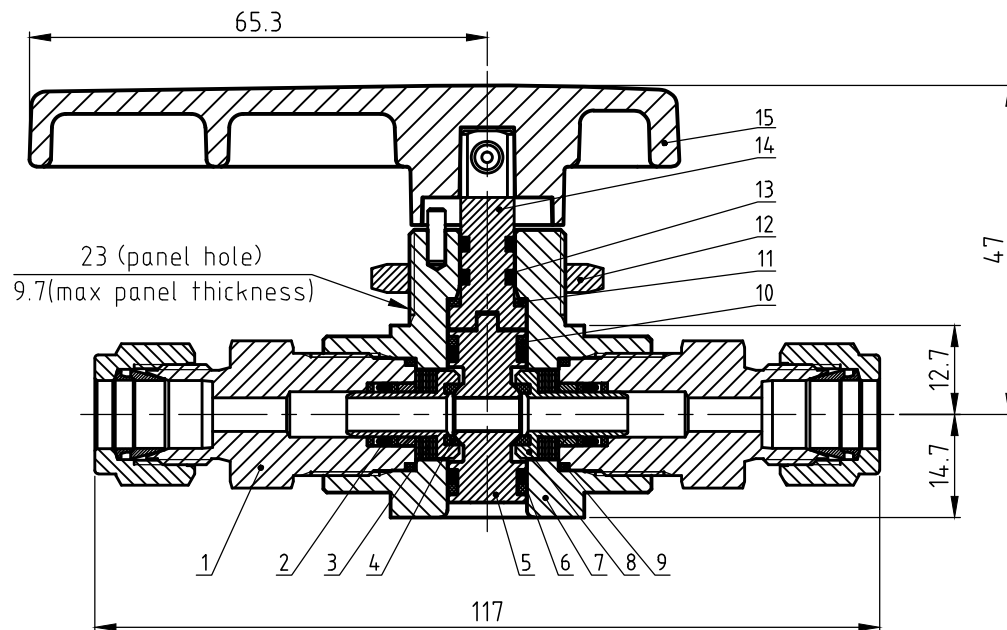




Component		Material Grade
1	Connector	316.S.S/ASTM A479
2	O-Ring	FKM
3	Spring	X-750/AMS 5542
4	Seat	PEEK
5	Ball	316.S.S/ASTM A479
6	O-Ring	FKM
7	Body	316.S.S/ASTM A182
8	Seat carriers	316.S.S/ASTM A479
9	Seat carrier guides	PTFE/ASTM D1710
10	Trunnion backup rings	PTFE/ASTM D1710
11	Bearing	RPTFE
12	Nut	316.S.S/ASTM A479
13	O-Ring	FKM
14	Stem	316.S.S/ASTM A479
15	Handle	ADC12/JIS H5302

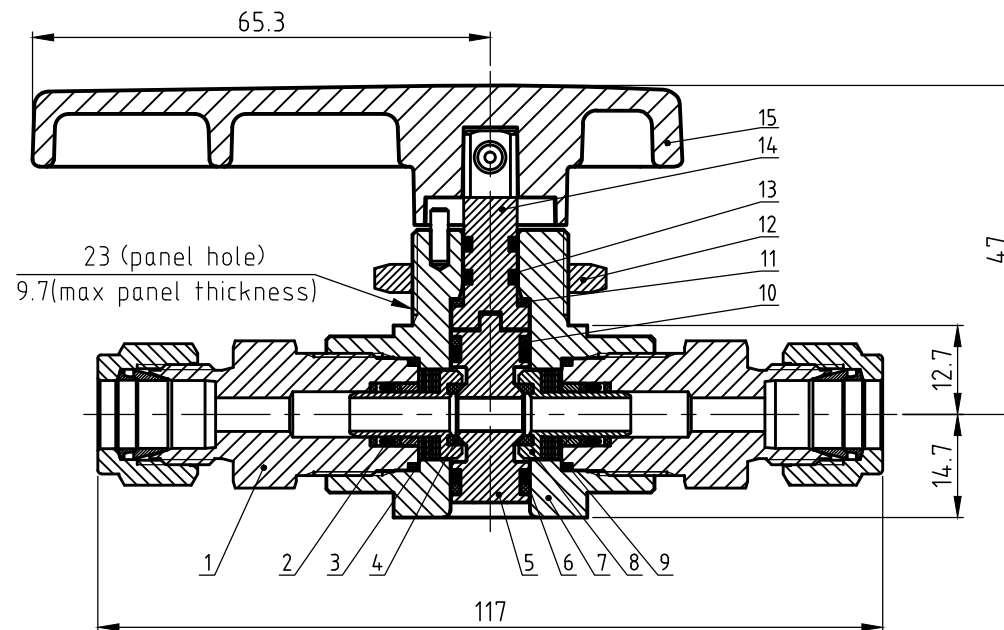
Technical Data:

Inlet Size	O.D. $\phi 1/2''$
Outlet Size	O.D. $\phi 1/2''$
Orifice Size	4.7mm

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
0 (-17) to 100 (37)	6000 (413)		
200 (93)	5000 (344)		
300 (148)	3200 (220)		
400 (204)	1400 (96.4)		
450 (232)	500 (34.4)		

A	Apr.02.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV7-F8-P05-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Connector	316.S.S/ASTM A479
2	O-Ring	FKM
3	Spring	X-750/AMS 5542
4	Seat	PCTFE
5	Ball	316.S.S/ASTM A479
6	O-Ring	FKM
7	Body	316.S.S/ASTM A182
8	Seat carriers	316.S.S/ASTM A479
9	Seat carrier guides	PTFE/ASTM D1710
10	Trunnion backup rings	PTFE/ASTM D1710
11	Bearing	RPTFE
12	Nut	316.S.S/ASTM A479
13	O-Ring	FKM
14	Stem	316.S.S/ASTM A479
15	Handle	ADC12/JIS H5302

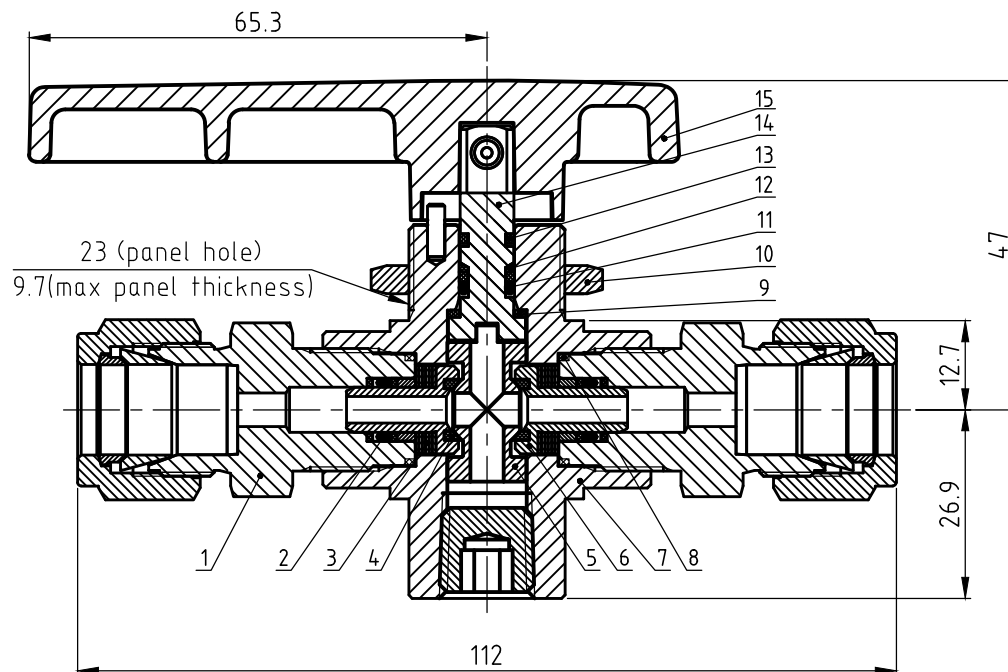
Technical Data:

Inlet Size	O.D. $\phi 12$
Outlet Size	O.D. $\phi 12$
Orifice Size	4.7mm
Cv	1.4

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
0 (-17) to 100 (37)	6000 (413)		
150 (65)	3000 (206)		
200 (93)	2000 (137)		
250 (121)	1000 (68.9)		

A	Jul.26.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV7-M12-K05-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Connector	316.S.S/ASTM A479
2	O-Ring	FKM
3	Spring	X-750/AMS 5542
4	Seat	PEEK
5	Ball	316.S.S/ASTM A479
6	Seat carriers	316.S.S/ASTM A479
7	Body	316.S.S/ASTM A182
8	Seat carrier guides	PTFE/ASTM D1710
9	Bearing	PEEK
10	Nut	316.S.S/ASTM A479
11	O-Ring	FKM
12	Stem support	PTFE/ASTM D1710
13	Stem support	PEEK
14	Stem	316.S.S/ASTM A479
15	Handle	ADC12/JIS H5302

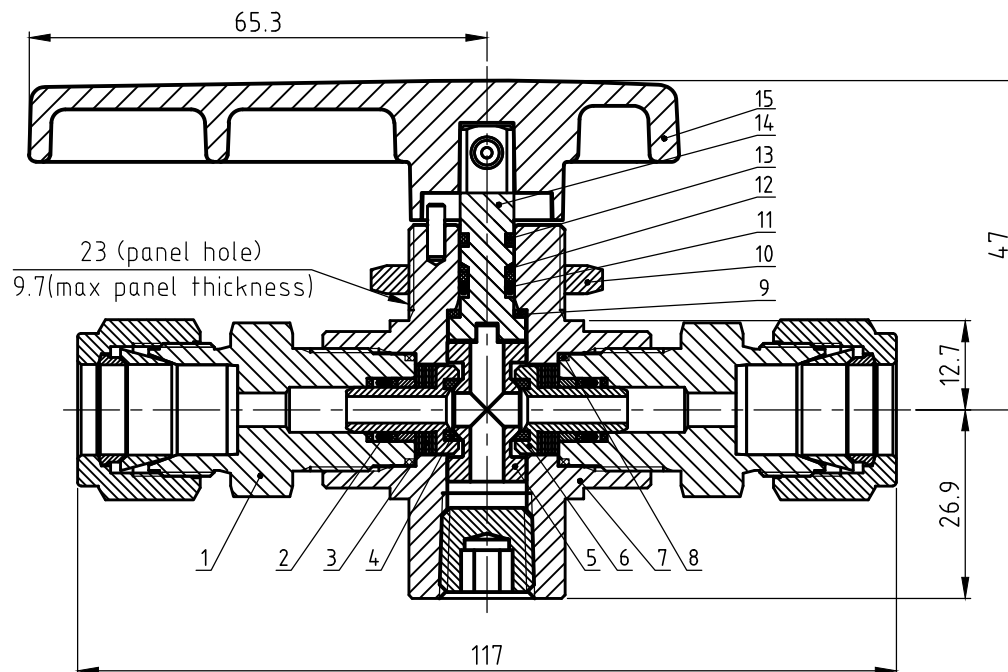
Technical Data:

Inlet Size	O.D. $\phi 3/8"$
Outlet Size	O.D. $\phi 3/8"$
Orifice Size	4.7mm
Cv	1.0

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
0 (-17) to 100 (37)	10000 (689)		
200 (93)	5000 (344)		
300 (148)	3200 (220)		
400 (204)	1400 (96.4)		
450 (232)	500 (34.4)		

A	Apr.02.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV71-F6-P05-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Connector	316.S.S/ASTM A479
2	O-Ring	FKM
3	Spring	X-750/AMS 5542
4	Seat	PEEK
5	Ball	316.S.S/ASTM A479
6	Seat carriers	316.S.S/ASTM A479
7	Body	316.S.S/ASTM A182
8	Seat carrier guides	PTFE/ASTM D1710
9	Bearing	PEEK
10	Nut	316.S.S/ASTM A479
11	O-Ring	FKM
12	Stem support	PTFE/ASTM D1710
13	Stem support	PEEK
14	Stem	316.S.S/ASTM A479
15	Handle	ADC12/JIS H5302

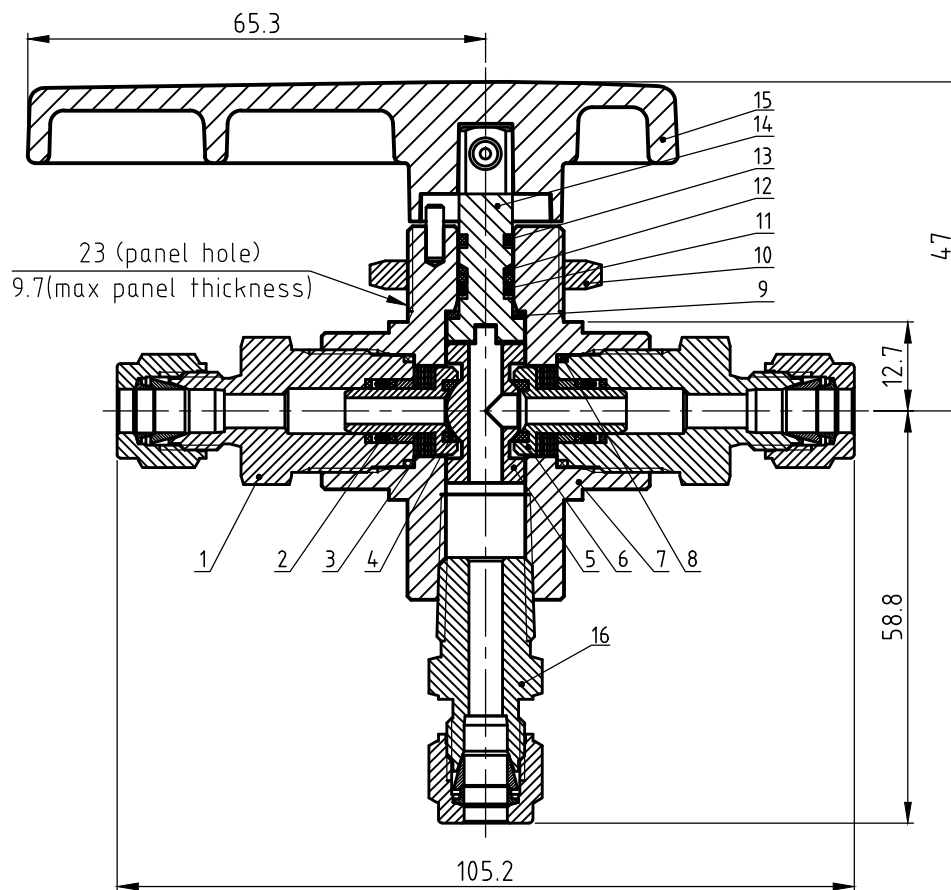
Technical Data:

Inlet Size	O.D. $\phi 1/2''$
Outlet Size	O.D. $\phi 1/2''$
Orifice Size	4.7mm
Cv	1.0

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
0 (-17) to 100 (37)	10000 (689)		
200 (93)	5000 (344)		
300 (148)	3200 (220)		
400 (204)	1400 (96.4)		
450 (232)	500 (34.4)		

A	Apr.02.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV71-F8-P05-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Connector	316.S.S/ASTM A479
2	O-Ring	FKM
3	Spring	X-750/AMS 5542
4	Seat	PEEK
5	Ball	316.S.S/ASTM A479
6	Seat carriers	316.S.S/ASTM A479
7	Body	316.S.S/ASTM A182
8	Seat carrier guides	PTFE/ASTM D1710
9	Bearing	PEEK
10	Nut	316.S.S/ASTM A479
11	O-Ring	FKM
12	Stem support	PTFE/ASTM D1710
13	Stem support	PEEK
14	Stem	316.S.S/ASTM A479
15	Handle	ADC12/JIS H5302
16	Connector	316.S.S/ASTM A479

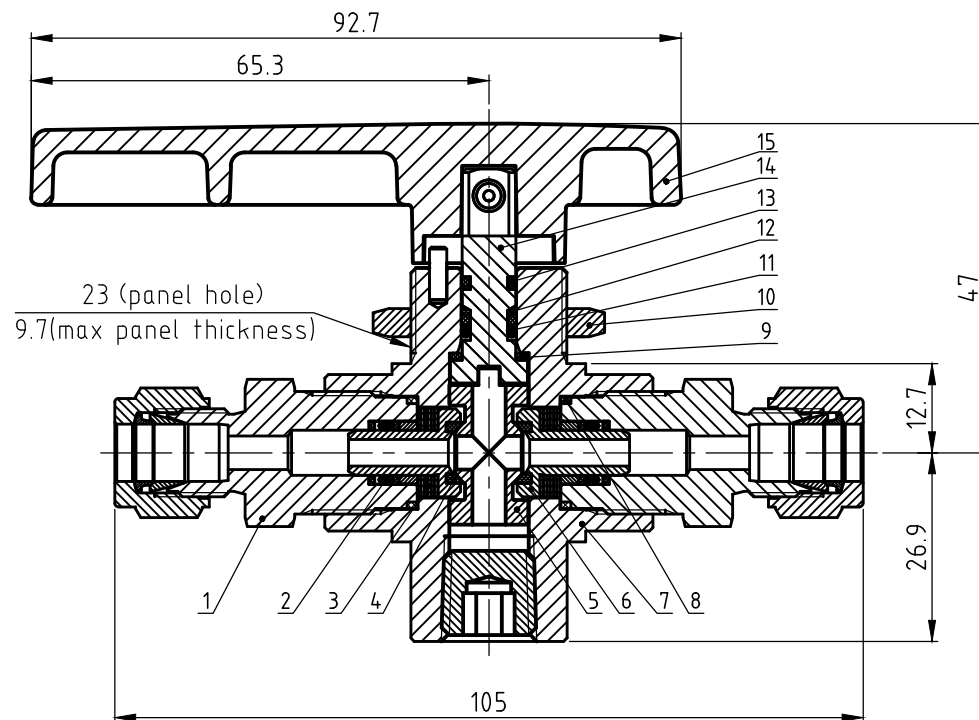
Technical Data:

Inlet Size	0.D.ϕ6
Outlet Size	0.D.ϕ6
Orifice Size	4.7mm
Cv	0.75

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
0 (-17) to 100 (37)	10000 (689)		
200 (93)	5000 (344)		
300 (148)	3200 (220)		
400 (204)	1400 (96.4)		
450 (232)	500 (34.4)		

A	Jan.19.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV71-M6-P05-3-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Connector	316 S.S./ASTM A479
2	O-Ring	FKM
3	Spring	X-750/AMS 5542
4	Seat	PEEK
5	Ball	316 S.S./ASTM A479
6	Seat carriers	316 S.S./ASTM A479
7	Body	316 S.S./ASTM A182
8	Seat carrier guides	PTFE/ASTM D1710
9	Bearing	PEEK
10	Nut	316 S.S./ASTM A479
11	O-Ring	FKM
12	Stem support	PTFE/ASTM D1710
13	Stem support	PEEK
14	Stem	316 S.S./ASTM A479
15	Handle	ADC12/JIS H5302

Technical Data:

Orifice Size	4.7mm
Inlet Size	O.D. $\phi 1/4''$
Outlet Size	O.D. $\phi 1/4''$
Cv	1.5

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
0 (-17) to 100 (37)	10000 (689)		
200 (93)	5000 (344)		
300 (148)	3200 (220)		
400 (204)	1400 (96.4)		
450 (232)	500 (34.4)		

A	Mar.17.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valve		
		Model	BV71-F4-P05-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		