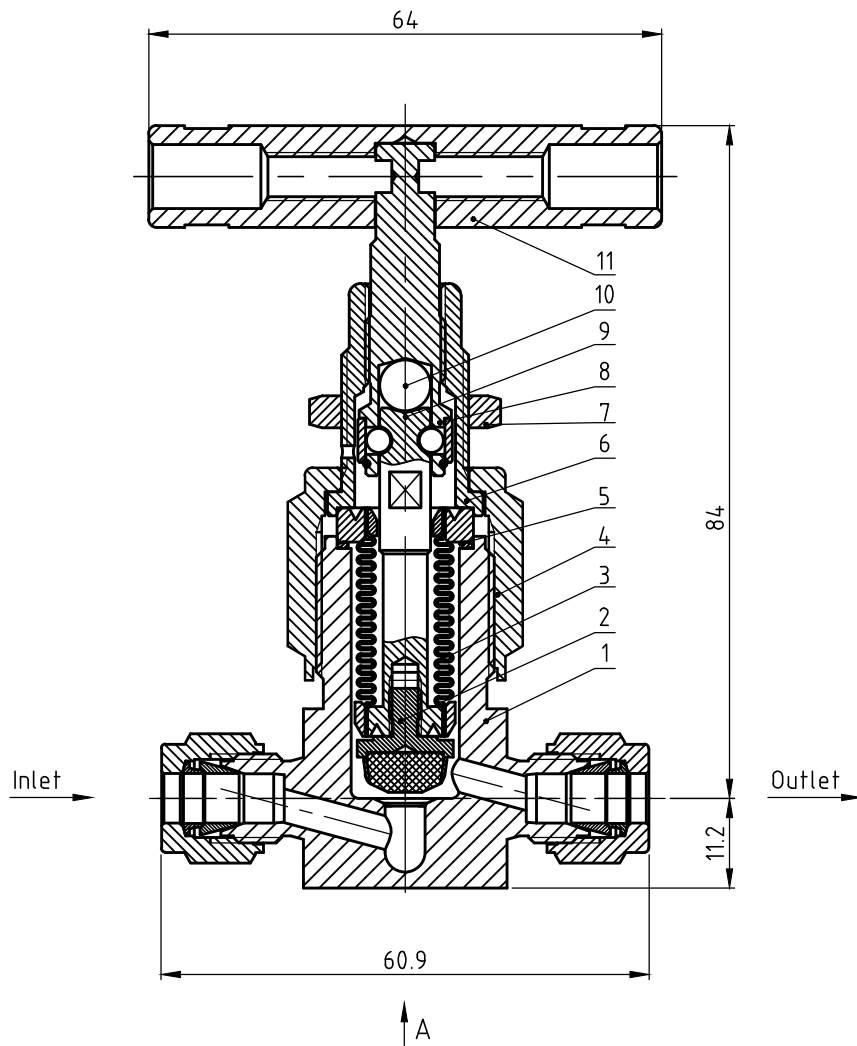
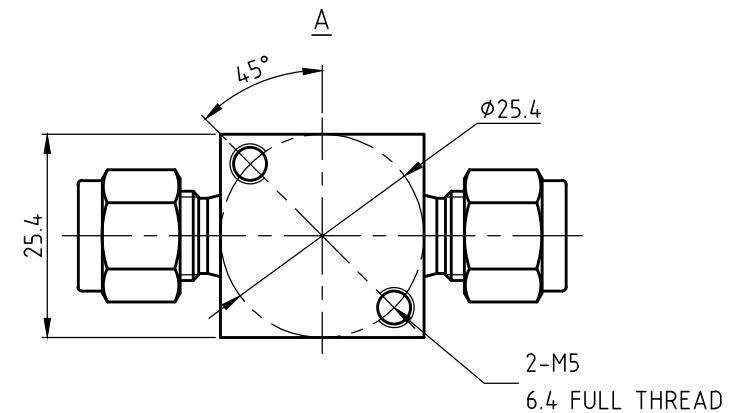




Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Tip	PCTFE/ASTM D1430
3	Bellows Assembly	316L.S.S
4	Bonnet Nut	316.S.S/ASTM A479
5	Gasket	316.S.S/ASTM A479
6	Bonnet	316.S.S/ASTM A479
7	Panel Nut	630.S.S
8	Guide ring	316.S.S/ASTM A479
9	Stem	316.S.S/ASTM A479
10	Steel ball	440C
11	Handle	6061 ASTM B211



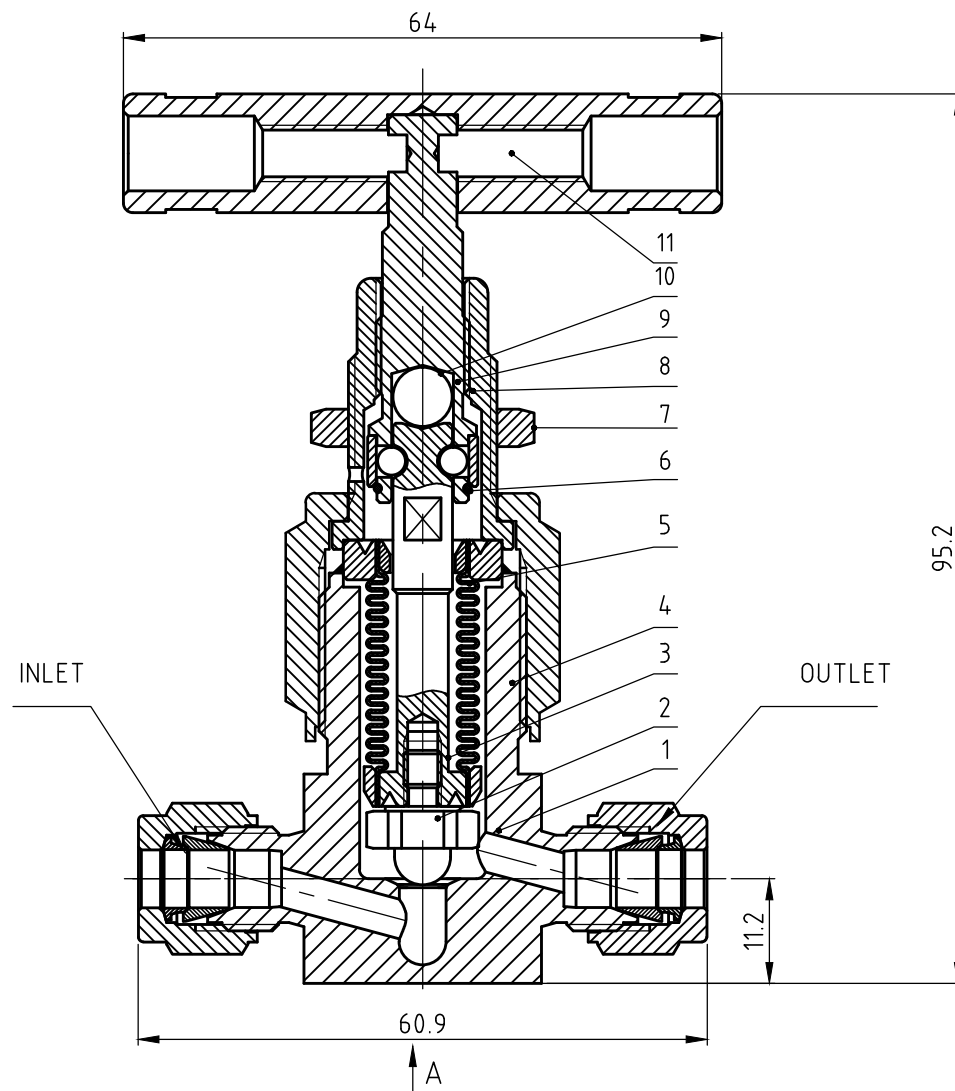
Technical Data:

Orifice Size	4.1mm
Inlet	O.D $\phi 6$
Outlet	O.D $\phi 6$
Cv	0.36
Inboard Leak Rate	4×10^{-10} Pa.m ³ /s He

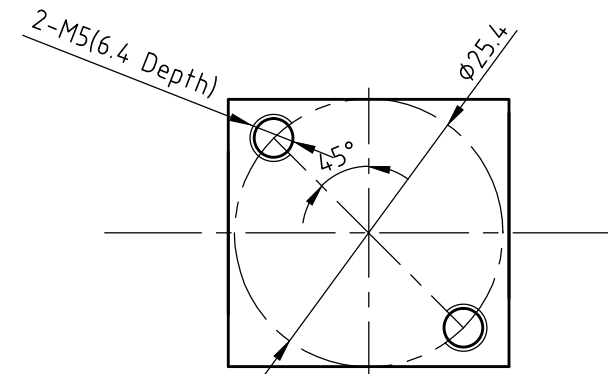
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	1000 (68.9)		
200 (93)	830 (57.1)		

A	Apr.28.2025				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Bellows Valves		
		Model	BS1-M6-04-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Tip	316 S.S./ASTM A479
3	Bellows Assembly	316L S.S.
4	Bonnet Nut	316 S.S./ASTM A479
5	Gasket	316 S.S./ASTM A479
6	Bonnet	316 S.S./ASTM A479
7	Panel Nut	630 S.S.
8	Guide ring	316 S.S./ASTM A479
9	Stem	316 S.S./ASTM A479
10	Steel ball	440C
11	Handle	6061/ASTM B211



Note: Cleaning and packaging in oxygen rich atmospheres meet ASTM G93 Class C.

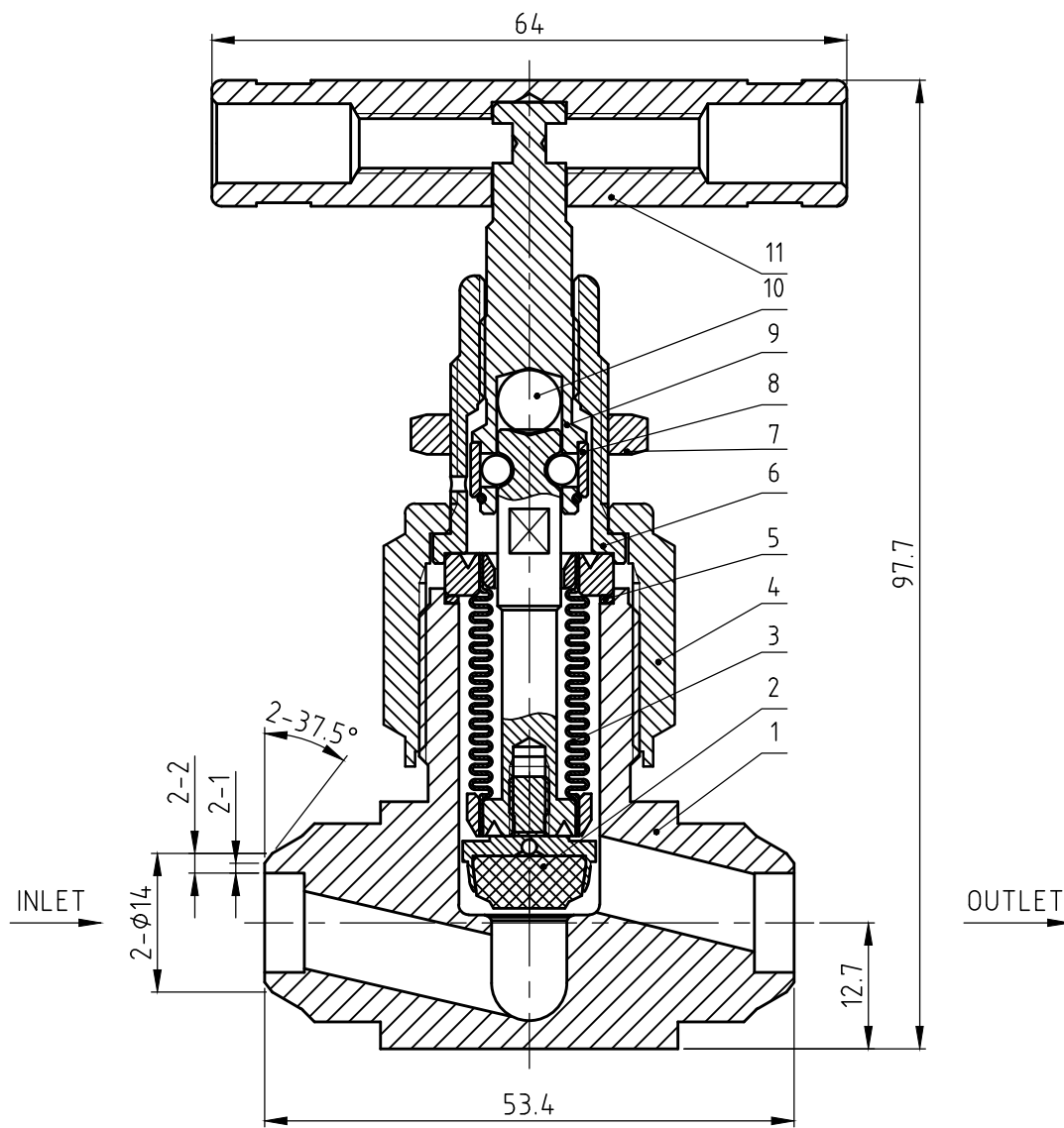
Technical Data:

Orifice Size	5mm
Inlet Size	O.D. $\phi 6$
Outlet Size	O.D. $\phi 6$

Pressure vs. Temperature Ratings:

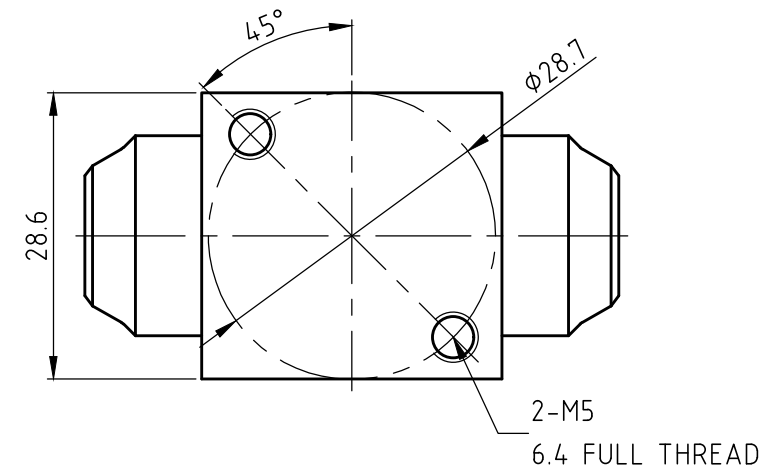
Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	1000 (68.9)		
200 (93)	830 (57.1)		
300 (148)	660 (45.4)		
400 (204)	500 (34.4)		
500 (260)	450 (31.0)		
600 (315)	400 (27.5)		

A	Aug.25,2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Bellows-Sealed Valves		
		Model	BS1-M6-04-W-316-CP2		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Tip	PCTFE/ASTM D1430
3	Bellows Assembly	316L S.S.
4	Bonnet Nut	316 S.S./ASTM A479
5	Gasket	316 S.S./ASTM A479
6	Bonnet	316 S.S./ASTM A479
7	Panel Nut	630 S.S.
8	Guide ring	316 S.S./ASTM A479
9	Stem	316 S.S./ASTM A479
10	Steel ball	440C
11	Handle	6061 ASTM B211

BOTTOM MOUNTING HOLE



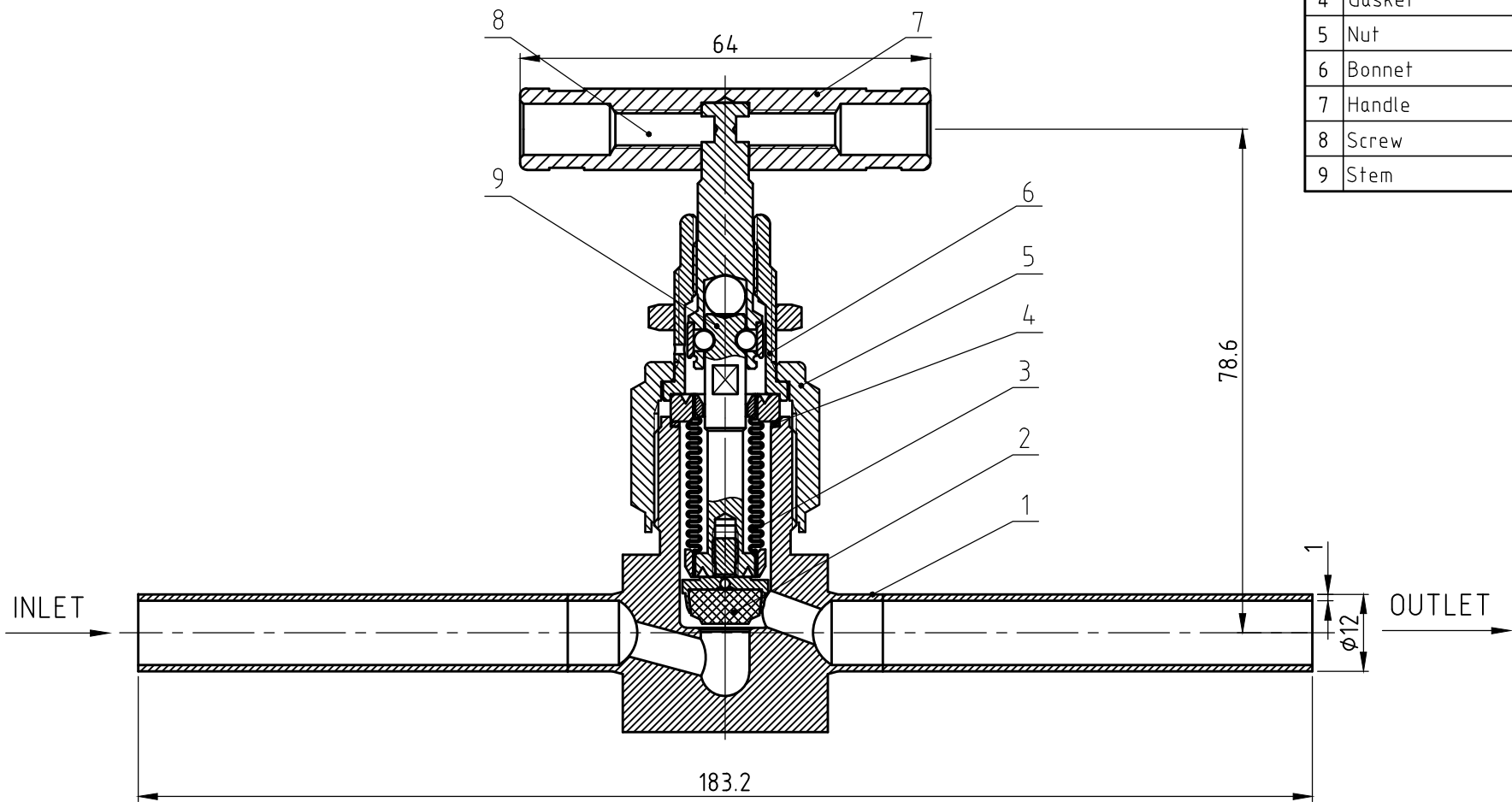
Technical Data:

Orifice Size	7.6mm
Cv	1.2

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	1000 (68.9)		
200 (93)	830 (57.1)		

A	Mar.31.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Bellows Valves		
		Model	BS1-MBW14-08-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

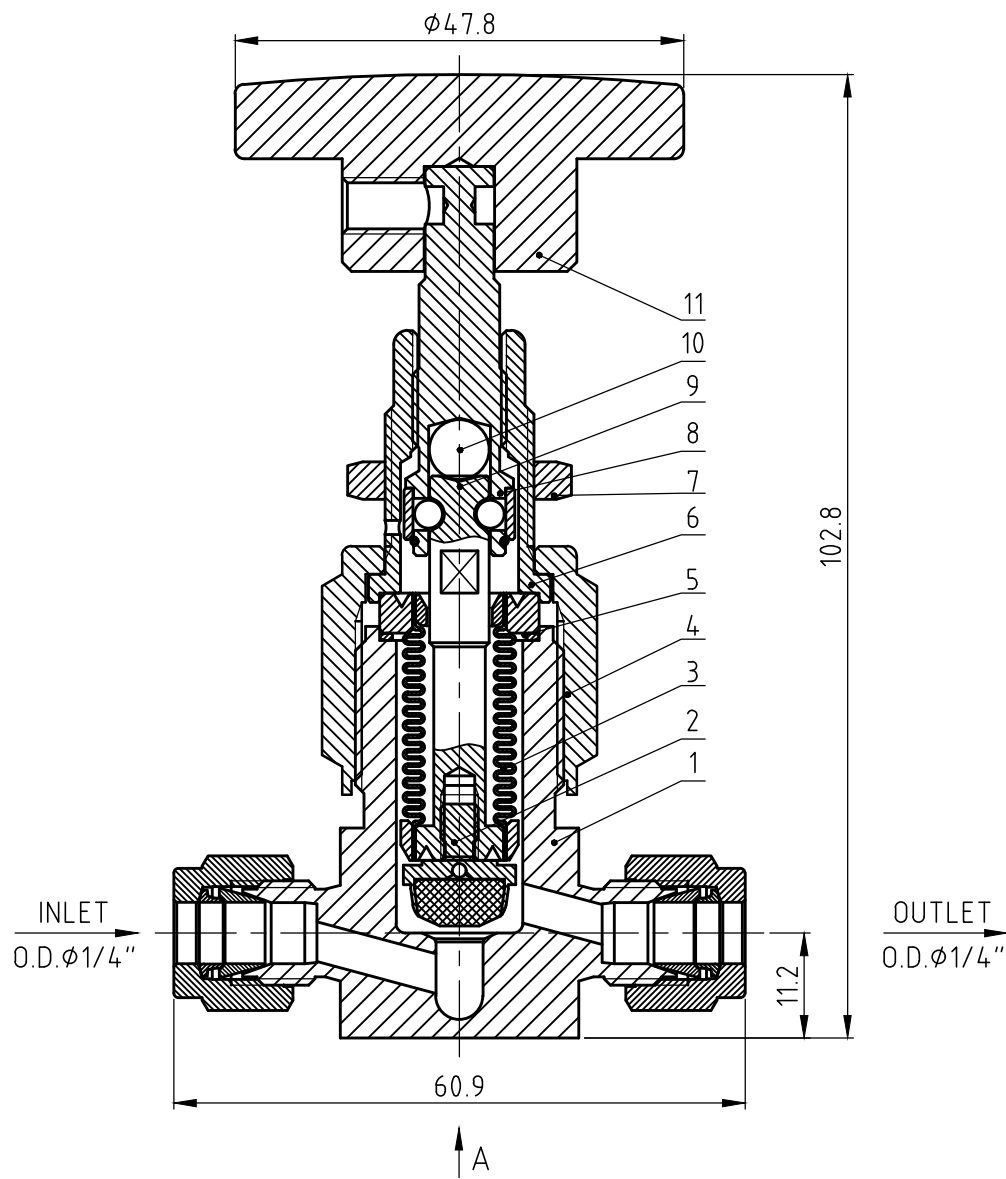


Component		Material Grade
1	Body	316 S.S/ASTM A182
2	Valve Tip	PCTFE
3	Bellows	316 S.S
4	Gasket	316 S.S/ASTM A479
5	Nut	316 S.S/ASTM A479
6	Bonnet	316 S.S/ASTM A479
7	Handle	6061 /ASTM B211
8	Screw	Galvanized steel
9	Stem	316 S.S/ASTM A479

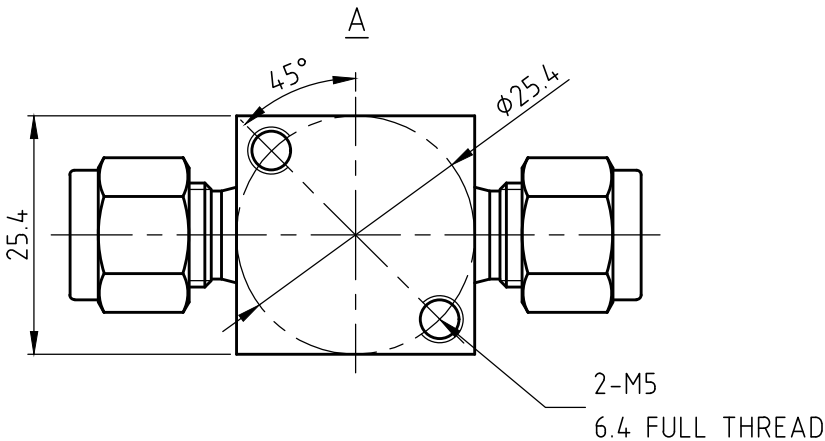
Technical Data:

Max. WP	1000psig(68.9bar)
Temperature	-20 to 200°F (-28 to 93°C)
Orifice Size	7.6mm
Cv	1.2
Inboard Leak Rate	4×10 ⁻¹⁰ std cm ³ /s He

A	Jan.18,2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Bellows Valve		
		Model	BS1-MMBW12-08-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Tip	PCTFE/ASTM D1430
3	Bellows Assembly	316L.S.S
4	Bonnet Nut	316.S.S/ASTM A479
5	Gasket	316.S.S/ASTM A479
6	Bonnet	316.S.S/ASTM A479
7	Panel Nut	630.S.S
8	Guide ring	316.S.S/ASTM A479
9	Stem	316.S.S/ASTM A479
10	Steel ball	440C
11	Handle	6061 ASTM B211



Technical Data:

Orifice Size	4.1mm
Inboard Leak Rate	4×10 ⁻¹⁰ std cm ³ /s He

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	1000 (68.9)		
200 (93)	830 (57.1)		

A	Dec.23.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Bellows Valves		
		Model	BS1-F4-04-K1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		