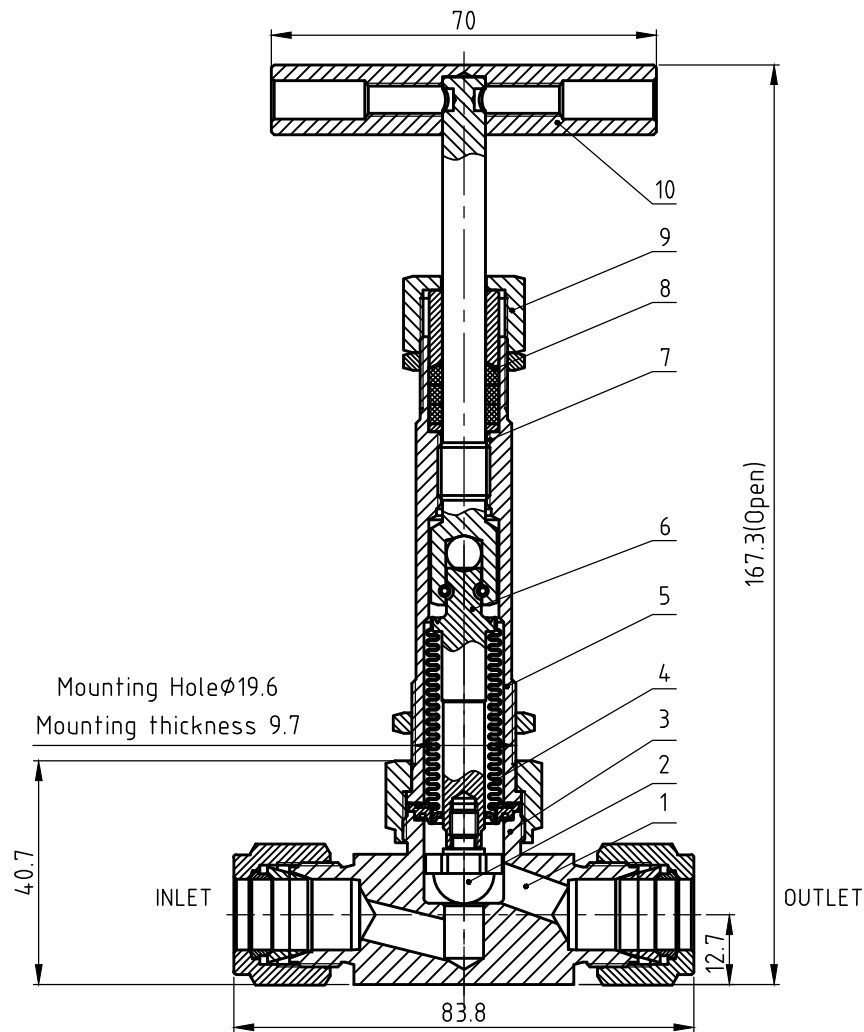
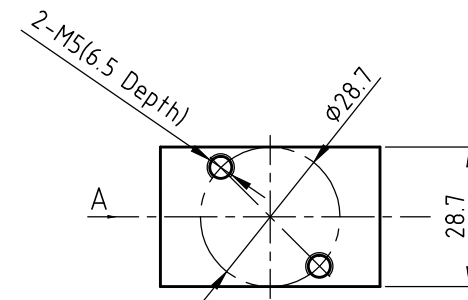




Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Tip	316 S.S./ASTM A479
3	Gasket	316 S.S./ASTM A479
4	Bellows Assembly	316 S.S.
5	Bonnet	316 S.S./ASTM A479
6	Stem	316 S.S./ASTM A479
7	Packing Gland	316 S.S./ASTM A479
8	Packing	Grafoil
9	Packing Nut	316 S.S./ASTM A479
10	Handle	6061 ASTM B211



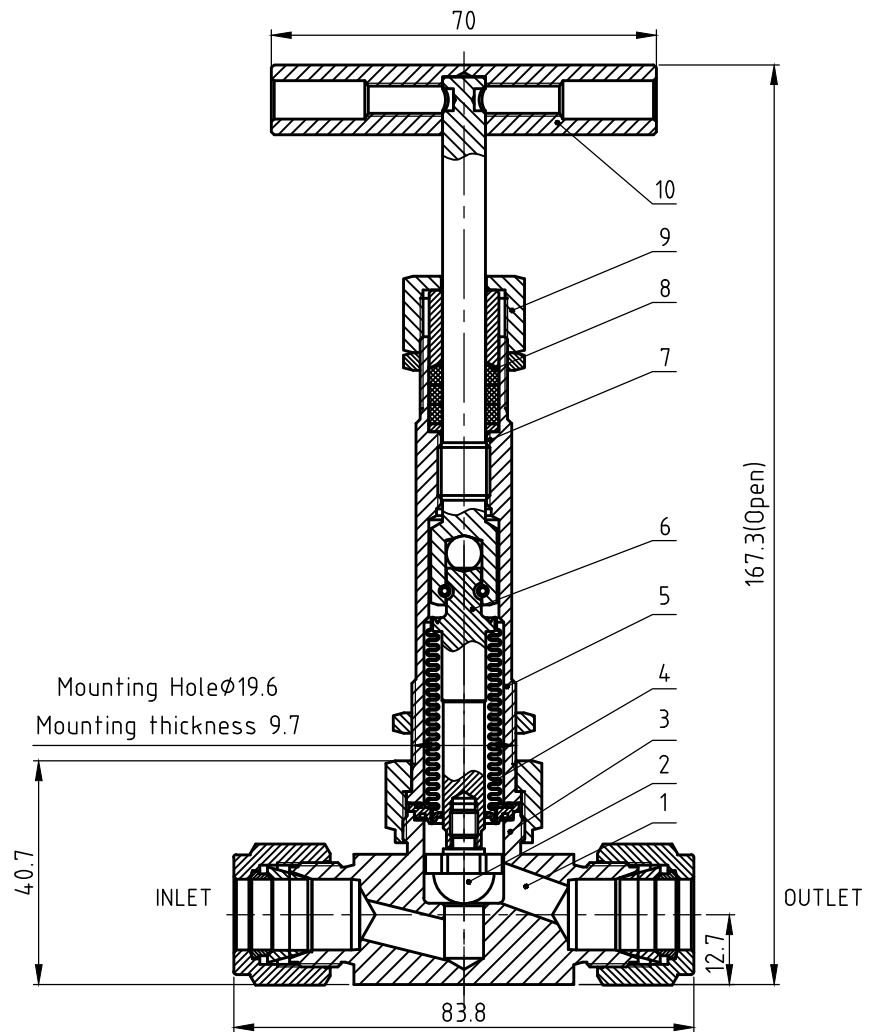
Technical Data:

Orifice Size	7.1mm
Inlet Size	O.D. $\phi 12$
Outlet Size	O.D. $\phi 12$
Cv	1.2

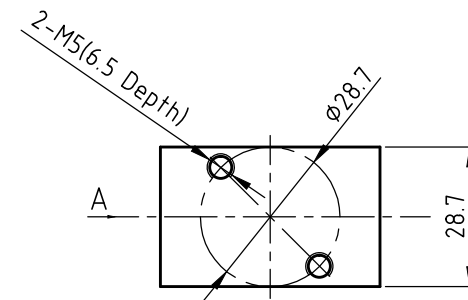
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 650 (343)	2500 (172)	1200 (648)	250 (17.2)
700 (371)	2120 (146)		
800 (426)	1360 (93.7)		
900 (482)	600 (41.3)		
1000 (537)	540 (37.2)		
1100 (593)	360 (24.8)		

A	Jul.26,2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Bellows Valves		
		Model	BS2-M12-07-A-316-HT		
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	Gasket	316 S.S./ASTM A479
4	Bellows Assembly	316 S.S.
5	Bonnet	316 S.S./ASTM A479
6	Stem	316 S.S./ASTM A479
7	Packing Gland	316 S.S./ASTM A479
8	Packing	PTFE/ASTM D1710
9	Packing Nut	316 S.S./ASTM A479
10	Handle	6061 ASTM B211



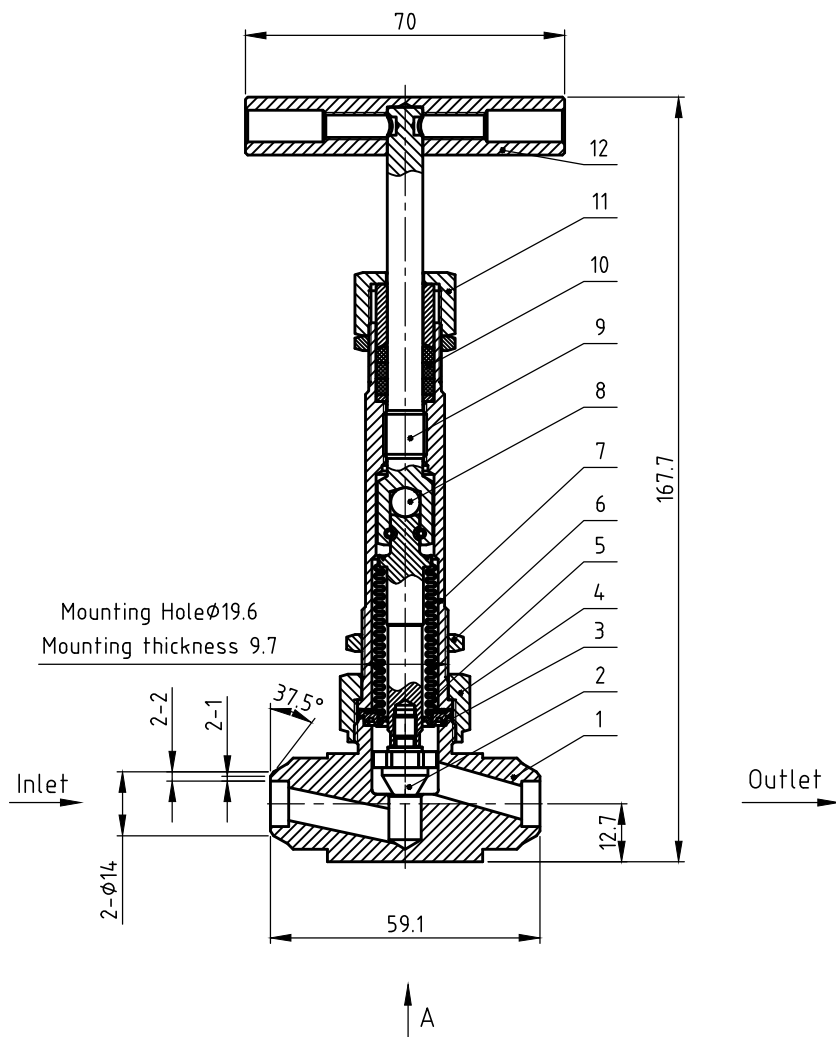
Technical Data:

Orifice Size	7.1mm
Inlet Size	O.D. $\phi 12$
Outlet Size	O.D. $\phi 12$
Cv	1.2

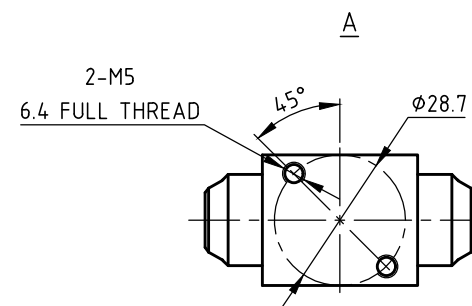
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-325 (-200) to 400 (204)	2500 (172)		

A	Jul.26,2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Bellows Valves		
		Model	BS2-M12-07-A-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Adapter	316 S.S./ASTM A479
3	Gasket	316 S.S./ASTM A479
4	Bonnet Nut	316 S.S./ASTM A479
5	Bellows	316L S.S.
6	Nut	630 S.S.
7	Bonnet	316 S.S./ASTM A479
8	Steel Ball	440C
9	Stem	440C
10	Packing	Graphite
11	Locking Nut	316 S.S./ASTM A479
12	Handle	6061/ASTM B211



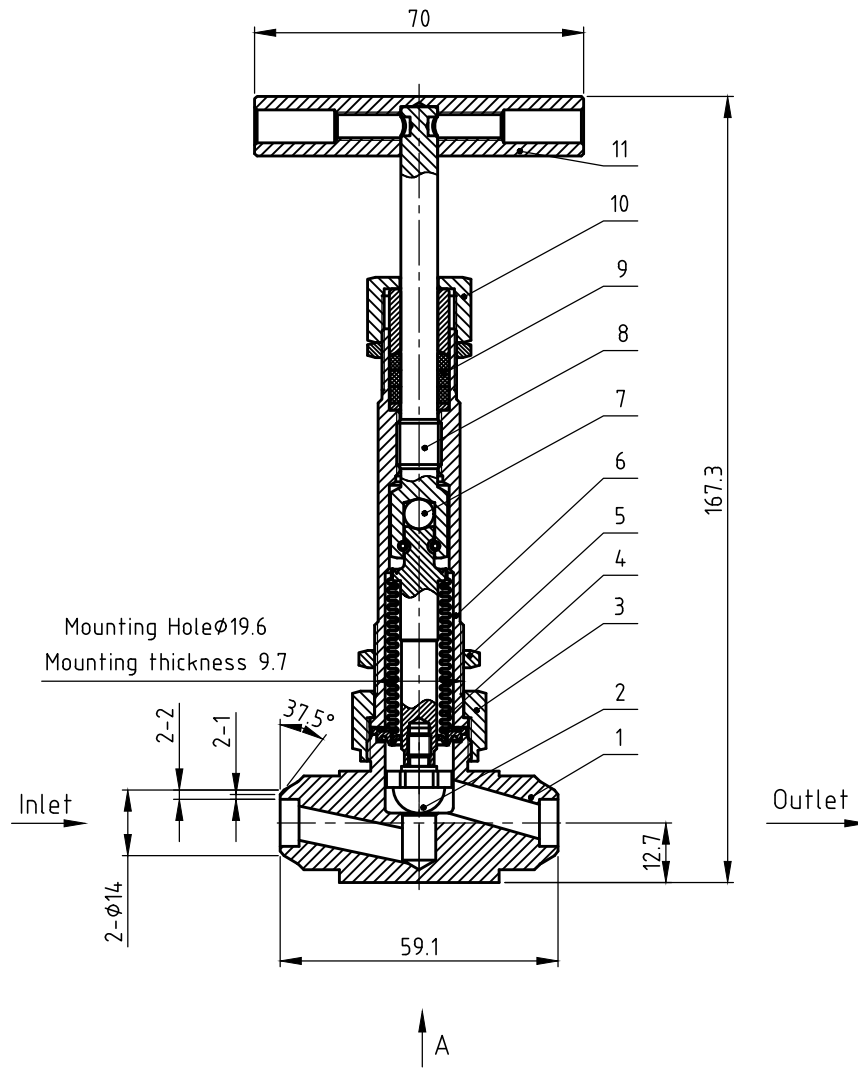
Technical Data:

Orifice Size	7.1mm
Inlet Size	Ø14 Tube Butt Weld
Outlet Size	Ø14 Tube Butt Weld
Cv	1
Inboard Leak Rate	4×10^{-10} pa m ³ /s He

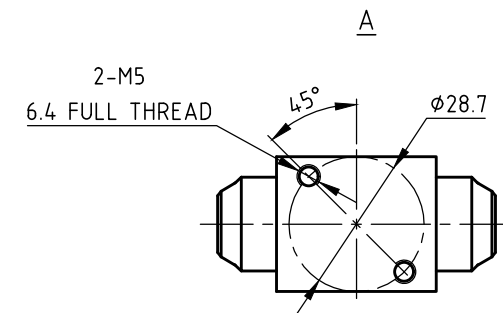
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 650 (343)	2500 (172)		

A	Sep.10.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Bellows Valves		
		Model	BS2-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 A479
2	Adapter	316 S.S./ASTM A479
3	Bonnet Nut	316 S.S./ASTM A479
4	Bellows	316L S.S.
5	Nut	630 S.S.
6	Bonnet	316 S.S./ASTM A479
7	Steel Ball	440C
8	Stem	440C
9	Packing	Graphite
10	Locking Nut	316 S.S./ASTM A479
11	Handle	6061/ASTM B211



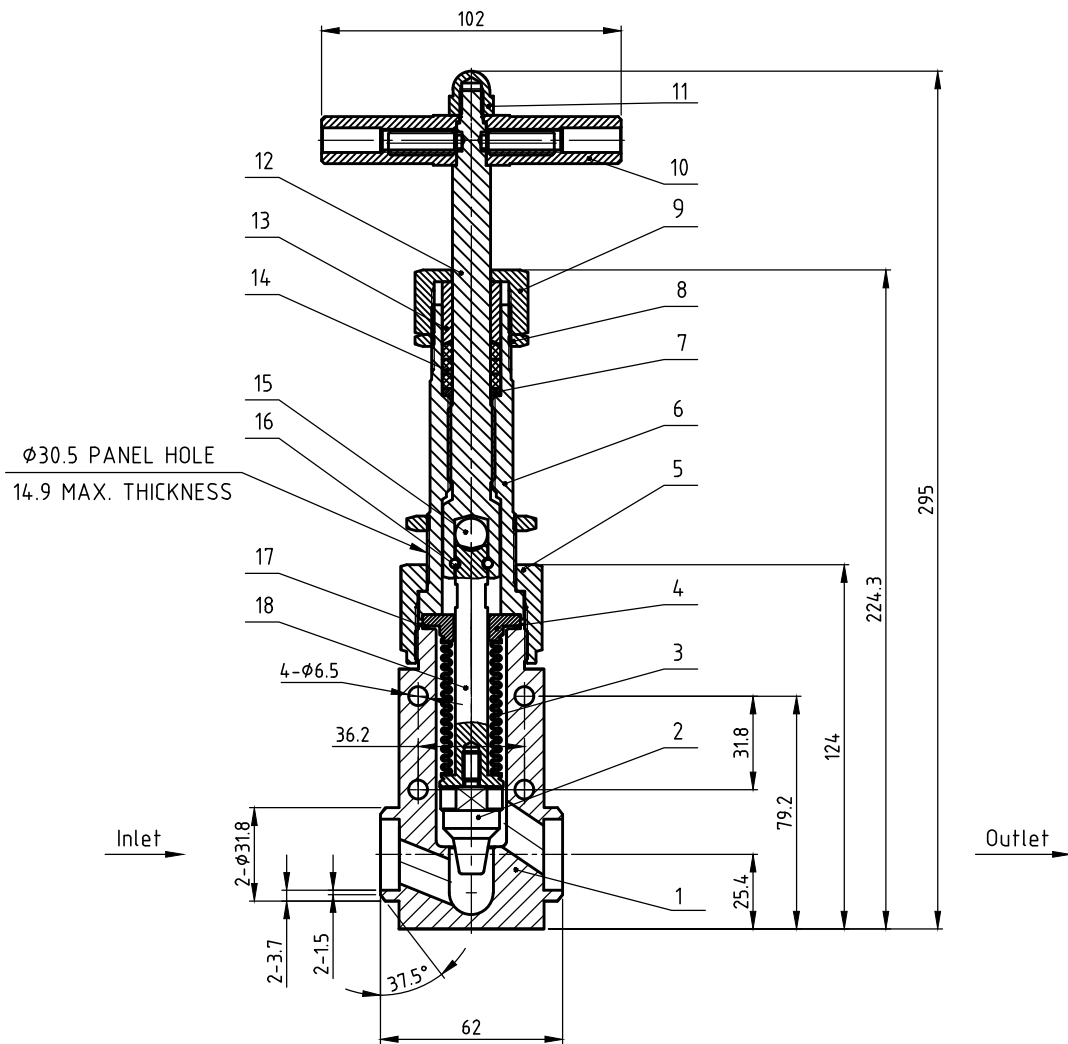
Technical Data:

Orifice Size	7.1mm
Inlet Size	Ø14 Tube Butt Weld
Outlet Size	Ø14 Tube Butt Weld
Cv	1
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 650 (343)	2500 (172)	1200 (648)	250 (17.2)
700 (371)	2120 (146)		
800 (426)	1360 (93.7)		
900 (482)	600 (41.3)		
1000 (537)	480 (33)		
1100 (537)	360 (24.8)		

A	May.09.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Bellows Valves		
		Model	BS2-MBW14-08-WA-316-HT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Stem Adapter	316 S.S./ASTM A479
3	Bellows	316 S.S./ASTM A240
4	Weld Ring	316 S.S./ASTM A479
5	Bonnect Nut	316 S.S./ASTM A479
6	Bonnet	316 S.S./ASTM A479
7	Spacer	316 S.S./ASTM A479
8	Jam Nut	316 S.S./ASTM A479
9	Gland Nut	316 S.S./ASTM A479
10	Handle	6061/ASTM B211
11	Cap Nut	304 S.S./ASTM A479
12	Actuator	440C S.S./ASTM A276
13	Gland	316 S.S./ASTM A479
14	Packing	Grafoil
15	Ball Pearing	440C S.S.
16	Actuator Pin	416 S.S.
17	Gasket	316 S.S./ASTM A479
18	Stem	316 S.S./ASTM A479

Technical Data:

Inlet Size	1 1/4" Butt Weld
Outlet Size	1 1/4" Butt Weld
Inboard Leak Rate	4×10^{-10} Pa·m ³ /s He
Cv	3.1

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 650 (343)	2500 (172)		

A	Aug.27,2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Bellows Valve		
		Model	BS2-FBW20-15-R-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		