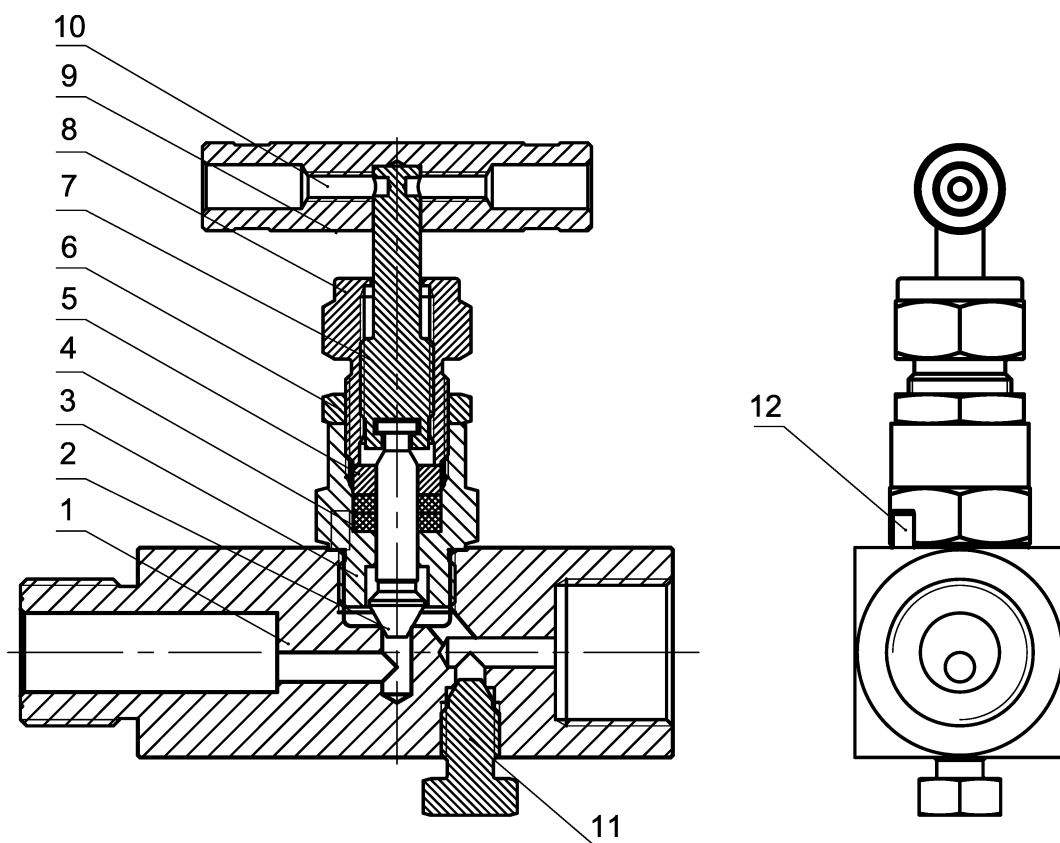


Material of Construction

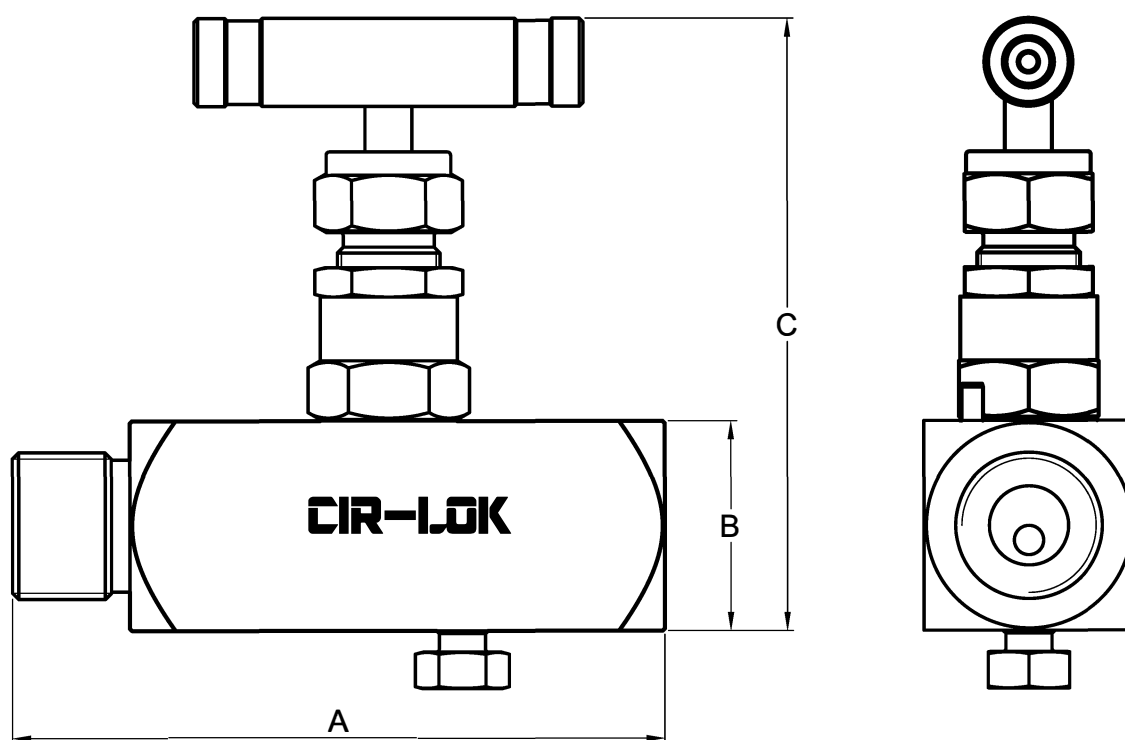


Component			Material Grade			Component			Material Grade		
1	Body		316.S.S/ASTM A479			13					
2	Lower Stem		316.S.S/ASTM A479			14					
3	Bonnet		316.S.S/ASTM A479			15					
4	Packing		PTFE/D1710			16					
5	Gland		316.S.S/ASTM A479			17					
6	Nut		S17400/B783			18					
7	Upper Stem		316.S.S/ASTM A479			19					
8	Packing Nut		316.S.S/ASTM A479			20					
9	Handle		6061			21					
10	Screw		304.S.S			22					
11	Plug		316.S.S/ASTM A479			23					
12	Pin		304			24					

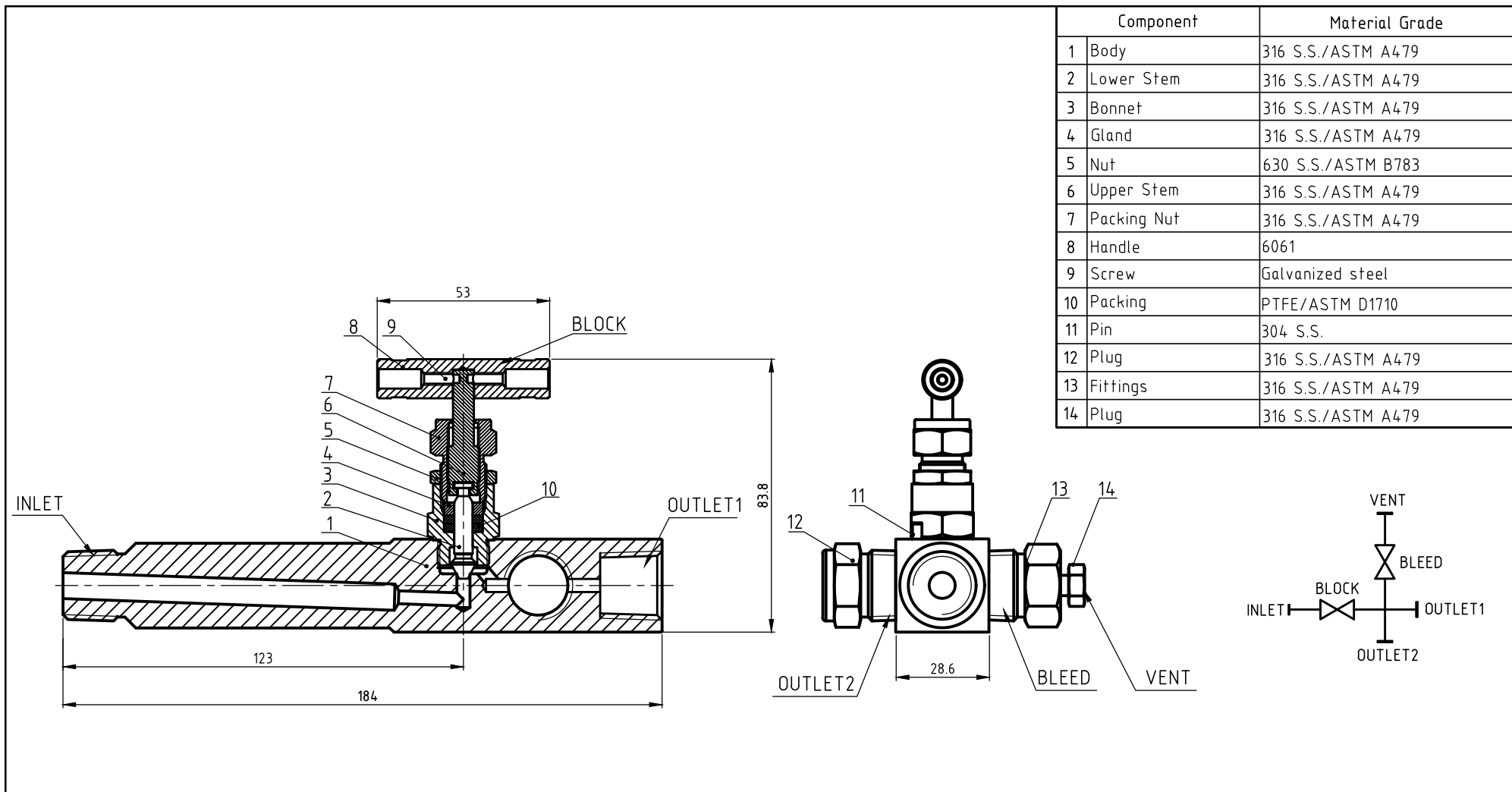
Pressure vs. Temperature

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)	500 (260)	
200 (93)	5160 (355)	600 (315)	
300 (148)	4660 (321)	700 (371)	
400 (204)	4280 (294)	800 (426)	

Dimensions



Inlet Size	Outlet Size	Vent Size	Orifice Size in (mm)	
M20x1.5	M20x1.5 (F)		0.16 (4.0)	
Dimensions in. (mm)				
A	B	C	D	E
3.5 (88.9)	1.23 (28.6)	3.28 (83.5)		
F	G	H	J	K



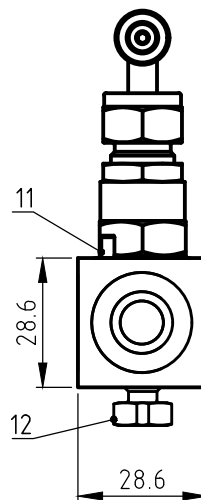
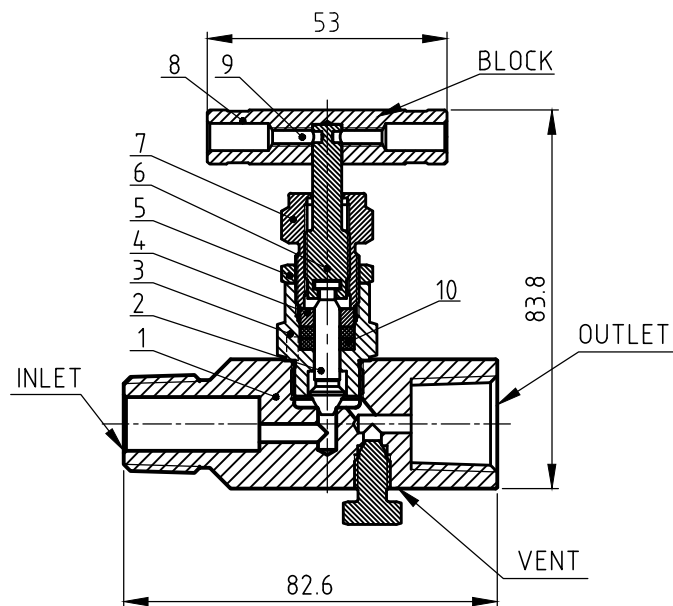
Technical Data:

Inlet Size	1/2NPT
Outlet1 Size	1/2NPT(F)
Outlet2 Size	1/2NPT(F)
Orifice Size	4.0mm

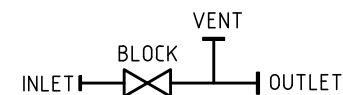
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-54) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Oct.19.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Gauge Valves		
		Model	GV1-NPT8-FNPT8-L-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316 S.S/ASTM A479
4	Gland	316.S.S/ASTM A479
5	Nut	630 S.S/ASTM B783
6	Upper Stem	316.S.S/ASTM A479
7	Packing Nut	316.S.S/ASTM A479
8	Handle	6061
9	Screw	Galvanized steel
10	Packing	Graphite
11	Pin	304 S.S.
12	Plug	316.S.S/ASTM A479



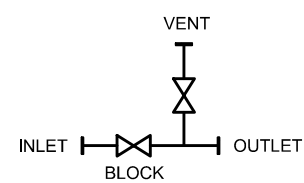
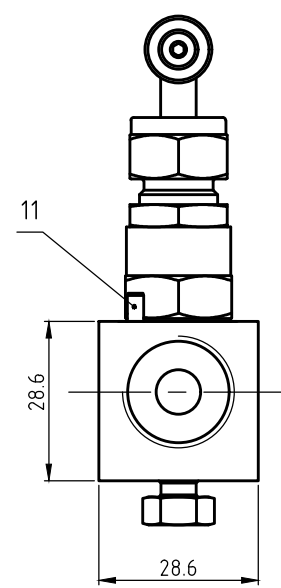
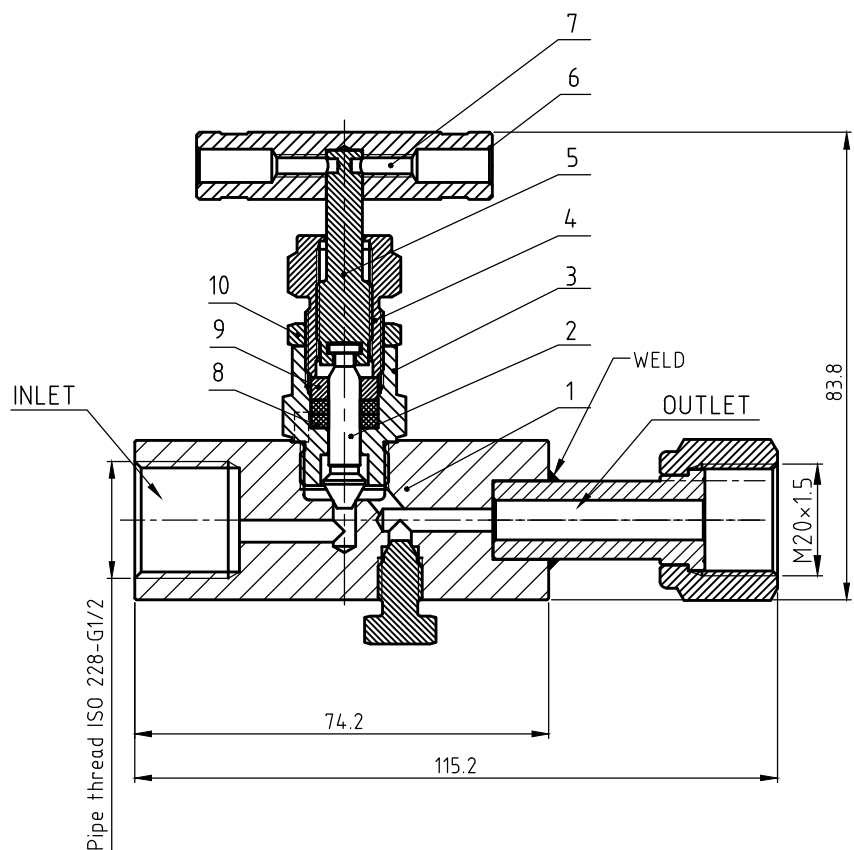
Technical Data:

Inlet Size	1/2NPT
Outlet Size	1/2NPT(F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-54) to 100 (37)	6000 (413)	700 (371)	3620 (250)
200 (93)	5160 (355)	800 (426)	3520 (243)
300 (148)	4660 (321)	900 (482)	3460 (239)
400 (204)	4280 (294)	1000 (537)	3030 (209)
500 (260)	3980 (283)	1100 (593)	2545 (175)
600 (315)	3760 (259)	1200 (648)	1545 (107)

A	Dec.22.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Gauge Valves		
		Model	GV1-NPT8-FNPT8-S-G-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	630.S.S/ASTM B783
11	Pin	304

Technical Data:

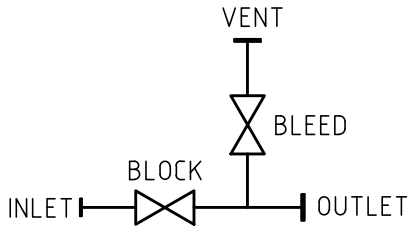
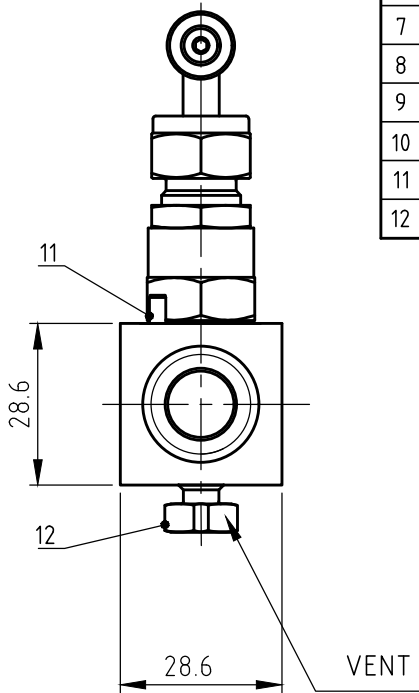
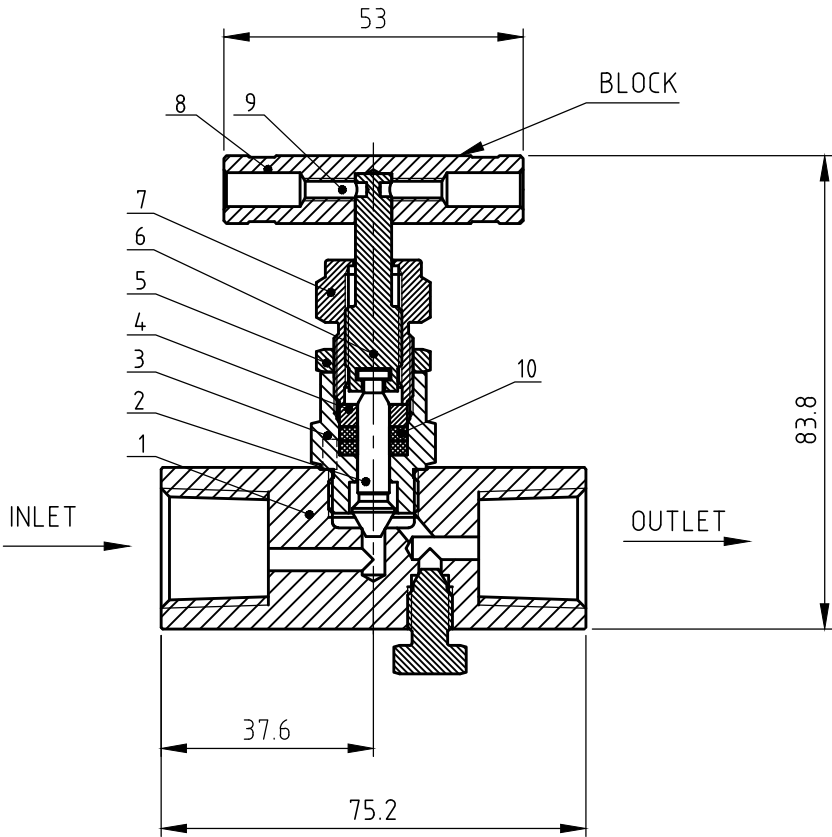
Inlet Size	G1/2 (F)
Outlet Size	ISO261 M20X1.5
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	May.13, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	GV1-FBP8-SFMS20-S-316-FE201		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Gland	316.S.S/ASTM A479
5	Nut	630.S.S/ASTM B783
6	Upper Stem	316.S.S/ASTM A479
7	Packing Nut	316.S.S/ASTM A479
8	Handle	6061
9	Screw	Galvanized steel
10	Packing	Graphite
11	Pin	304 S.S.
12	Plug	316.S.S/ASTM A479



Technical Data:

Inlet Size	1/2NPT (F)
Outlet Size	1/2NPT (F)
Orifice Size	4.0mm
Cv	0.35

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)	700 (371)	3620 (250)
200 (93)	5160 (355)	800 (426)	3520 (243)
300 (148)	4660 (322)	900 (482)	3460 (239)
400 (204)	4280 (293)	1000 (537)	3030 (209)
500 (260)	3980 (274)	1100 (593)	2545 (175)
600 (315)	3760 (259)	1200 (648)	1545 (107)

A	Mar.13.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Gauge Valves		
		Model	GV1-FNPT8-S-G-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		