GEM

2-WAY HIGH PRESSURE BALL VALVES

Edition. 21.2

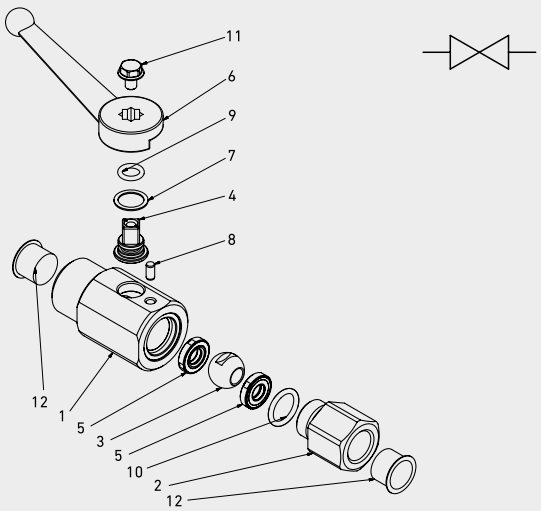
CS Carbon Steel

- Type: ball valve 2 way
- Sizes: DN6
- Ends: BSP-NPT-SAE
- Pressure: up to PN500
- Temp range: from -20°C to +100°C
- Treatment: **Zinc Nickel**

SS Stainless Steel

- Type: ball valve 2 way
- Sizes: DN6
- Ends: BSP-NPT-SAE
- Pressure: up to PN500
- Temp range: from -30°C to +100°C

STANDARD COMPOSITION OF VALVE



POS	DESCRIPTION	Q.TY	CS Carbon Steel	SS Stainless Steel
			MATERIAL	
1	Body	1	1,0737	1,4305
2	Adapter	1	1,0737	1,4305
3	Ball	1	1,4404	1,4404
4	Stem	1	1,0737	1,4305
5	Ball seat	2	POM	POM
6	Handle	1	ZINC	ZINC
7	Stem ring	1	POM	POM
8	Pin	1	1,0737	1,4404
9	Stem o-ring	1	NBR	NBR
10	Adapter o-ring	2	NBR	NBR
11	Screw	1	DIN 6921 8.8	DIN 6921 A4
12	Caps	2	PVC	PVC





CODE DESCRIPTION STRUCTURE

GEM	G 1/4	DN6	1	1	1	1	A	B

Type and way of valve

GEM 2-way

Ends

GAS DIN/ ISO 228 BSP	NPT ANSI /ASME B1.20.1	SAE J1926-1
G 1/4	N 1/4	SAE4

Size

DN6

Body Material

- **1** = 1,0737
- **3** = 1,4305

Adapter material

- **1** = 1,0737
- **3** = 1,4305

Stem material

- **1** = 1,0737 **3** = 1,4305*
- **3** = 1,4305

Ball Material

- **4** = 1,4404
- **4** = 1,4404

Seat material

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

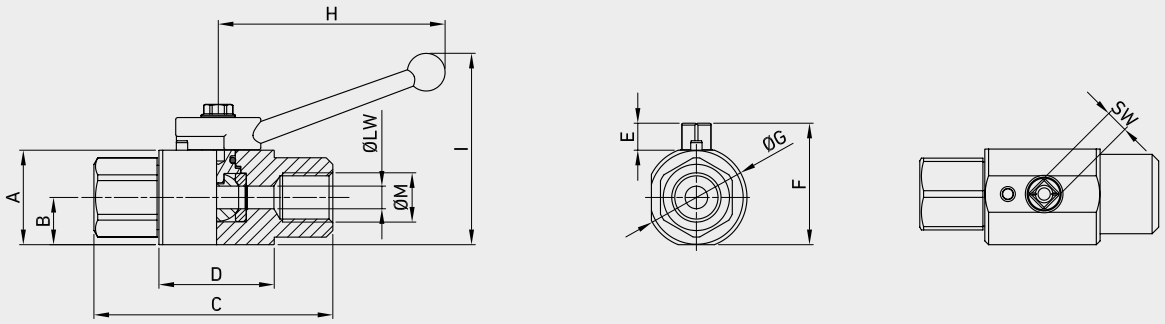
Seal material

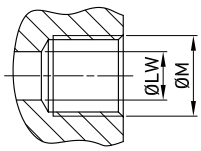
B = NBR **E** = FKM* **F** = EPDM* **L** = MVQ*

*On request

- Reduced bore
- Special threads
- Pressure class up to PN50 Mpa
- Locking device

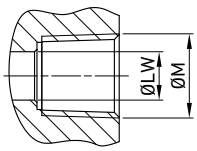
For further special requests please consult our technical/commercial service.





GEM DIN/ISO 228 BSP

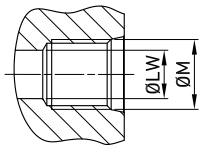
TYPE	DN	PN		A	B	C	D	E	F	ØG	H	I	ØM	SW	ØLW	WEIGHT		Carbon Steel	Stainless Steel
																		ITEM CODE	
GEM G 1/4	6	MPa	50	mm	25	12,5	63	31,5	7	32,5	26,8	60	51	G 1/4	6	6	kg 0,195	G12GGT15011A000	G12GGT15033A000
		Psi	7250	inch	0,98	0,49	2,48	1,24	0,28	1,28	1,06	2,36	2,01		0,24	0,24	lb 0,43		



GEM ANSI/ASME B1.20.1 NPT

TYPE	DN	PN		A	B	C	D	E	F	ØG	H	I	ØM	SW	ØLW	WEIGHT		Carbon Steel	Stainless Steel
																		ITEM CODE	
GEM N 1/4	6	MPa	50	mm	25	12,5	63	31,5	7	32,5	26,8	60	51	N 1/4	6	6	kg 0,195	G12NNT15011A000	G12NNT15033A000
		Psi	7250	inch	0,98	0,49	2,48	1,24	0,28	1,28	1,06	2,36	2,01		0,24	0,24	lb 0,43		

The company reserves the right to operate dimensional changes without prior notice.



GEM SAE J1926-1

TYPE	DN	PN		A	B	C	D	E	F	ØG	H	I	ØM	SW	ØLW	WEIGHT	CS Carbon Steel	SS Stainless Steel
																	ITEM CODE	
GEM SAE4	6	MPa	50	mm	25	12,5	63	31,5	7	32,5	26,8	60	51	7/16-20 UNF	6	6	kg 0,195	G12EEE05011A000	G12EEE05033A000
		Psi	7250	inch	0,98	0,49	2,48	1,24	0,28	1,28	1,06	2,36	2,01		0,24	0,24	lb 0,43		