



GV3

3-WAY HIGH PRESSURE BALL VALVES

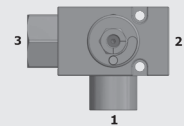
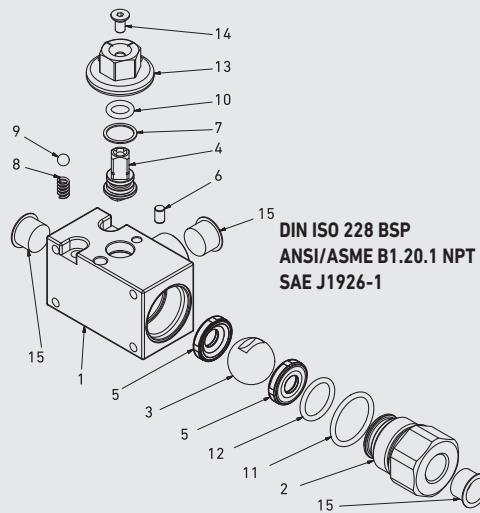
Edition. 21.3

CS Carbon Steel

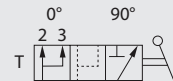
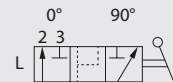
- Type: ball valve 3 way
- Sizes: from DN10 up to DN32
- Ends: BSP-NPT-SAE / ISO6162-1
- Pressure: up to PN500 / S6000
- Temp range: from -20°C to +100°C
- Treatment: Galvanized

REGISTERED DESIGN

STANDARD COMPOSITION OF VALVE

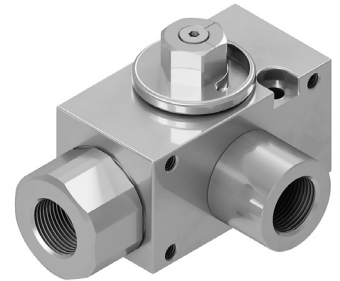


WARNING!
Pressure inlet only
from center port 1



POS	DESCRIPTION	Q.TY	MATERIAL
1	Body	1	1,0737
2	Adapter	1	1,0737
3	Ball	1	1,0737
4	Stem	1	1,0737
5	Ball seat	2	PA612G
6	Pin	1	1,0737
7	Stem ring	1	POM
8	Spring UNI17223-1	1	1,0116
9	Spring ball	1	1,0116
10	Stem o-ring	1	FKM
11	Adapter o-ring	1	FKM
12	Adapter o-ring	1	FKM
13	Washer	1	1,0737
14	Screw	1	DIN 7991 8.8
15	Caps	2	PVC

CS
Carbon Steel



CODE DESCRIPTION STRUCTURE

GV3	G 1/2	DN13	1	1	1	1	A	B
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Type and way of valve

GV3 3-way

Ends

GAS DIN/ ISO 228 BSP	NPT ANSI /ASME B1.20.1	SAE J1926-1	ISO6162
G 3/8	N 3/8	SAE6	S6000
G 1/2	N 1/2	SAE8	
G 3/4	N 3/4	SAE12	
G 1	N 1	SAE16	
G 1 1/4 R	N 1 1/4 R	SAE20R	
G 1 1/4	N 1 1/4	SAE20	

Size

from DN10 to DN32

Body Material

● 1 = 1,0737

Adapter material

● 1 = 1,0737

Stem material

● 1 = 1,0737

Ball Material

● 1 = 1,0737

Seat material

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

Seal material

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

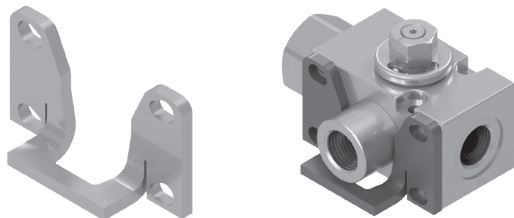
***On request**

- Reduced bore
- Special threads
- Pressure class up to PN50 Mpa
- Pressure class up to PN6000 Psi
- Locking device

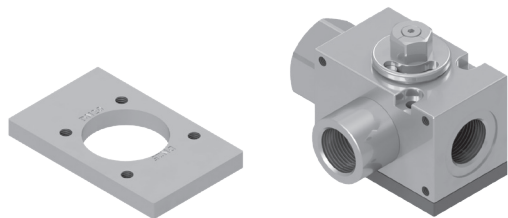
For further special requests please consult our technical/commercial service.

GV3 SAE J1926-1

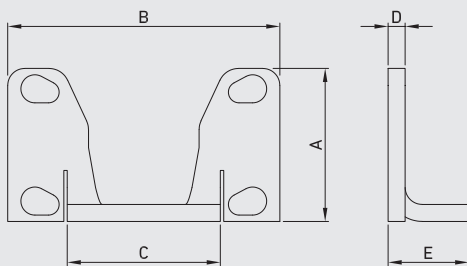
																						CS Carbon Steel								
TYPE	DN	PN	A	B	C	D	E	ES	V	F	G	G1	I	J	ØK	ØM	ØP	ØQ	R	S	T	U	W	W1	X	Y	SW	ØLW	WEIGHT	ITEM CODE
GV3 SAE6	10	MPa 50	mm 43	20,4	88,5	70	14,1	19	57,1	37	61	60,9	7	M6	SAE6	10,5	6,25	6,5	16	54	24	6,6	3,5	56	33	9	10	kg 1,15	GV3EEE14011B000	
		Psi 7250	inch 1,69	0,80	3,48	2,76	0,56	0,75	2,25	1,46	2,40	2,40	0,28			0,41	0,25	0,26	0,63	2,13	0,94	0,26	0,14	2,20	1,30	0,35	0,39	lb 2,54		
GV3 SAE8	13	MPa 50	mm 45	21,7	103,5	80	14,1	19	59,1	45	66,5	62,9	8	M8	SAE8	10,5	6,25	6,5	23	57	32	6,6	6	64	33	9	13	kg 1,362	GV3EEE23011B000	
		Psi 7250	inch 1,77	0,85	4,07	3,15	0,56	0,75	2,33	1,77	2,62	2,48	0,31			0,41	0,25	0,26	0,91	2,24	1,26	0,26	0,24	2,52	1,30	0,35	0,51	lb 3,00		
GV3 SAE12	20	MPa 35	mm 55	23,4	129,5	101	18,5	24	73,5	55	85	78	10,5	M8	SAE	13,5	9	7,5	25,5	75,5	40	8	6	80	43	14	20	kg 2,51	GV3EEE33011B000	
		Psi 5075	inch 2,17	0,92	5,10	3,98	0,73	0,94	2,89	2,17	3,35	3,07	0,41			12	0,53	0,35	0,30	1,00	2,97	1,57	0,31	0,24	3,15	1,69	0,55	0,79		lb 5,53
GV3 SAE16	25	MPa 35	mm 65	29,5	133,5	105	18,5	24	83,5	65	97,5	88	7,5	M8	SAE	13,5	9	8,5	27,5	77,5	48	8	6	90	53	14	25	kg 3,564	GV3EEE43011B000	
		Psi 5075	inch 2,56	1,16	5,26	4,13	0,73	0,94	3,29	2,56	3,84	3,46	0,30			16	0,53	0,35	0,33	1,08	3,05	1,89	0,31	0,24	3,54	2,09	0,55	0,98		lb 7,86
GV3 SAE20R	25	MPa 35	mm 65	29,5	133,5	105	18,5	24	83,5	65	99	88	7,5	M8	SAE	13,5	9	8,5	27,5	77,5	48	8	6	90	53	14	25	kg 3,485	GV3EEE83011B000	
		Psi 5075	inch 2,56	1,16	5,26	4,13	0,73	0,94	3,29	2,56	3,90	3,46	0,30			20R	0,53	0,35	0,33	1,08	3,05	1,89	0,31	0,24	3,54	2,09	0,55	0,98		lb 7,68
GV3 SAE20	32	MPa 35	mm 80	33,5	133,5	105	18,5	30	98,5	80	118	104	9,5	M8	SAE	13,5	9	10	24,5	80,5	60	8	8	86	64	17	32	kg 5,32	GV3EEE53011B000	
		Psi 5075	inch 3,15	1,32	5,26	4,13	0,73	1,18	3,88	3,15	4,65	4,09	0,37			20	0,53	0,35	0,39	0,96	3,17	2,36	0,31	0,31	3,39	2,52	0,67	1,26		lb 11,73

WELD MOUNTING PLATES

Lateral plate

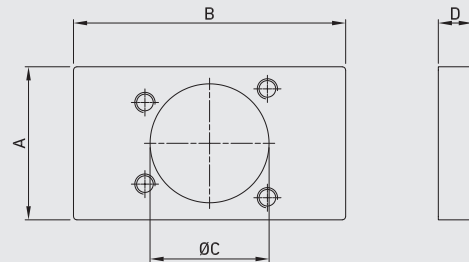
TYPE	DN	A	B	C	D	E	Material	Treatment	WEIGHT	CODE
GV LATERAL PLATE	10-13	mm 45	80	45	5	23,7	Carbon Steel	Phosphated	kg 0,088	C0635101Z
		inch 1,77	3,15	1,77	0,20	0,93			lb 0,19	
	20-25	mm 65	105	63	5	23,7	Carbon Steel	Phosphated	kg 0,158	C0635301Z
		inch 2,56	4,13	2,48	0,20	0,93			lb 0,35	


Low plate

TYPE	DN	A	B	CØ	D	Material	Treatment	WEIGHT	CODE
GV LOW PLATE	10-13	mm 45	80	35	10	Carbon Steel	Phosphated	kg 0,201	C0634901Z
		inch 1,77	3,15	1,38	0,39			lb 0,44	
	20-25	mm 65	105	45	10	Carbon Steel	Phosphated	kg 0,398	C0635301Z
		inch 2,56	4,13	1,77	0,39			lb 0,88	



Lateral plate



Low plate