DESCRIPTION STRUCTURE

GB3	G1 1/2	DN40	2	2	1	1	A	B
Type and way of valve _____ GB3 3-way								
Ends _____ GAS DIN/ NPT ANSI ISO 228 /ASME BSP B1.20.1 G1 1/4 N1 1/4 G1 1/2 N1 1/2 G2 N2								
Size _____ from DN32 to DN50								
Body Material _____ ● 2 = 1,0570 ● 4 = 1,4404								
Adapter material _____ ● 2 = 1,0570 ● 4 = 1,4404								
Stem material _____ ● 1 = 1,0737 4 = 1,4404* ● 4 = 1,4404								
Ball Material _____ ● 1 = 1,0737 4 = 1,4404* ● 4 = 1,4404								
Seat material _____ A = POM D = PEEK* G = PA612* K = GEMPTFE* C = PTFE*								
Seal material _____ B = NBR E = FKM* F = EPDM* L = MVQ*								

*On request

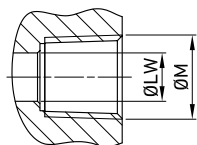
- Reduced bore
- Special threads
- Pressure class up to PN35 MPa
- Pneumatic and electrical actuator
- Locking device

For further special requests please consult our technical/commercial service.



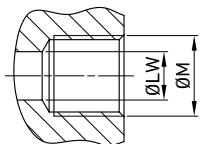
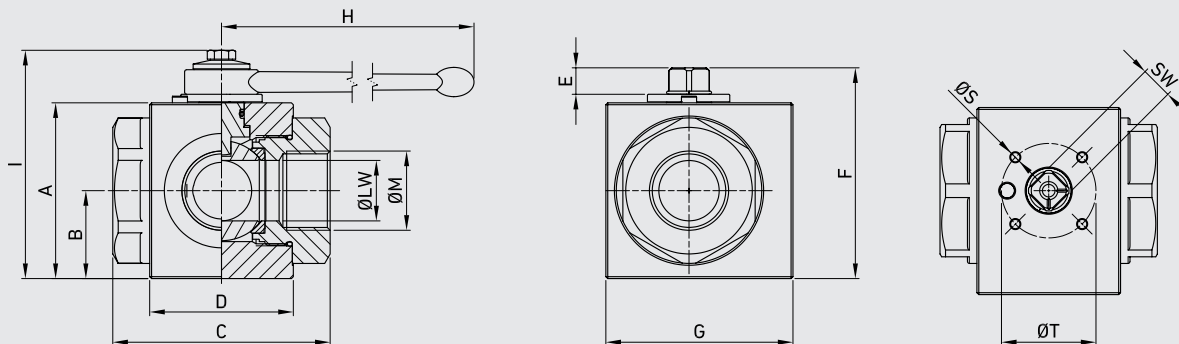
GB3 DIN/ISO 228 BSP

GB3 DIN/ISO 228 BSP																	CS Carbon Steel	SS Stainless Steel		
TYPE	DN	PN		A	B	C	D	E	F	G	H	I	ØM	SW	ØLW	WEIGHT	ITEM CODE			
GB3 G1 1/4	32	MPa	35	mm	93	46,5	115	75	13,5	111,5	99	300	120,5	G 1 1/4	17	32	kg	5,725	GB3GGT63021A000	GB3GGT63044A000
		Psi	5075	inch	3,66	1,83	4,53	2,95	0,53	4,39	3,90	11,81	4,74		0,67	1,26	lb	12,62		
GB3 G1 1/2	40	MPa	35	mm	107	53,5	131	85	13,5	125,5	115	300	134,5	G 1 1/2	17	40	kg	8,632	GB3GGT73021A000	GB3GGT73044A000
		Psi	5075	inch	4,21	2,11	5,16	3,35	0,53	4,94	4,53	11,81	5,30		0,67	1,57	lb	19,03		
GB3 G 2	50	MPa	35	mm	114	57	140	98	13,5	132,5	128	300	141,5	G 2	17	50	kg	10,607	GB3GGT83021A000	GB3GGT83044A000
		Psi	5075	inch	4,49	2,24	5,51	3,86	0,53	5,22	5,04	11,81	5,57		0,67	1,97	lb	23,38		



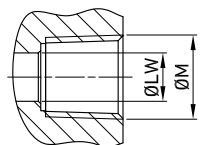
GB3 ANSI/ASME B1.20.1 NPT

GB3 ANSI/ASME B1.20.1 NPT																	CS Carbon Steel	SS Stainless Steel		
TYPE	DN	PN		A	B	C	D	E	F	G	H	I	ØM	SW	ØLW	WEIGHT	ITEM CODE			
GB3 N 1 1/4	32	MPa	35	mm	93	46,5	115	75	13,5	111,5	99	300	120,5	N 1 1/4	17	32	kg	5,725	GB3NNT63021A000	GB3NNT63044A000
		Psi	5075	inch	3,66	1,83	4,53	2,95	0,53	4,39	3,90	11,81	4,74		0,67	1,26	lb	12,62		
GB3 N 1 1/2	40	MPa	35	mm	107	53,5	131	85	13,5	125,5	115	300	134,5	N 1 1/2	17	40	kg	8,632	GB3NNT73021A000	GB3NNT73044A000
		Psi	5075	inch	4,21	2,11	5,16	3,35	0,53	4,94	4,53	11,81	5,30		0,67	1,57	lb	19,03		
GB3 N 2	50	MPa	35	mm	114	57	140	98	13,5	132,5	128	300	141,5	N 2	17	50	kg	10,607	GB3NNT83021A000	GB3NNT83044A000
		Psi	5075	inch	4,49	2,24	5,51	3,86	0,53	5,22	5,04	11,81	5,57		0,67	1,97	lb	23,38		



GB3 DIN/ISO 228 BSP

GB3 DIN/ISO 228 BSP																			CS Carbon Steel		SS Stainless Steel	
Assembling threads per ISO5211																						
TYPE	DN	PN	A		B	C	D	E	F	G	H	I	ØM	ØS	ØT	ISO5211	SW	ØLW	WEIGHT	ITEM CODE		
GB3 G 1 1/4	32	MPa 35	mm	93	46,5	115	75	13,5	111,5	99	300	120,5	G 1	M6	50	F05	17	32	kg 5,725	GB3GGT63021AF50	GB3GGT63044AF50	
		Psi 5075	inch	3,66	1,83	4,53	2,95	0,53	4,39	3,90	11,81	4,74	1/4	M6	1,97	F05	0,67	1,26	lb 12,62			
GB3 G 1 1/2	40	MPa 35	mm	107	53,5	131	85	13,5	125,5	115	300	134,5	G 1	M6	50	F05	17	40	kg 8,632	GB3GGT73021AF50	GB3GGT73044AF50	
		Psi 5075	inch	4,21	2,11	5,16	3,35	0,53	4,94	4,53	11,81	5,30	1/2	M6	1,97	F05	0,67	1,57	lb 19,03			
GB3 G 2	50	MPa 35	mm	114	57	140	98	13,5	132,5	128	300	141,5	G 2	M6	50	F05	17	50	kg 10,607	GB3GGT83021AF50	GB3GGT83044AF50	
		Psi 5075	inch	4,49	2,24	5,51	3,86	0,53	5,22	5,04	11,81	5,57	G 2	M6	1,97	F05	0,67	1,97	lb 23,38			



GB3 ANSI/ASME B1.20.1 NPT

GB3 ANSI/ASME B1.20.1 NPT																			CS Carbon Steel		SS Stainless Steel			
Assembling threads per ISO5211																								
TYPE	DN	PN	A		B	C	D	E	F	G	H	I	ØM	ØS	ØT	ISO5211	SW	ØLW	WEIGHT	ITEM CODE				
GB3 N 1 1/4	32	MPa 35	mm	93	46,5	115	75	13,5	111,5	99	300	120,5	N 1	M6	50	F05	17	32	kg	5,725	GB3NNT63021AF50	GB3NNT63044AF50		
		Psi 5075	inch	3,66	1,83	4,53	2,95	0,53	4,39	3,90	11,81	4,74	1/4		1,97		0,67	1,26	lb	12,62				
GB3 N 1 1/2	40	MPa 35	mm	107	53,5	131	85	13,5	125,5	115	300	134,5	N 1	M6	50	F05	17	40	kg	8,632	GB3NNT73021AF50	GB3NNT73044AF50		
		Psi 5075	inch	4,21	2,11	5,16	3,35	0,53	4,94	4,53	11,81	5,30	1/2		1,97		0,67	1,57	lb	19,03				
GB3 N 2	50	MPa 35	mm	114	57	140	98	13,5	132,5	128	300	141,5	N 2	M6	50	F05	17	50	kg	10,607	GB3NNT83021AF50	GB3NNT83044AF50		
		Psi 5075	inch	4,49	2,24	5,51	3,86	0,53	5,22	5,04	11,81	5,57			1,97		0,67	1,97	lb	23,38				