



GBF

2-WAY HIGH PRESSURE BALL VALVES

Edition. 21.2

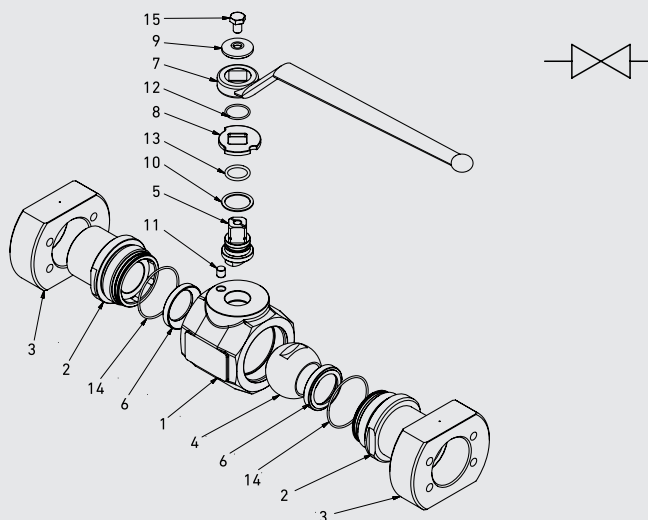
CS Carbon Steel

- Type: forged ball valve 2 way
- Sizes: from DN32 up to DN50
- Ends: ISO6162-1/-2, SAEJ518-1/-2
- Pressure: up to PN420 / S6000
- Temp range: from -30°C to +100°C (body -46°C)

SS Stainless Steel

- Type: forged ball valve 2 way
- Sizes: from DN32 up to DN50
- Ends: ISO6162-1/-2, SAEJ518-1/-2
- Pressure: up to PN420 / S6000
- Temp range: from -30°C to +100°C (body -46°C)

STANDARD COMPOSITION OF VALVE



			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	1,4301
5	Ball seat	2	POM	POM
6	Handle	1	1,0116	1,0116
7	Washer	1	1,0116	1,4301
8	Washer	1	1,0737	1,4301
9	Flange	2	1,0570	1,4044
10	Stem ring	1	POM	POM
11	Pin	1	1,0737	1,4301
12	Seeger	1	1,4301	1,4301
13	Adapter o-ring	4	NBR	NBR
14	Stem o-ring	1	NBR	NBR
15	Screw	1	ISO4017 8.8	ISO4017 A2



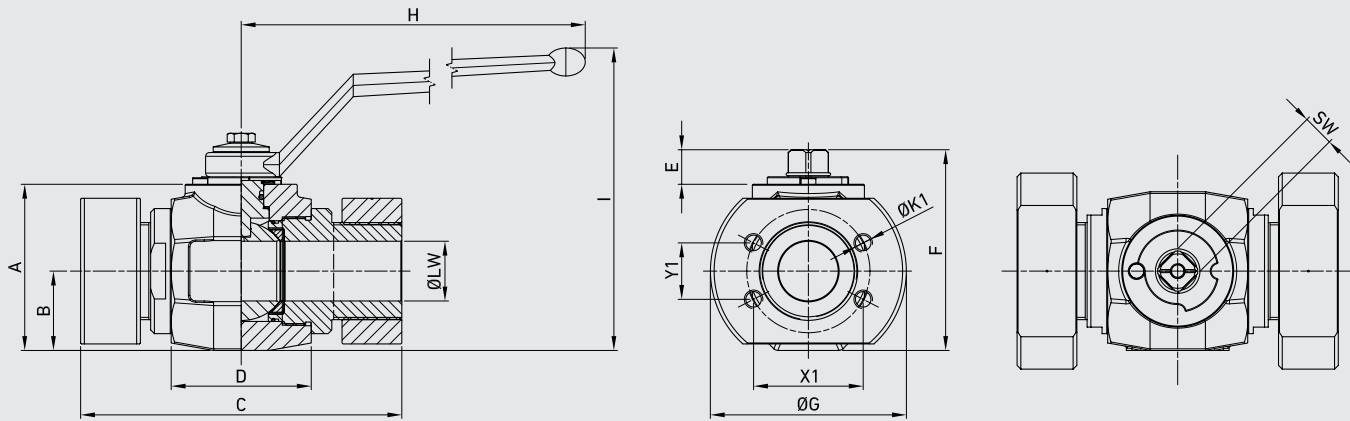
CODE DESCRIPTION STRUCTURE

GB	F3	DN32	2	2	1	1	A	B
Type and way of valve _____ GB 2-way								
Ends _____ Valves dimension of pressure (PSI) F3 Valves dimension of pressure (PSI) F6 S3000 S6000								
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 PN5000 Psi
- Pneumatic and electrical actuator
- Locking device

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



GBF SAE J518 S3000 - F61

GBF SAE J518 S3000 - F61																			CS Carbon Steel		SS Stainless Steel	
TYPE	DN	PN		A	B	C	D	E	F	ØG	H	I	ØK1	X1	Y1	SW	ØLW	WEIGHT	ITEM CODE			
GBF3	32	MPa	28	mm	89	42,5	172	75	14	107,5	105	310	162	M10	58,7	30,2	17	32	kg	8,102	GB2FFC3L021A000	GB2FFC3L044A000
		Psi	4060	inch	3,50	1,67	6,77	2,95	0,55	4,23	4,13	12,20	6,38		2,31	1,19	0,67	1,26	lb	17,86		
GBF3	40	MPa	21	mm	106	52,5	176,5	85	14	124,5	120	310	180	M12	69,8	35,7	17	40	kg	11,142	GB2FFC4L021A000	GB2FFC4L044A000
		Psi	3045	inch	4,17	2,07	6,95	3,35	0,55	4,90	4,72	12,20	7,09		2,75	1,41	0,67	1,57	lb	24,56		
GBF3	50	MPa	21	mm	115,5	58,5	196	98	14	134	145	310	190	M12	77,8	42,9	17	50	kg	15,343	GB2FFC5L021A000	GB2FFC5L044A000
		Psi	3045	inch	4,55	2,30	7,72	3,86	0,55	5,28	5,71	12,20	7,48		3,06	1,69	0,67	1,97	lb	33,83		

GBF SAE J518 S3000 UNC - F61

GBF SAE J518 S3000 UNC - F61																			CS Carbon Steel		SS Stainless Steel	
TYPE	DN	PN		A		B	C	D	E	F	ØG	H	I	ØK1	X1	Y1	SW	ØLW	WEIGHT	ITEM CODE		
GBF3	32	MPa	28	mm	89	42,5	172	75	14	107,5	98	310	163	7/16-14	58,7	30,2	17	32	kg	8,102	GB2FUC3L021A000	GB2FUC3L044A000
		Psi	4060	inch	3,50	1,67	6,77	2,95	0,55	4,23	3,86	12,20	6,42	UNC	2,31	1,19	0,67	1,26	lb	17,86		
GBF3	40	MPa	21	mm	106	52,5	176,5	85	14	124,5	113	310	180	1/2-13	69,8	35,7	17	40	kg	11,142	GB2FUC4L021A000	GB2FUC4L044A000
		Psi	3045	inch	4,17	2,07	6,95	3,35	0,55	4,90	4,45	12,20	7,09	UNC	2,75	1,41	0,67	1,57	lb	24,56		
GBF3	50	MPa	21	mm	115,5	58,5	196	98	14	134	123	310	190	1/2-13	77,8	42,9	17	50	kg	15,343	GB2FUC5L021A000	GB2FUC5L044A000
		Psi	3045	inch	4,55	2,30	7,72	3,86	0,55	5,28	4,84	12,20	7,48	UNC	3,06	1,69	0,67	1,97	lb	33,83		

GBF SAE J518 S6000 - F62

GBF SAE J518 S6000 - F62																			CS Carbon Steel		SS Stainless Steel	
TYPE	DN	PN		A		B	C	D	E	F	ØG	H	I	ØK1	X1	Y1	SW	ØLW	WEIGHT	ITEM CODE		
GBF6	32	MPa	42	mm	89	42,5	172	75	14	107,5	98	310	160	M12	66,7	31,8	17	32	kg 8,102	GB2FFC93021A000	GB2FFC93044A000	
		Psi	6090	inch	3,50	1,67	6,77	2,95	0,55	4,23	3,86	12,20	6,30		2,63	1,25	0,67	1,26	lb 17,86			
GBF6	40	MPa	42	mm	106	52,5	176,5	85	14	124,5	113	310	180	M16	79,4	36,5	17	40	kg 11,142	GB2FFCA3021A000	GB2FFCA3044A000	
		Psi	6090	inch	4,17	2,07	6,95	3,35	0,55	4,90	4,45	12,20	7,09		3,13	1,44	0,67	1,57	lb 24,56			
GBF6	50	MPa	42	mm	115,5	58,5	196	98	14	134	123	310	190	M20	96,8	44,5	17	50	kg 15,343	GB2FFCB3021A000	GB2FFCB3044A000	
		Psi	6090	inch	4,55	2,30	7,72	3,86	0,55	5,28	4,84	12,20	7,48		3,81	1,75	0,67	1,97	lb 33,83			

GBF SAE J518 S6000 UNC - F62

GBF SAE J518 S6000 UNC - F62																			CS Carbon Steel		SS Stainless Steel	
TYPE	DN	PN		A		B	C	D	E	F	ØG	H	I	ØK1	X1	Y1	SW	ØLW	WEIGHT	ITEM CODE		
GBF6	32	MPa	42	mm	89	42,5	172	75	14	107,5	98	310	163	1/2-13	66,7	31,8	17	32	kg	8,102	GB2FUC93021A000	GB2FUC93044A000
		Psi	6090	inch	3,50	1,67	6,77	2,95	0,55	4,23	3,86	12,20	6,42	UNC	2,63	1,25	0,67	1,26	lb	17,86		
GBF6	40	MPa	42	mm	106	52,5	176,5	85	14	124,5	113	310	180	5/8-11	79,4	36,5	17	40	kg	11,142	GB2FUCA3021A000	GB2FUCA3044A000
		Psi	6090	inch	4,17	2,07	6,95	3,35	0,55	4,90	4,45	12,20	7,09	UNC	3,13	1,44	0,67	1,57	lb	24,56		
GBF6	50	MPa	42	mm	115,5	58,5	196	98	14	134	123	310	190	3/4-10	96,8	44,5	17	50	kg	15,343	GB2FUCB3021A000	GB2FUCB3044A000
		Psi	6090	inch	4,55	2,30	7,72	3,86	0,55	5,28	4,84	12,20	7,48	UNC	3,81	1,75	0,67	1,97	lb	33,83		