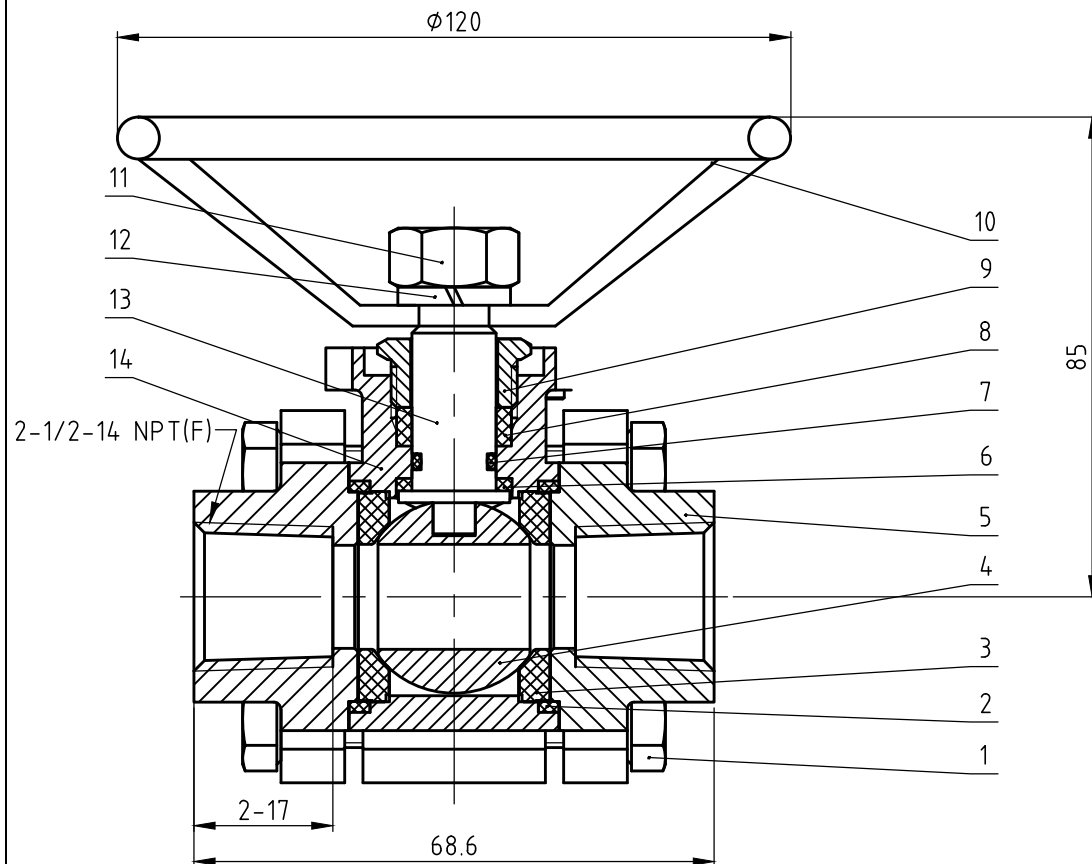




Component		Material Grade
1	Screw Bolt	304 S.S.
2	Seal Ring	PTFE/ASTM D1710
3	Seat	PEEK
4	Ball	316 S.S./ASTM A276
5	Connector	CF8M/ASTM A351
6	Bearing	PTFE/ASTM D1710
7	O-ring	FKM
8	Packing	PTFE/ASTM D1710
9	Packing Nut	CF8M/ASTM A351
10	Handle	304 S.S.
11	Nut	304 S.S.
12	Spring Washer	304 S.S.
13	Stem	316 S.S./ASTM A276
14	Packing	CF8M/ASTM A351

Note: Hydrogen sulfide environment for products
Standard of material execution: NACE MR 0175

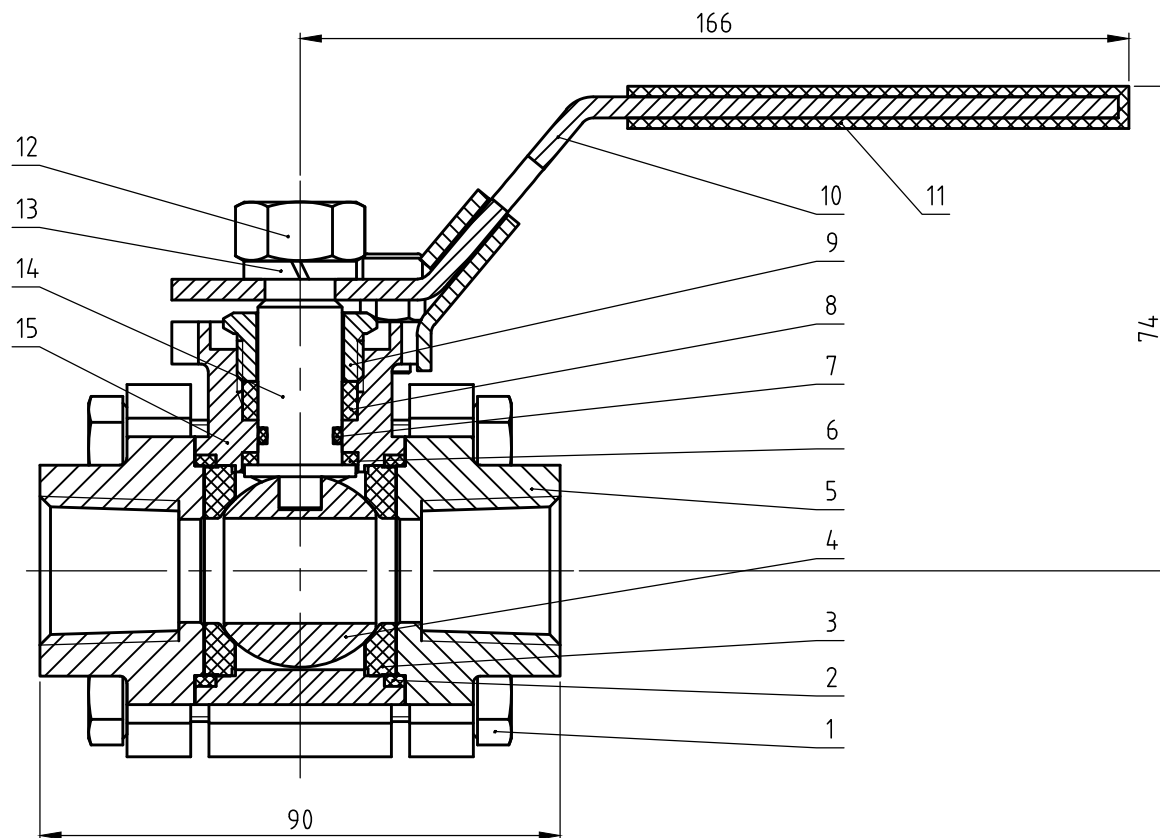
Technical Data:

Orifice Size	12.7mm
Inlet Size	1/2 NPT(F)
Outlet Size	1/2 NPT(F)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	3000 (206)		
200 (93)	1870 (128)		
300 (148)	1600 (110)		
400 (204)	1260 (86)		
450 (232)	800 (55)		

A	Sep.16, 2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-FNPT8-P13-316-NACE-EJF01		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Screw Bolt	304 S.S.
2	Seal Ring	PTFE/ASTM D1710
3	Seat	PEEK
4	Ball	316 S.S./ASTM A276
5	Connector	CF8M/ASTM A351
6	Bearing	PTFE/ASTM D1710
7	O-ring	FKM
8	Packing	PTFE/ASTM D1710
9	Packing Nut	CF8M/ASTM A351
10	Handle	304 S.S.
11	Handle Sleeve	PVC
12	Nut	304 S.S.
13	Spring Washer	304 S.S.
14	Stem	316 S.S./ASTM A276
15	Packing	CF8M/ASTM A351

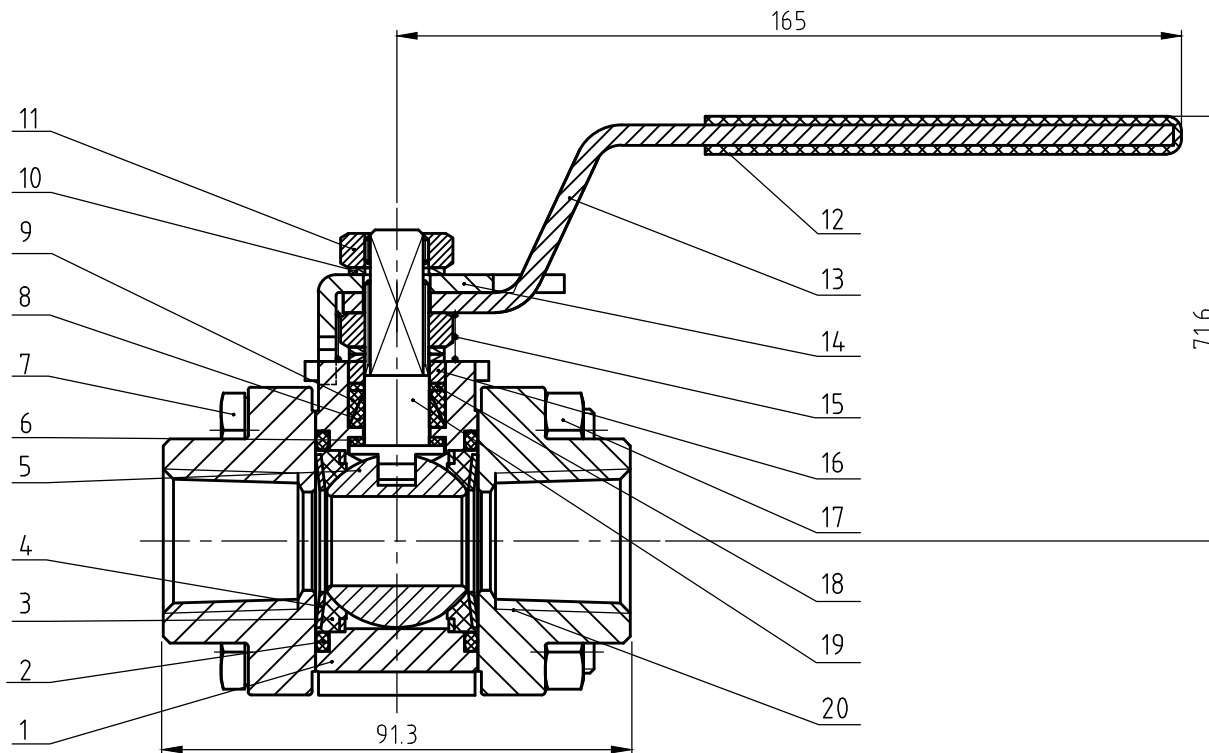
Technical Data:

Orifice Size	22.2mm
Inlet Size	1 NPT(F)
Outlet Size	1 NPT(F)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	2500 (172)		
200 (93)	1560 (107)		
300 (148)	1310 (90.2)		
400 (204)	970 (66.8)		
450 (232)	800 (55.1)		

A	May.17, 2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-FNPT16-P22-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	Silicone Rubber
3	Seat	PFA
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PFA
9	Packing	PFA
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

Note: 1, Hydrogen sulfide environment for products.
Standard of material execution: NACE MR 0175
2, Note:Not recommended for panel mounting.

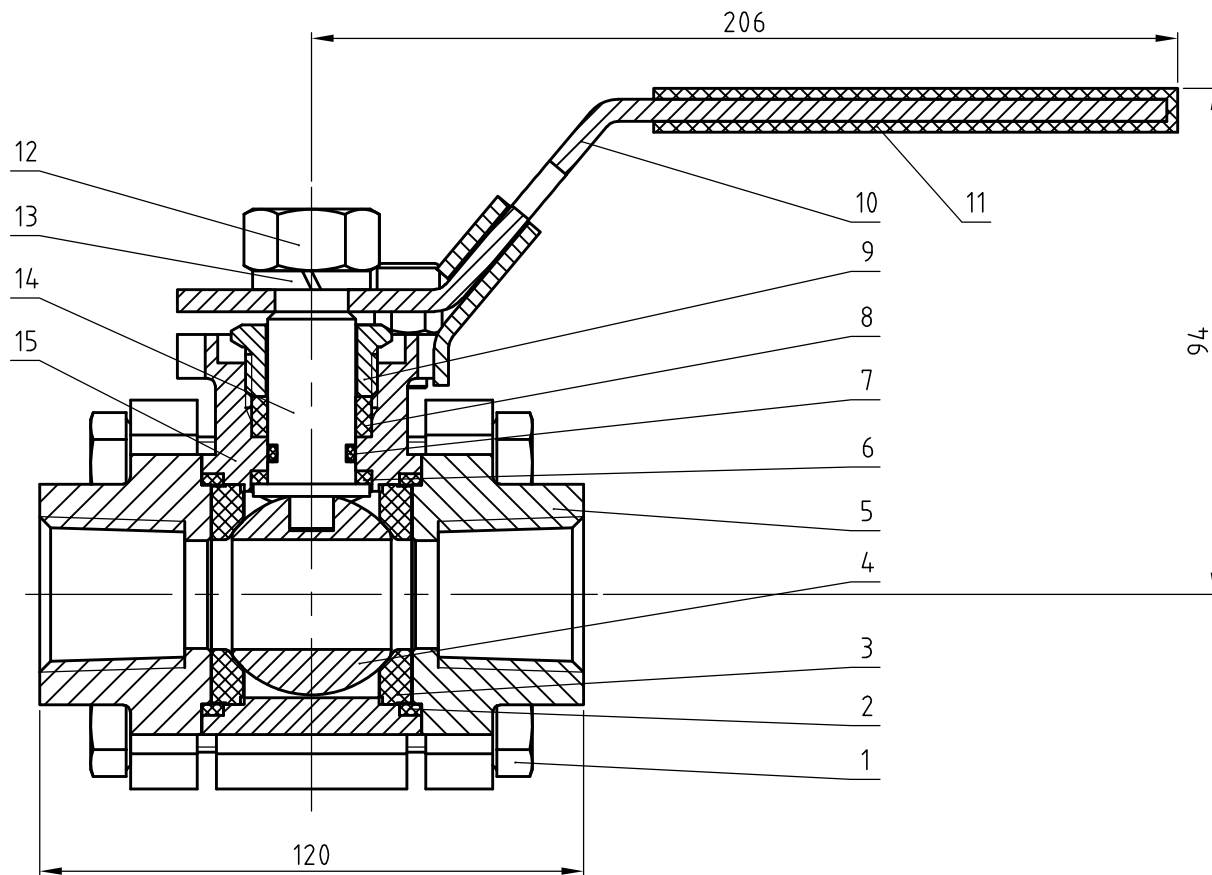
Technical Data:

Orifice Size	22mm
Inlet Size	1 NPT(F)
Outlet Size	1 NPT(F)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	1500 (103)		
200 (93)	1500 (103)		
300 (148)	800 (55.1)		
400 (204)	330 (22.7)		
450 (232)	100 (6.8)		

A	Feb.22, 2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-FNPT16-T22-316-LT-NACE		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Screw Bolt	304 S.S.
2	Seal Ring	PTFE/ASTM D1710
3	Seat	PFA
4	Ball	316 S.S./ASTM A276
5	Connector	CF8M/ASTM A351
6	Bearing	PTFE/ASTM D1710
7	O-ring	Silicone Rubber
8	Packing	PTFE/ASTM D1710
9	Packing Nut	CF8M/ASTM A351
10	Handle	304 S.S.
11	Handle Sleeve	PVC
12	Nut	304 S.S.
13	Spring Washer	304 S.S.
14	Stem	316 S.S./ASTM A276
15	Body	CF8M/ASTM A351

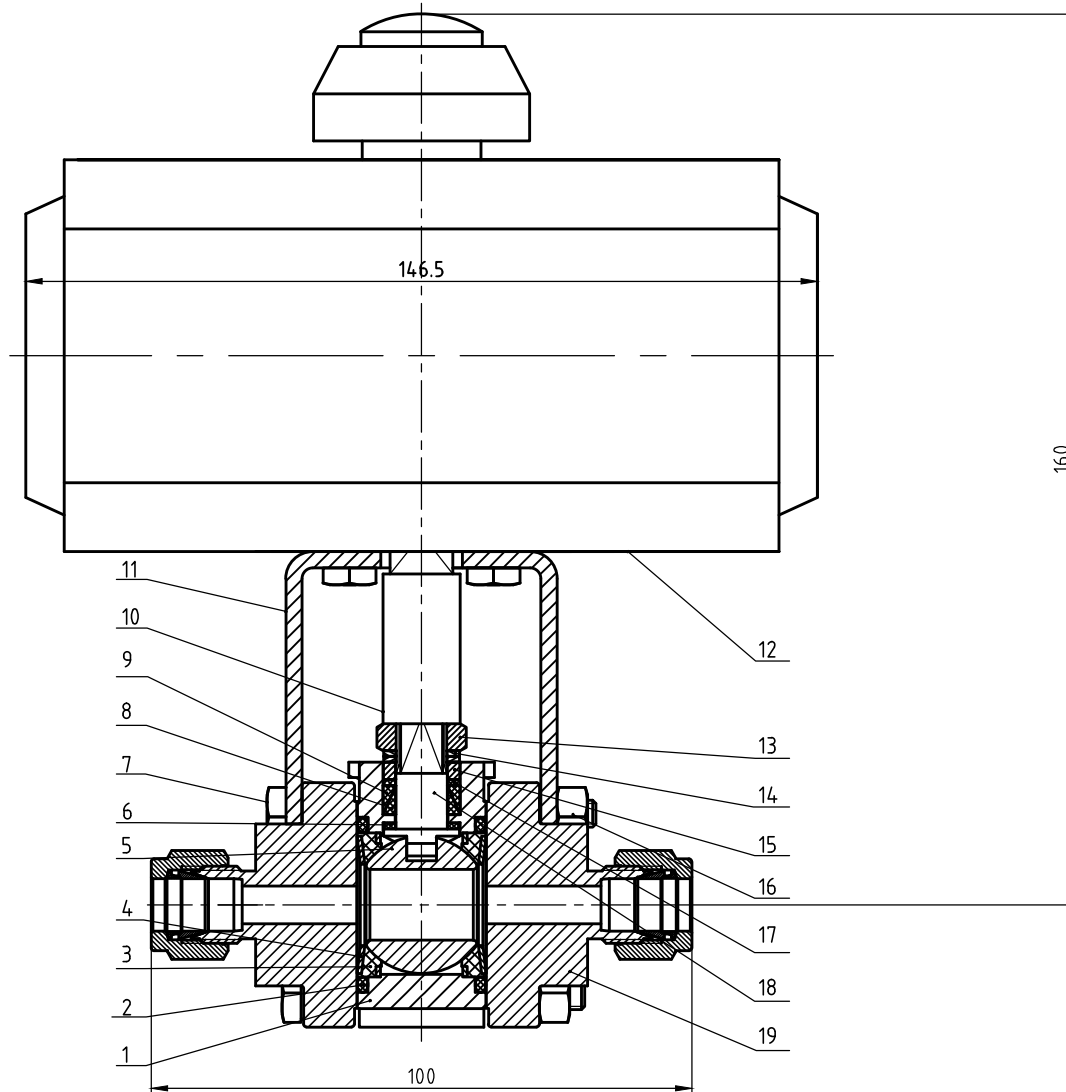
Technical Data:

Orifice Size	38.1mm
Inlet Size	1 1/2 NPT(F)
Outlet Size	1 1/2 NPT(F)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	1500 (103)		
200 (93)	1500 (103)		
300 (148)	800 (55.1)		
400 (204)	330 (22.7)		
450 (232)	100 (6.8)		

A	Aug.21.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-FNPT24-T38-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	FKM
3	Seat	PEEK
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Adaptor	304 S.S.
11	Bracket	304 S.S.
12	Pneumatic Actuators	
13	Nut	304 S.S.
14	Disc Spring	304 S.S.
15	Gland	316 S.S./ASTM A479
16	Nut	304 S.S.
17	Washer	PEEK
18	Stem	316 S.S./ASTM A479
19	Connect	CF8M/ASTM A351

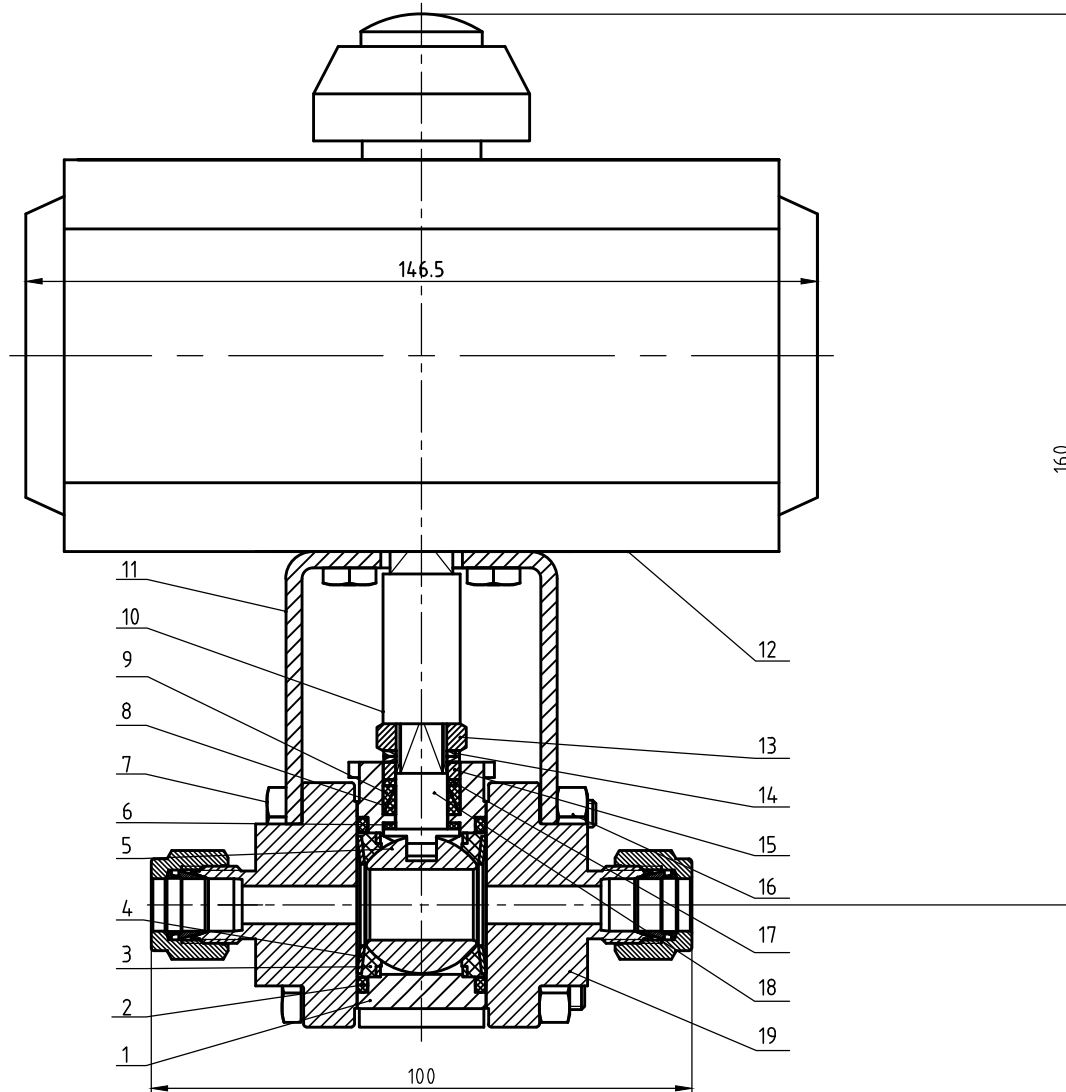
Technical Data:

Orifice Size	13mm
Inlet Size	O.D. ϕ 3/8"
Outlet Size	O.D. ϕ 3/8"
Pneumatic Actuator type	Spring Return Normally Close
Drive air pressure	5-8bar

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	3000 (172)		
200 (93)	1870 (128)		
300 (148)	1600 (110)		
400 (204)	1260 (86.8)		
450 (232)	800 (55.1)		

A	Sep.01, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-F6-P13-PSC-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	FKM
3	Seat	PEEK
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Adaptor	304 S.S.
11	Bracket	304 S.S.
12	Pneumatic Actuators	
13	Nut	304 S.S.
14	Disc Spring	304 S.S.
15	Gland	316 S.S./ASTM A479
16	Nut	304 S.S.
17	Washer	PEEK
18	Stem	316 S.S./ASTM A479
19	Connect	CF8M/ASTM A351

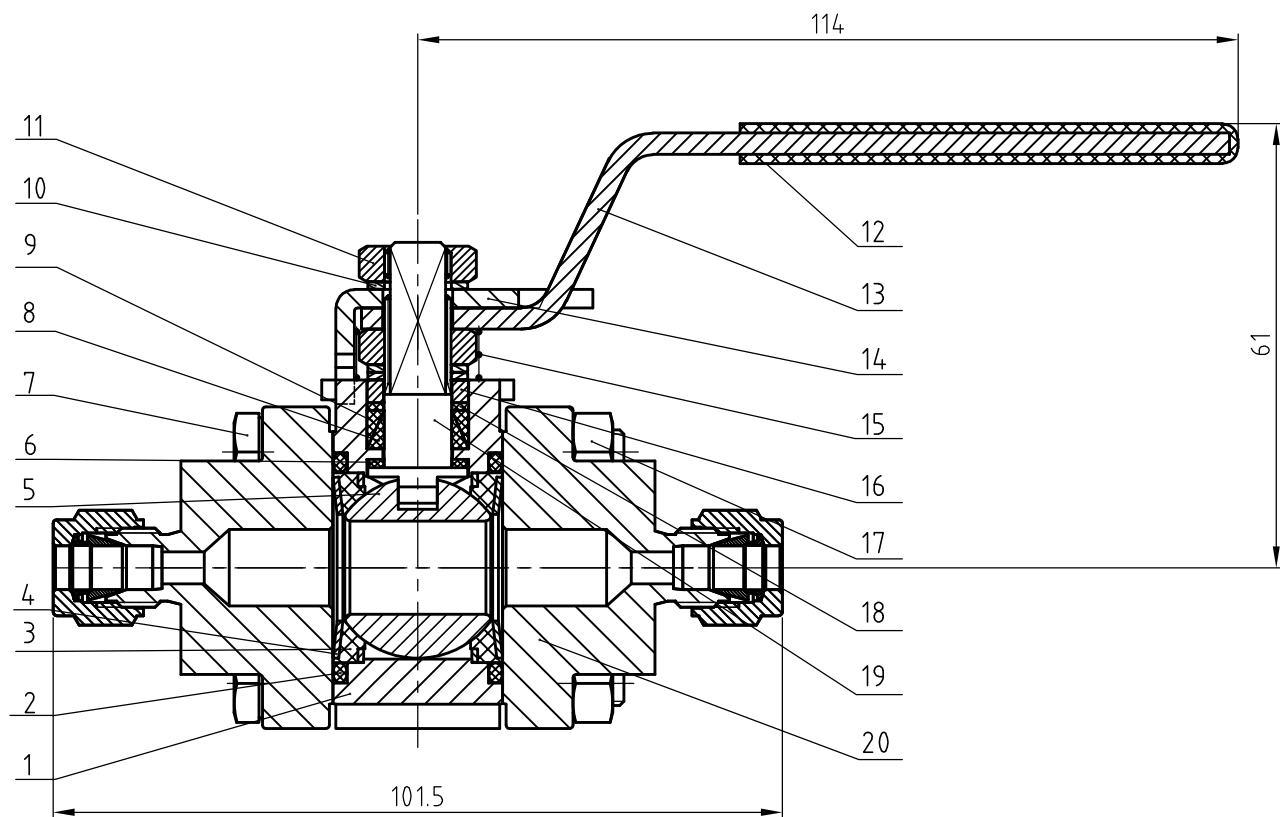
Technical Data:

Orifice Size	13mm
Inlet Size	O.D. ϕ 3/8"
Outlet Size	O.D. ϕ 3/8"
Pneumatic Actuator type	Spring Return Normally Open
Drive air pressure	5-8bar

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	3000 (172)		
200 (93)	1870 (128)		
300 (148)	1600 (110)		
400 (204)	1260 (86.8)		
450 (232)	800 (55.1)		

A	Sep.01, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-F6-P13-PS0-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	Silicone Rubber
3	Seat	PFA
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

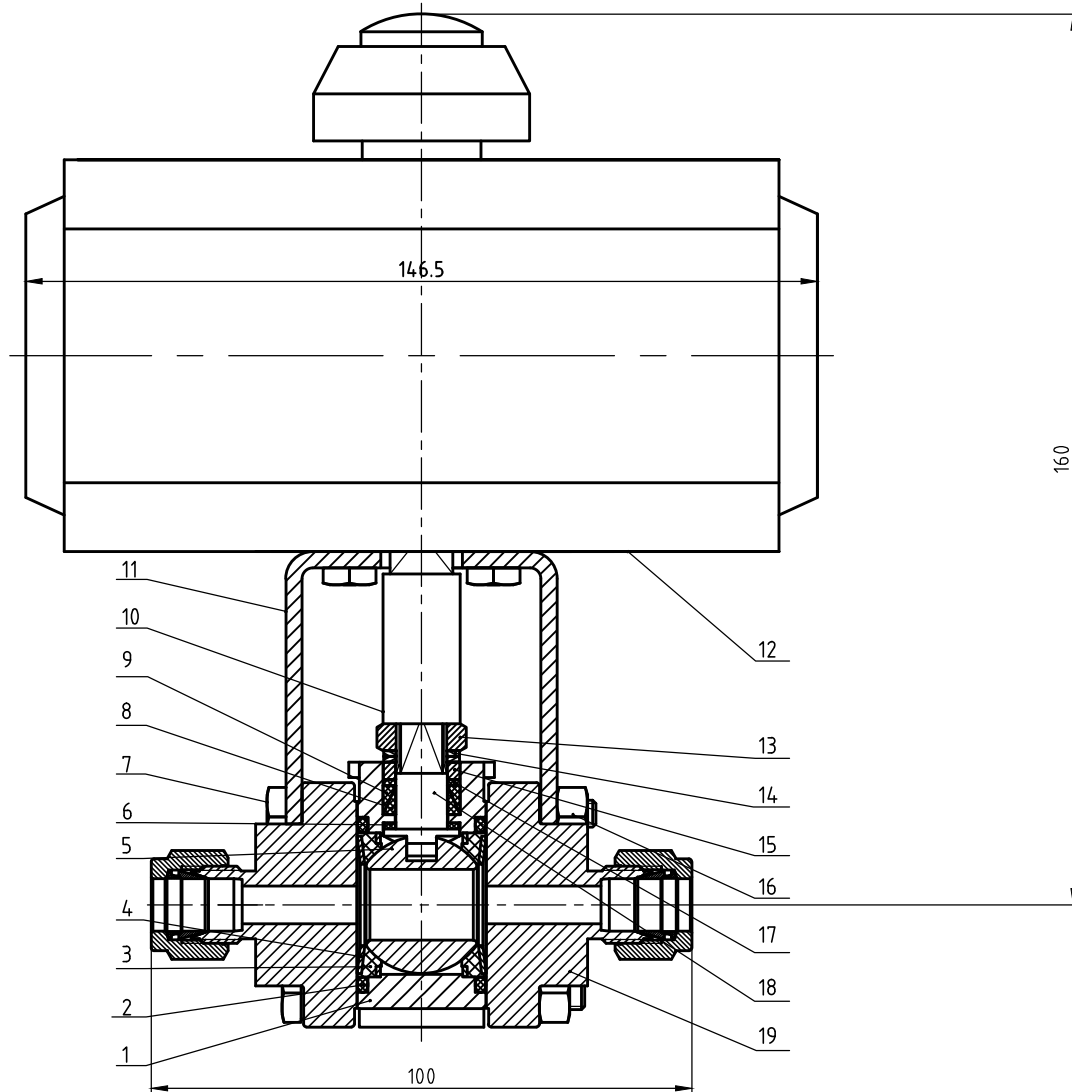
Technical Data:

Orifice Size	13mm
Inlet Size	O.D. ϕ 1/2"
Outlet Size	O.D. ϕ 1/2"

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	1500 (103)		
200 (93)	1500 (103)		
300 (148)	800 (55.1)		
400 (204)	330 (22.7)		
450 (232)	100 (6.8)		

A	Nov.21, 2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-F8-T13-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	FKM
3	Seat	PEEK
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Adaptor	304 S.S.
11	Bracket	304 S.S.
12	Pneumatic Actuators	
13	Nut	304 S.S.
14	Disc Spring	304 S.S.
15	Gland	316 S.S./ASTM A479
16	Nut	304 S.S.
17	Washer	PEEK
18	Stem	316 S.S./ASTM A479
19	Connect	CF8M/ASTM A351

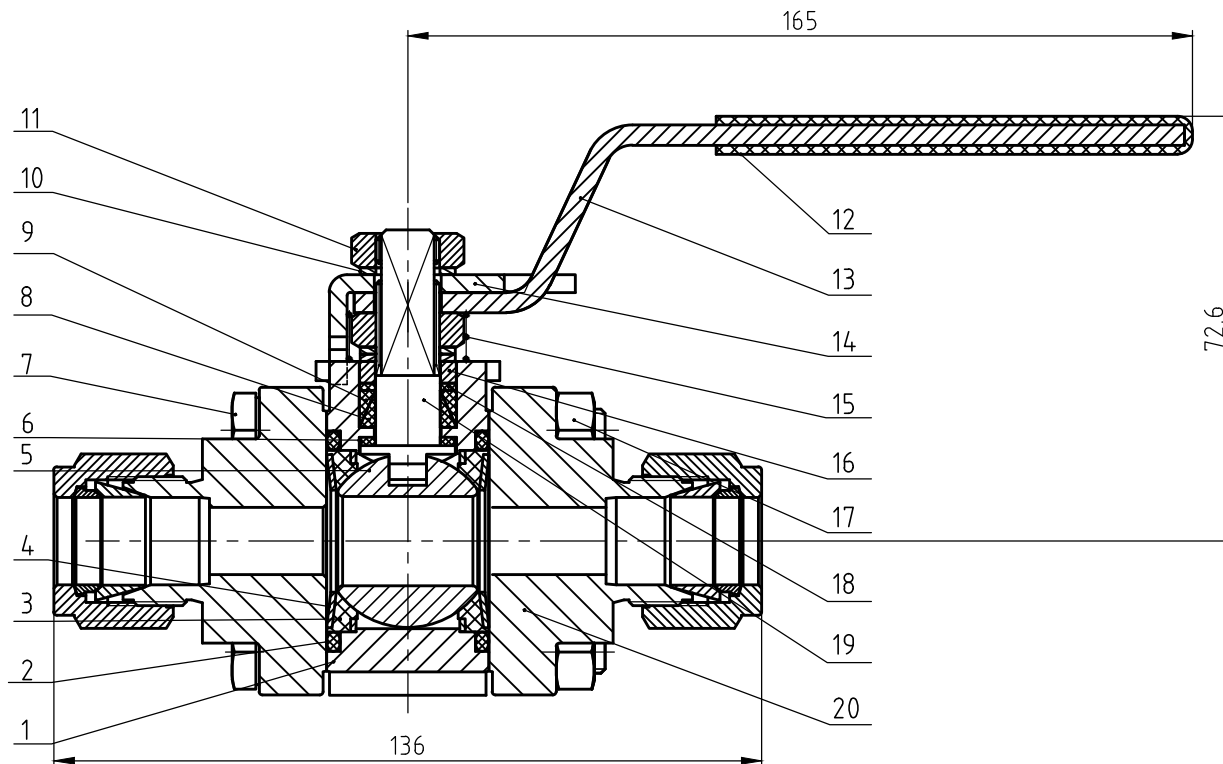
Technical Data:

Orifice Size	13mm
Inlet Size	O.D. $\phi 3/4''$
Outlet Size	O.D. $\phi 3/4''$
Pneumatic Actuator type	Spring Return Normally Open
Drive air pressure	5-8bar

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	3000 (172)		
200 (93)	1870 (128)		
300 (148)	1600 (110)		
400 (204)	1260 (86.8)		
450 (232)	800 (55.1)		

A	Sep.01, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-F12-P13-PS0-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	FKM
3	Seat	PEEK
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

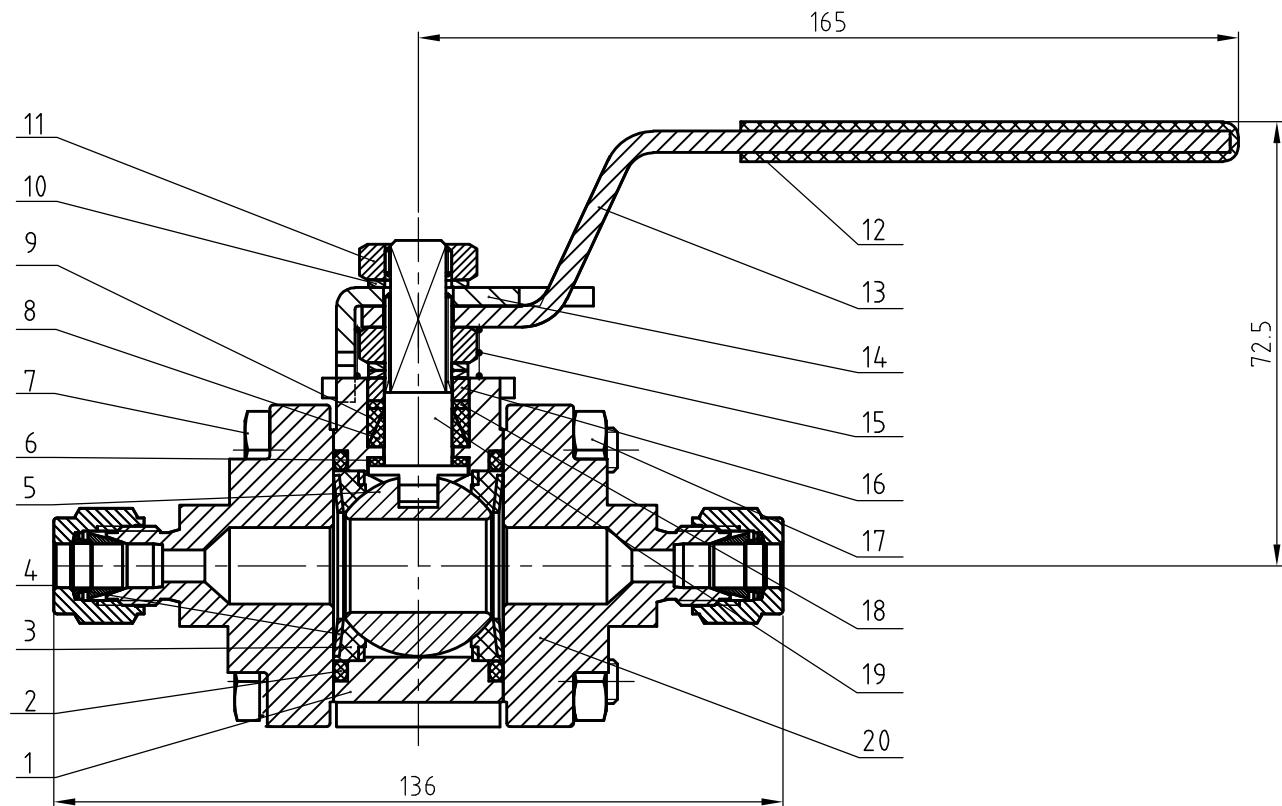
Technical Data:

Orifice Size	22mm
Inlet Size	O.D.Ø1"
Outlet Size	O.D.Ø1"

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	3000 (172)		
200 (93)	1870 (128)		
300 (148)	1600 (110)		
400 (204)	1260 (86.8)		
450 (232)	800 (55.1)		

A	Apr.02. 2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-F16-P22-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	Silicone Rubber
3	Seat	PFA
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

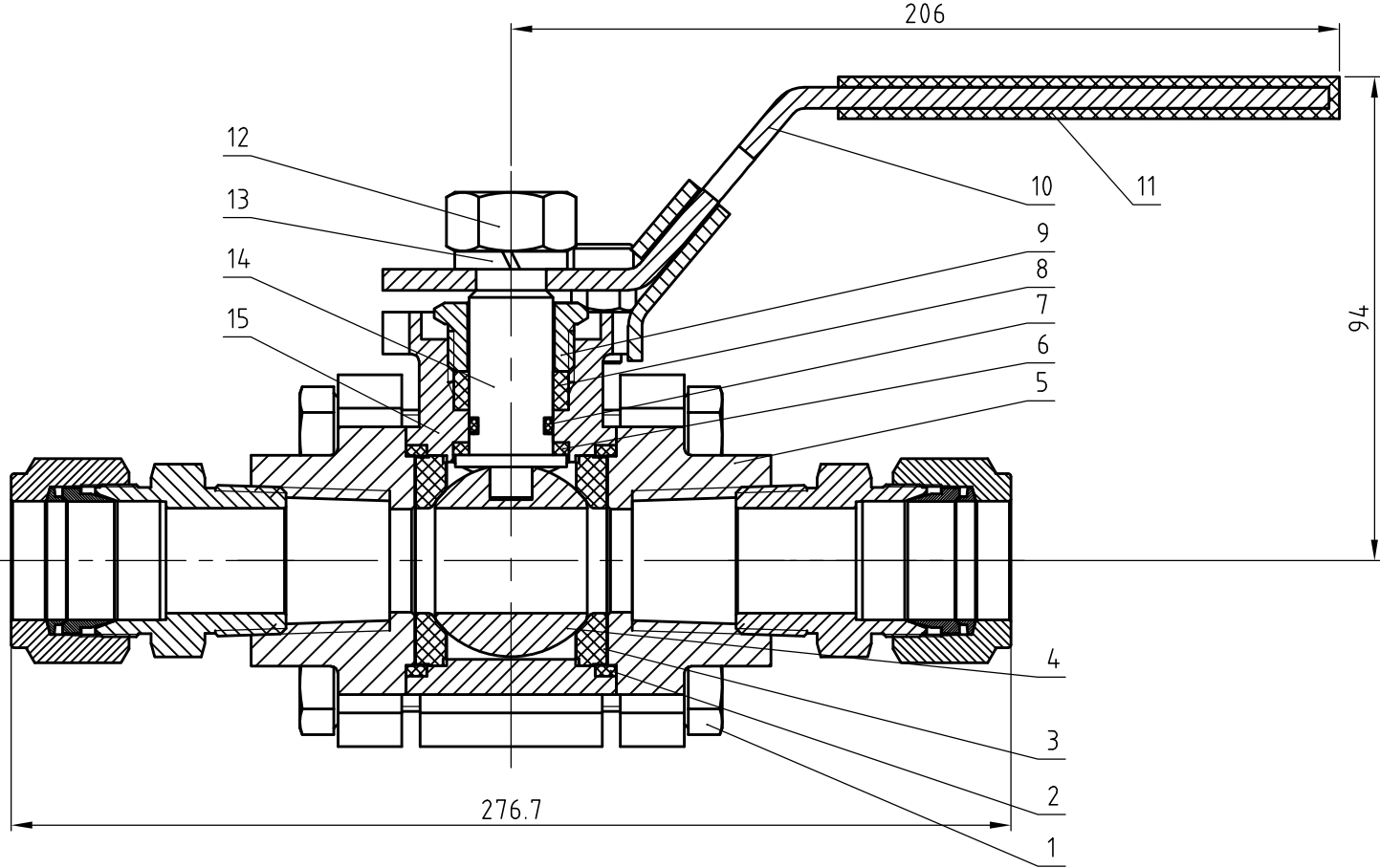
Technical Data:

Orifice Size	22mm
Inlet Size	O.D.Ø1"
Outlet Size	O.D.Ø1"

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	1500 (103)		
200 (93)	1500 (103)		
300 (148)	800 (55.1)		
400 (204)	330 (22.7)		

A	Nov.21, 2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-F16-T22-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Screw Bolt	304.S.S
2	Seal Ring	PTFE/ASTM D1710
3	Seat	PEEK
4	Ball	316.S.S/ASTM A276
5	Connector	CF8M/ASTM A351
6	Bearing	PTFE/ASTM D1710
7	O-ring	FKM
8	Packing	PTFE/ASTM D1710
9	Packing Nut	CF8M/ASTM A351
10	Handle	304.S.S
11	Handle Sleeve	PVC
12	Nut	304.S.S
13	Spring Washer	304.S.S
14	Stem	316.S.S/ASTM A276
15	Packing	CF8M/ASTM A351

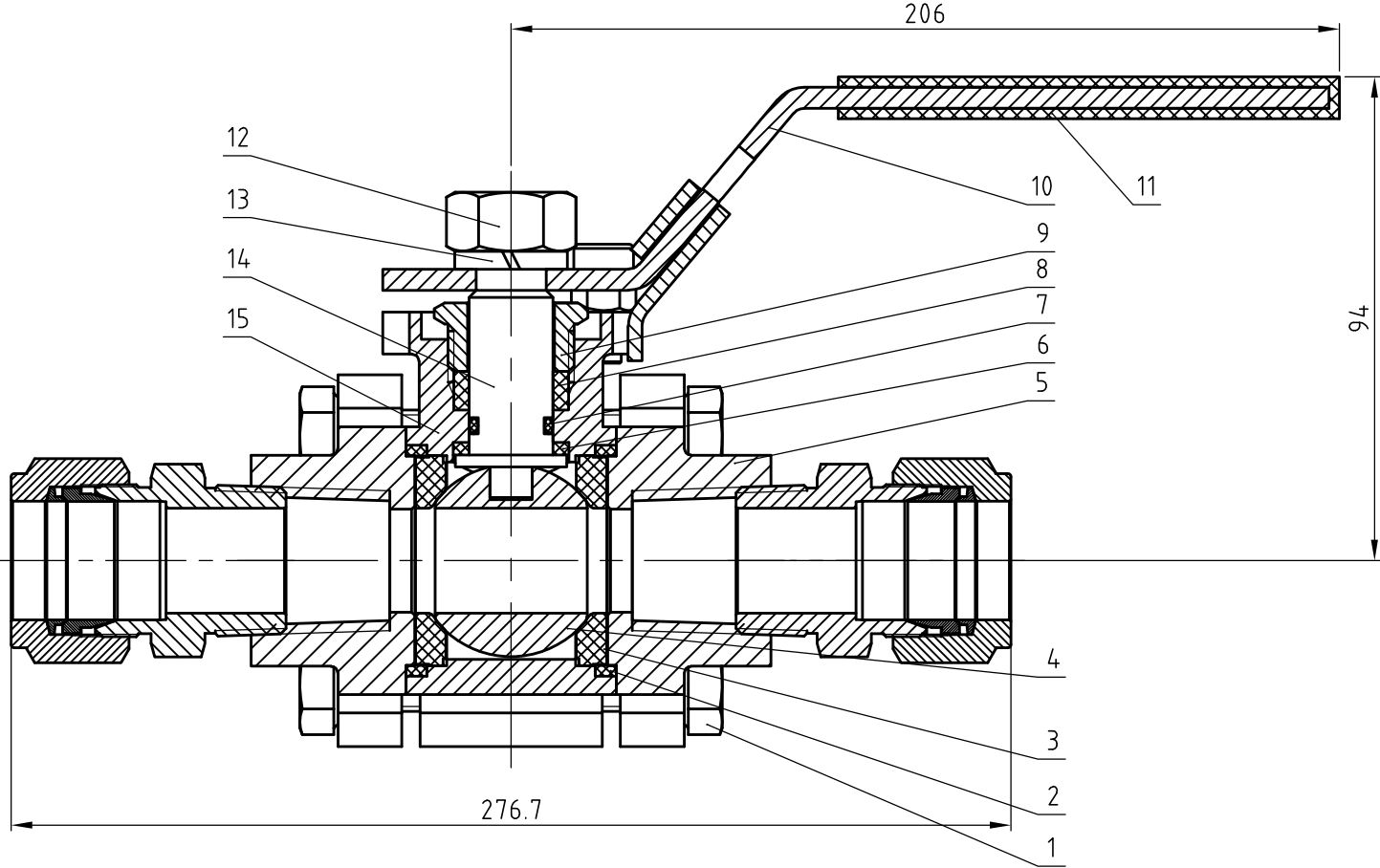
Technical Data:

Orifice Size	38.1mm
Inlet Size	O.D.Ø1 1/2"
Outlet Size	O.D.Ø1 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)	1500 (103)		
200 (93)	930 (64.0)		
300 (148)	780 (53.7)		
400 (204)	590 (40.6)		
450 (232)	500 (34.4)		

A	Jul.09.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-F24-P38-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Screw Bolt	304.S.S
2	Seal Ring	PTFE/ASTM D1710
3	Seat	PFA
4	Ball	316.S.S/ASTM A276
5	Connector	CF8M/ASTM A351
6	Bearing	PTFE/ASTM D1710
7	O-ring	Silicone Rubber
8	Packing	PTFE/ASTM D1710
9	Packing Nut	CF8M/ASTM A351
10	Handle	304.S.S
11	Handle Sleeve	PVC
12	Nut	304.S.S
13	Spring Washer	304.S.S
14	Stem	316.S.S/ASTM A276
15	Packing	CF8M/ASTM A351

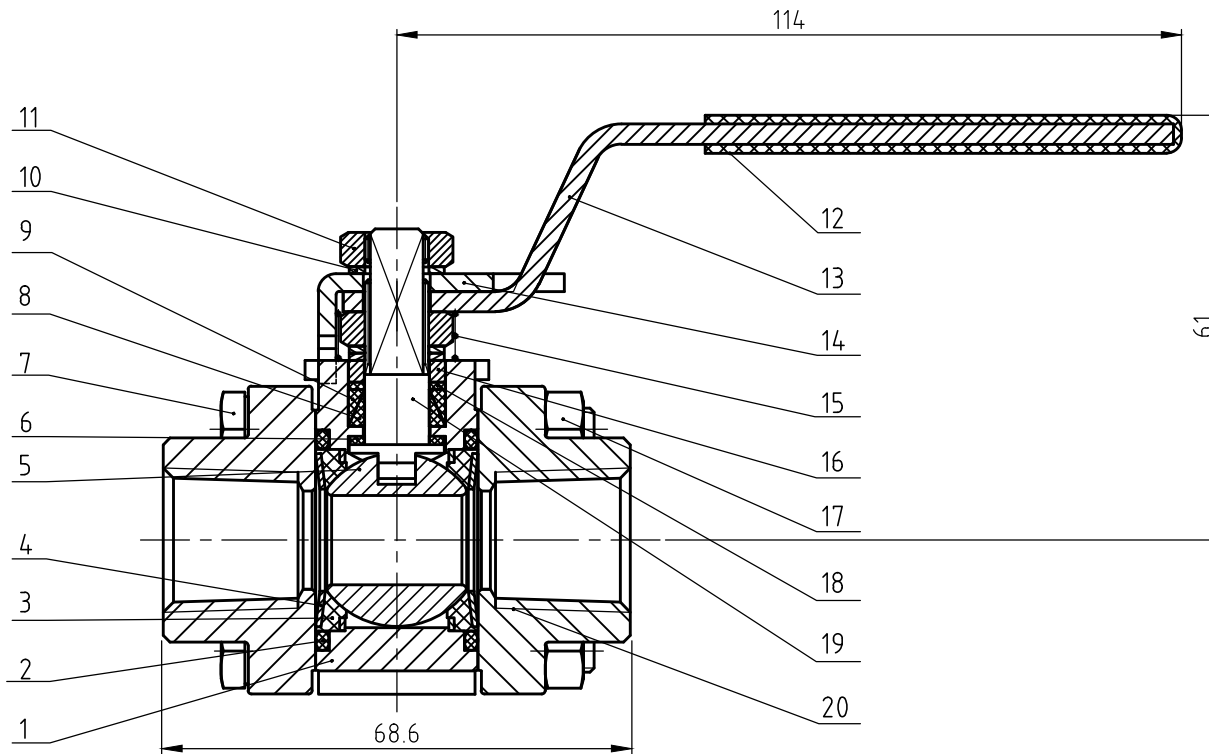
Technical Data:

Orifice Size	38.1mm
Inlet Size	O.D.Ø1 1/2"
Outlet Size	O.D.Ø1 1/2"

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	1500 (103)		
200 (93)	1500 (103)		
300 (148)	800 (55.1)		
400 (204)	330 (22.7)		
450 (232)	100 (6.8)		

A	Jul.16.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-F24-T38-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	FKM
3	Seat	PEEK
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

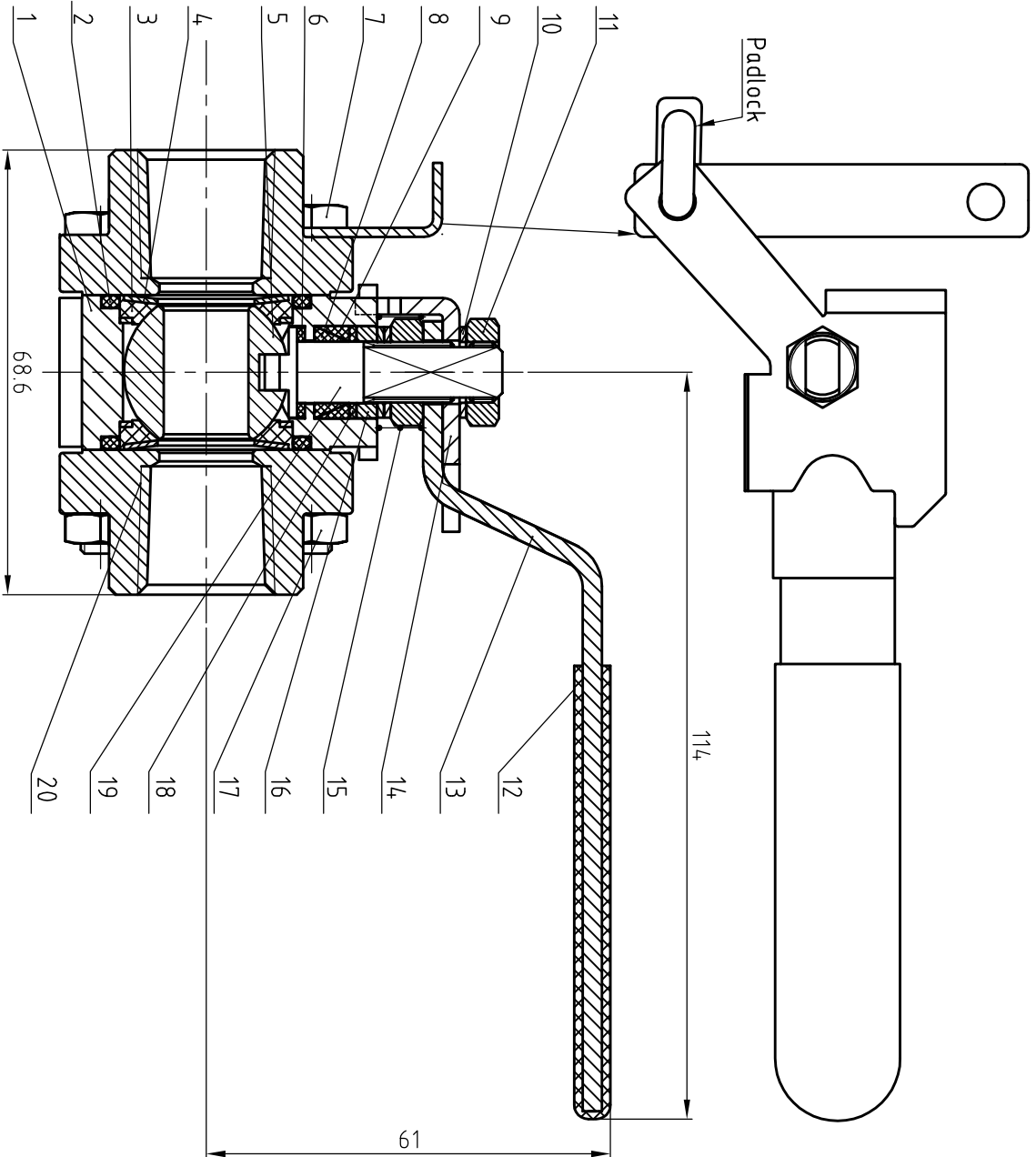
Technical Data:

Orifice Size	13mm
Inlet Size	1/2 NPT(F)
Outlet Size	1/2 NPT(F)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	3000 (172)		
200 (93)	1870 (128)		
300 (148)	1600 (110)		
400 (204)	1260 (86.8)		
450 (232)	800 (55.1)		

A	Jul.18, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-FNPT8-P13-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Technical Data:

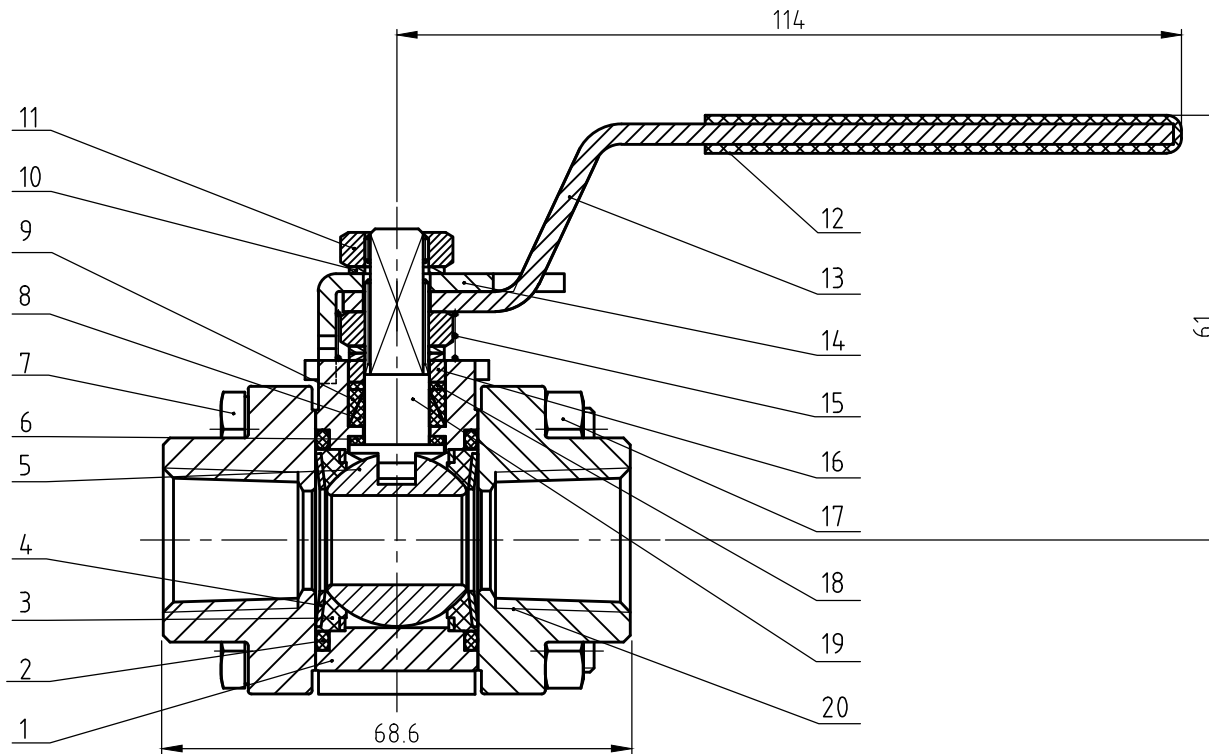
Orifice Size	13.1mm
Inlet Size	1/2 NPT(F)
Outlet Size	1/2 NPT(F)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	3000 (172)		
200 (93)	1870 (128)		
300 (148)	1600 (110)		
400 (204)	1260 (86.8)		
450 (232)	800 (55.1)		

Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	FKM
3	Seat	PEEK
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

A	Apr.12, 2025				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Ball Valves			
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	Silicone Rubber
3	Seat	PFA
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PFA
9	Packing	PFA
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

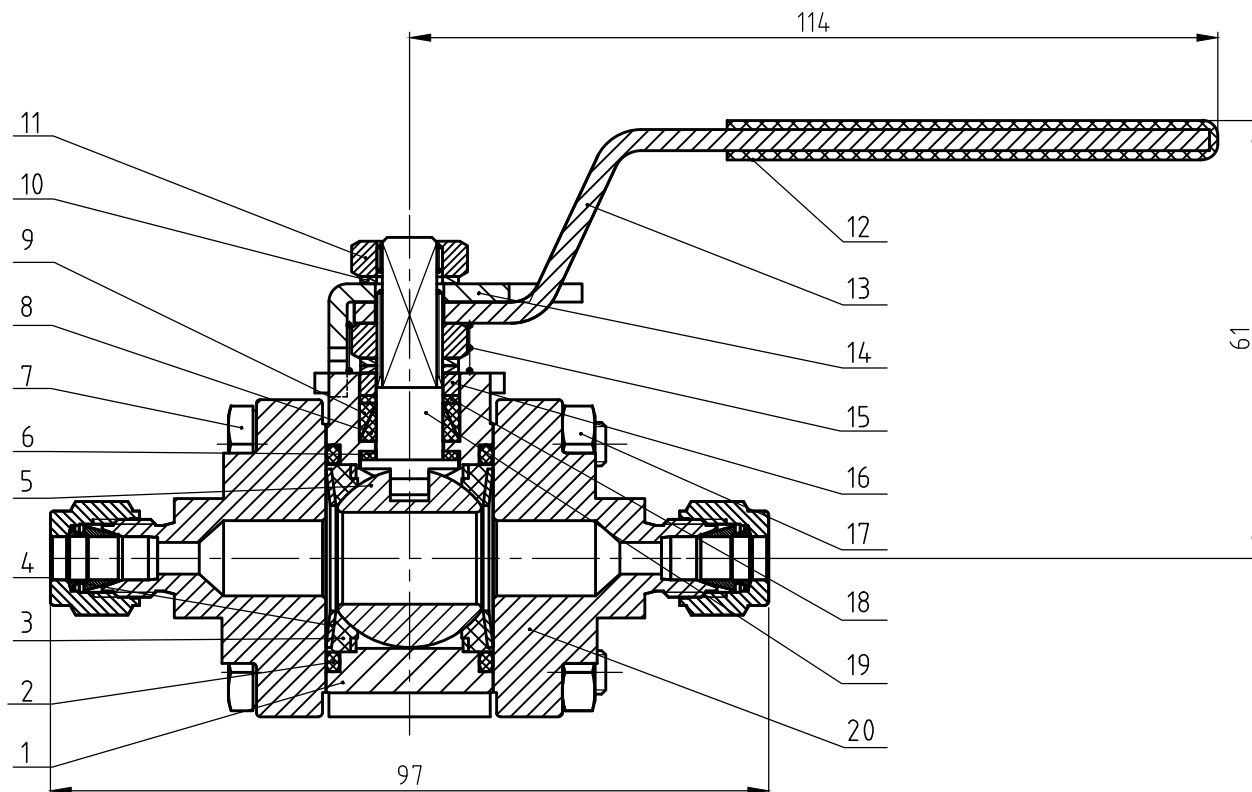
Technical Data:

Orifice Size	13mm
Inlet Size	1/2 NPT(F)
Outlet Size	1/2 NPT(F)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	1500 (103)		
200 (93)	1500 (103)		
300 (148)	800 (55.1)		
400 (204)	330 (22.7)		
450 (232)	100 (6.8)		

A	Jul.25, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-FNPT8-T13-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	Silicon
3	Seat	PFA
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

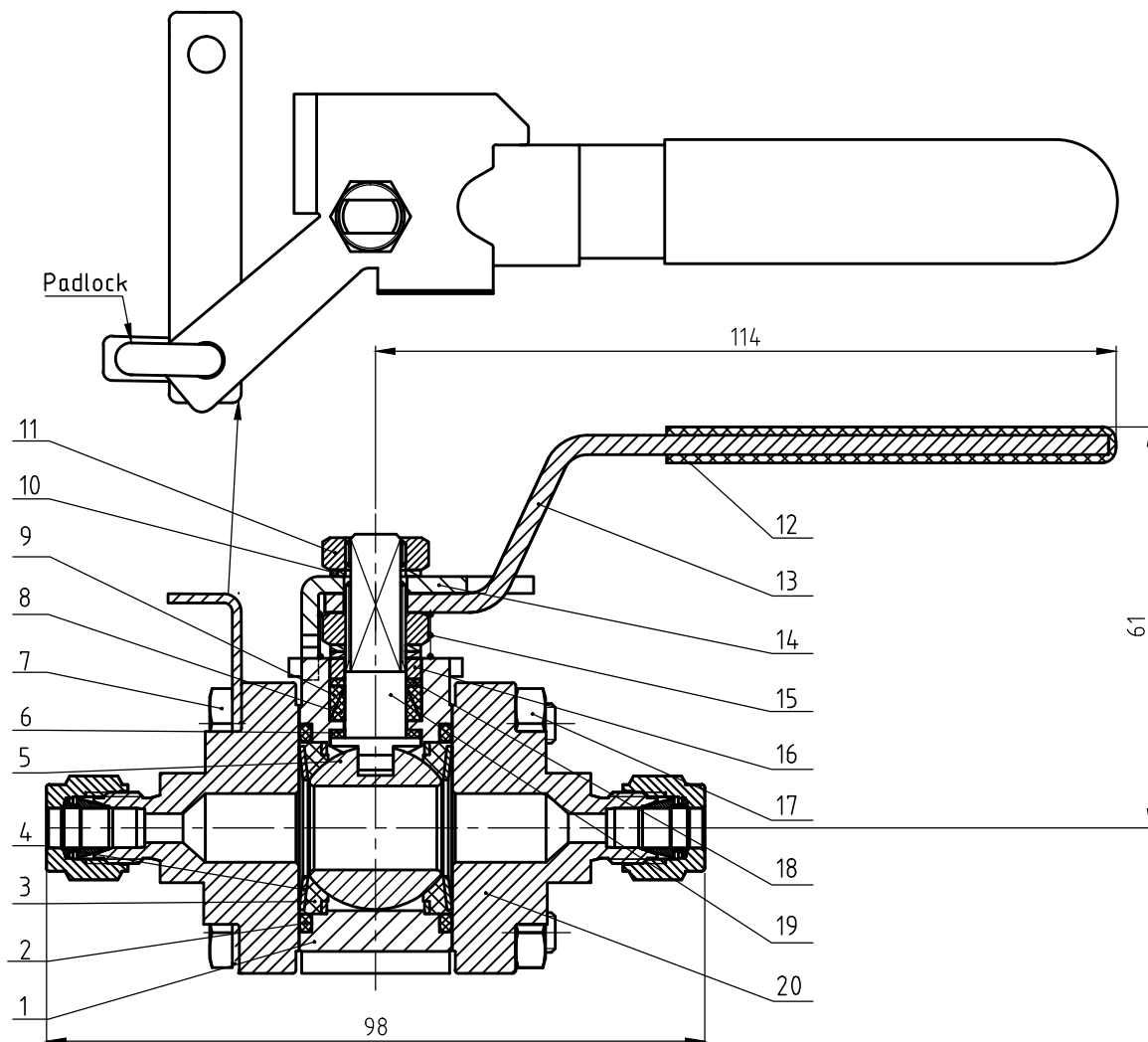
Technical Data:

Orifice Size	13.1mm
Inlet Size	O.D.Ø12
Outlet Size	O.D.Ø12

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 100 (37)	1500 (103)		
200 (93)	1500 (103)		
300 (148)	800 (55.1)		
400 (204)	330 (22.7)		

A	Jun.12, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-M12-T13-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

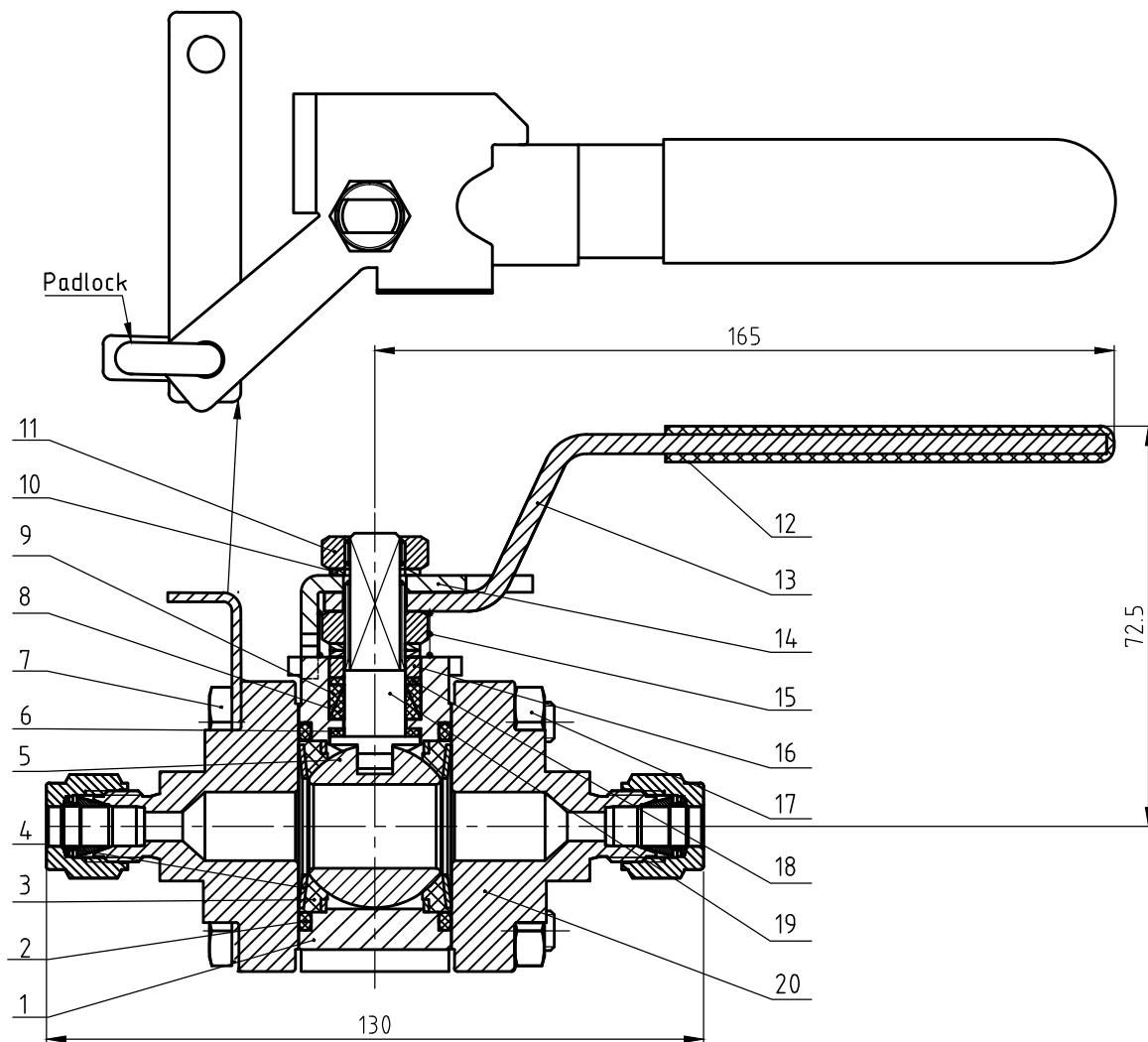


Orifice Size	13.1mm
Inlet Size	O.D.Ø18
Outlet Size	O.D.Ø18

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 100 (37)	1500 (103)		
200 (93)	1500 (103)		
300 (148)	800 (55.1)		
400 (204)	330 (22.7)		

Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	Silicon
3	Seat	PFA
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

A	Jun.16, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-M18-T13-316-LT-LD		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	Silicon
3	Seat	PFA
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

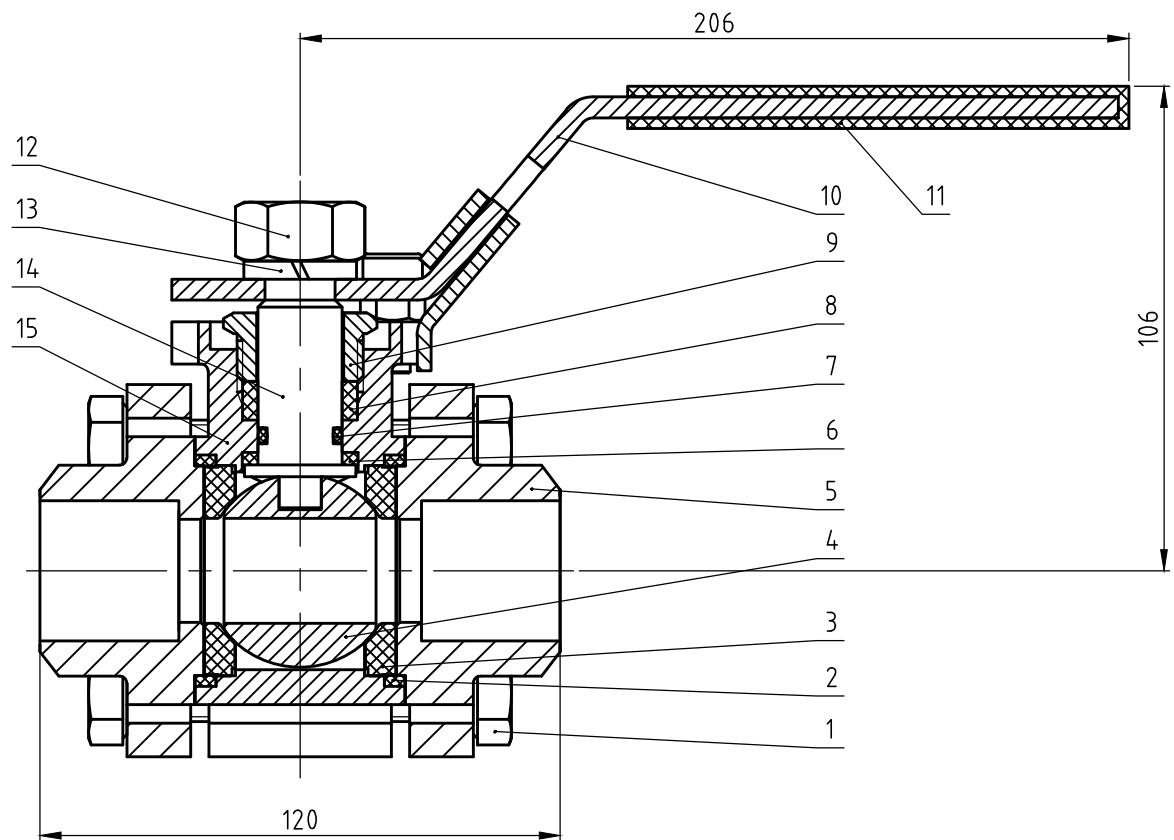
Technical Data:

Orifice Size	22mm
Inlet Size	O.D. ϕ 25
Outlet Size	O.D. ϕ 25

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 100 (37)	1500 (103)		
200 (93)	1500 (103)		
300 (148)	800 (55.1)		
400 (204)	330 (22.7)		

A	Jun.16, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-M25-T22-316-LT-LD		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Screw Bolt	304 S.S.
2	Seal Ring	PTFE/ASTM D1710
3	Seat	PEEK
4	Ball	316 S.S./ASTM A276
5	Connector	CF8M/ASTM A351
6	Bearing	PTFE/ASTM D1710
7	O-ring	FKM
8	Packing	PTFE/ASTM D1710
9	Packing Nut	CF8M/ASTM A351
10	Handle	304 S.S.
11	Handle Sleeve	PVC
12	Nut	304 S.S.
13	Spring Washer	304 S.S.
14	Stem	316 S.S./ASTM A276
15	Packing	CF8M/ASTM A351

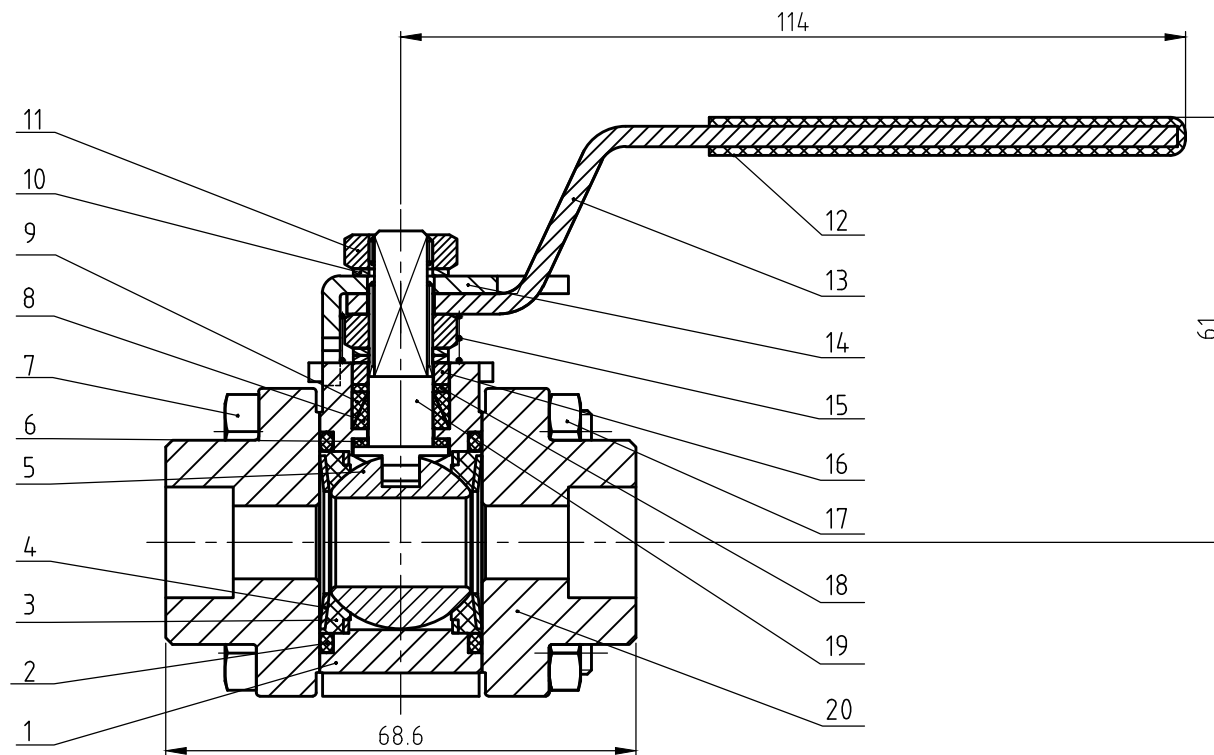
Technical Data:

Orifice Size	38mm
Inlet Size	1 1/2X40S Pipe Butt Weld
Outlet Size	1 1/2X40S Pipe Butt Weld

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	1500 (103)		
200 (93)	930 (64.0)		
300 (148)	780 (53.7)		
400 (204)	330 (22.7)		
450 (232)	100 (6.8)		

A	May.30, 2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valve		
		Model	BV6-PBW24X40S-P38-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	FKM
3	Seat	PEEK
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

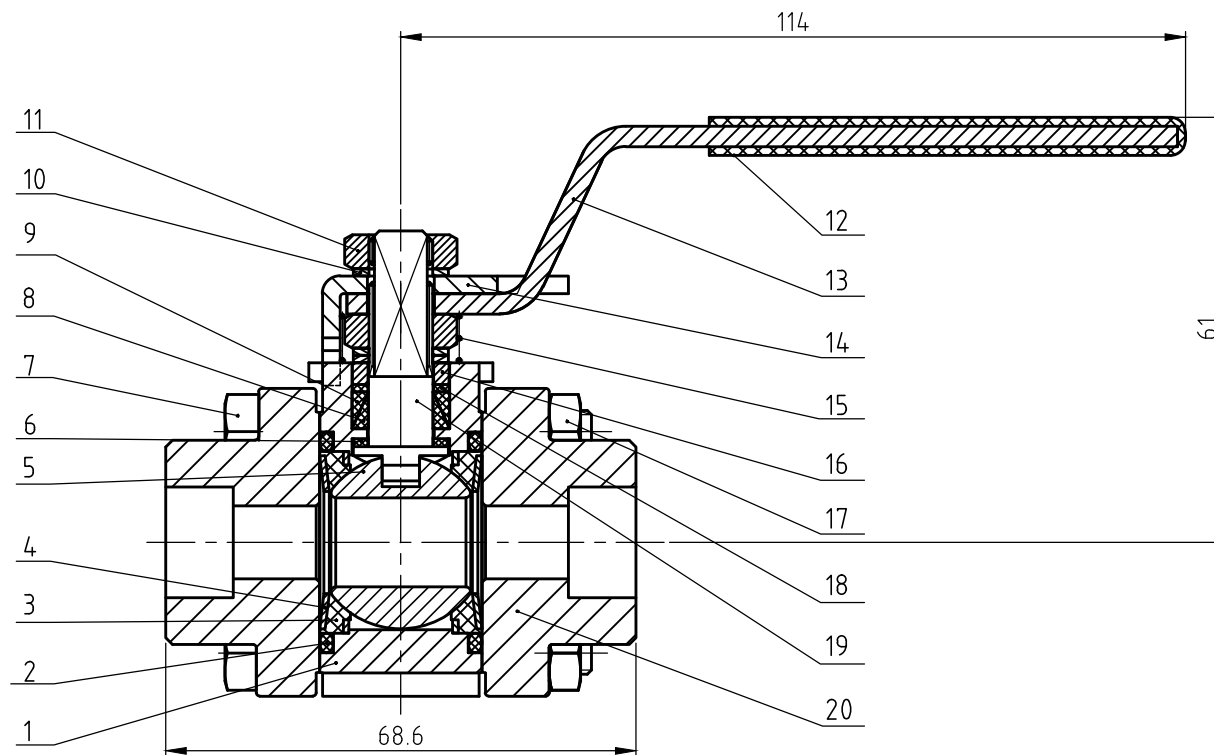
Technical Data:

Orifice Size	13mm
Inlet Size	1/2 Pipe Socket Weld
Outlet Size	1/2 Pipe Socket Weld

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	3000 (172)		
200 (93)	1870 (128)		
300 (148)	1600 (110)		
400 (204)	1260 (86.8)		
450 (232)	800 (55.1)		

A	Jul.18, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-PSW8-P13-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	Silicone Rubber
3	Seat	PFA
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PFA
9	Packing	PFA
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

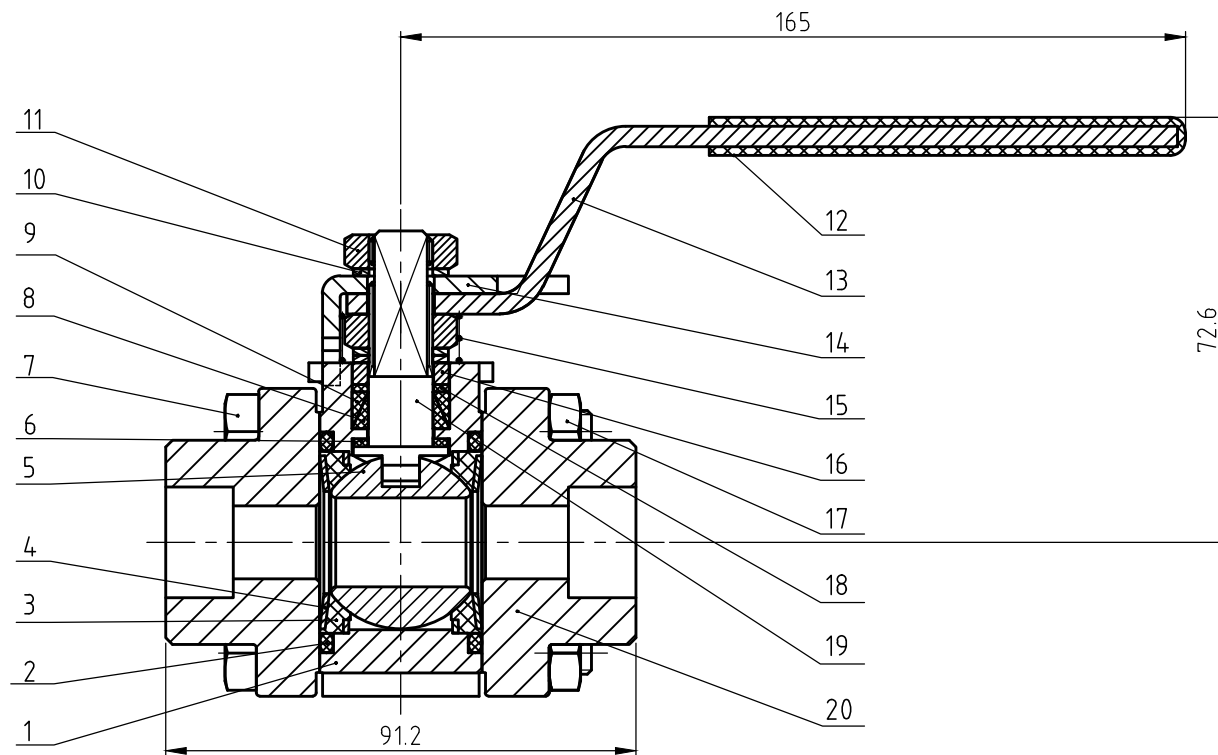
Technical Data:

Orifice Size	13mm
Inlet Size	1/2 Pipe Socket Weld
Outlet Size	1/2 Pipe Socket Weld

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	1500 (103)		
200 (93)	1500 (103)		
300 (148)	800 (55.1)		
400 (204)	330 (22.7)		
450 (232)	100 (6.8)		

A	Jul.25, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-PSW8-T13-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	FKM
3	Seat	PEEK
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

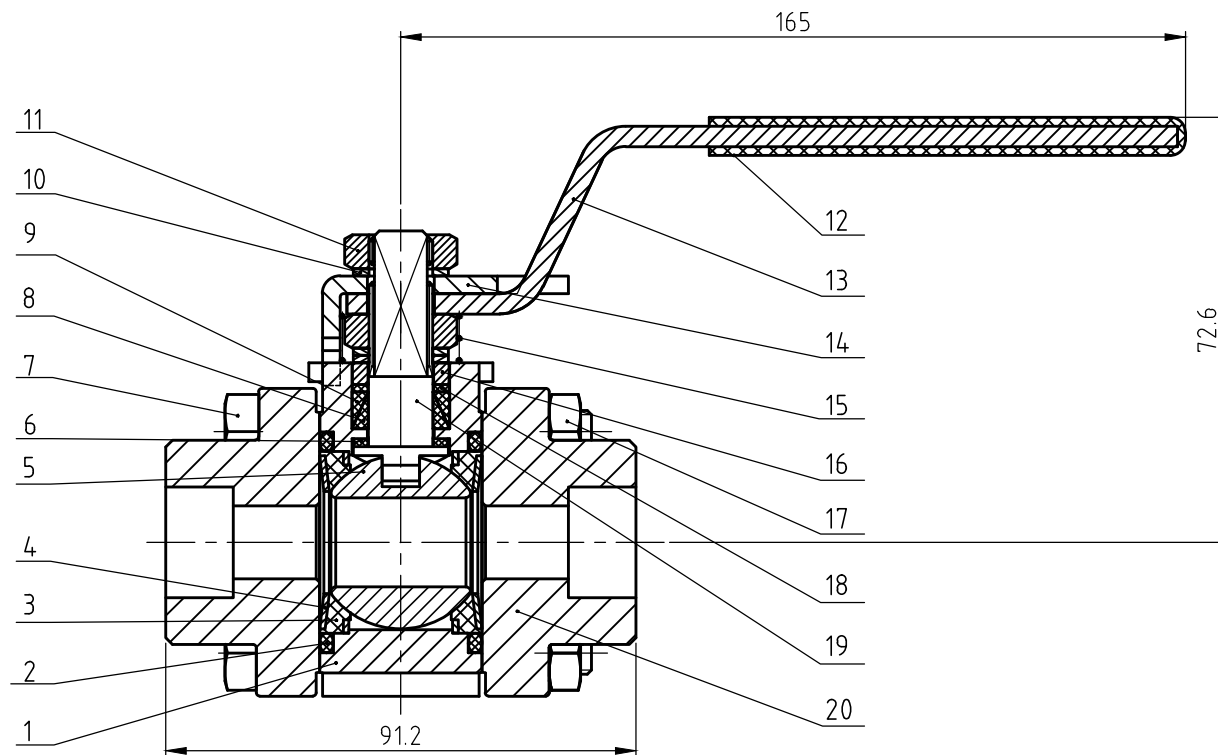
Technical Data:

Orifice Size	22mm
Inlet Size	3/4 Pipe Socket Weld
Outlet Size	3/4 Pipe Socket Weld

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	2500 (172)		
200 (93)	1560 (107)		
300 (148)	1310 (90.2)		
400 (204)	970 (66.8)		
450 (232)	800 (55.1)		

A	Jul.18, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-PSW12-P22-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	Silicone Rubber
3	Seat	PFA
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PFA
9	Packing	PFA
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

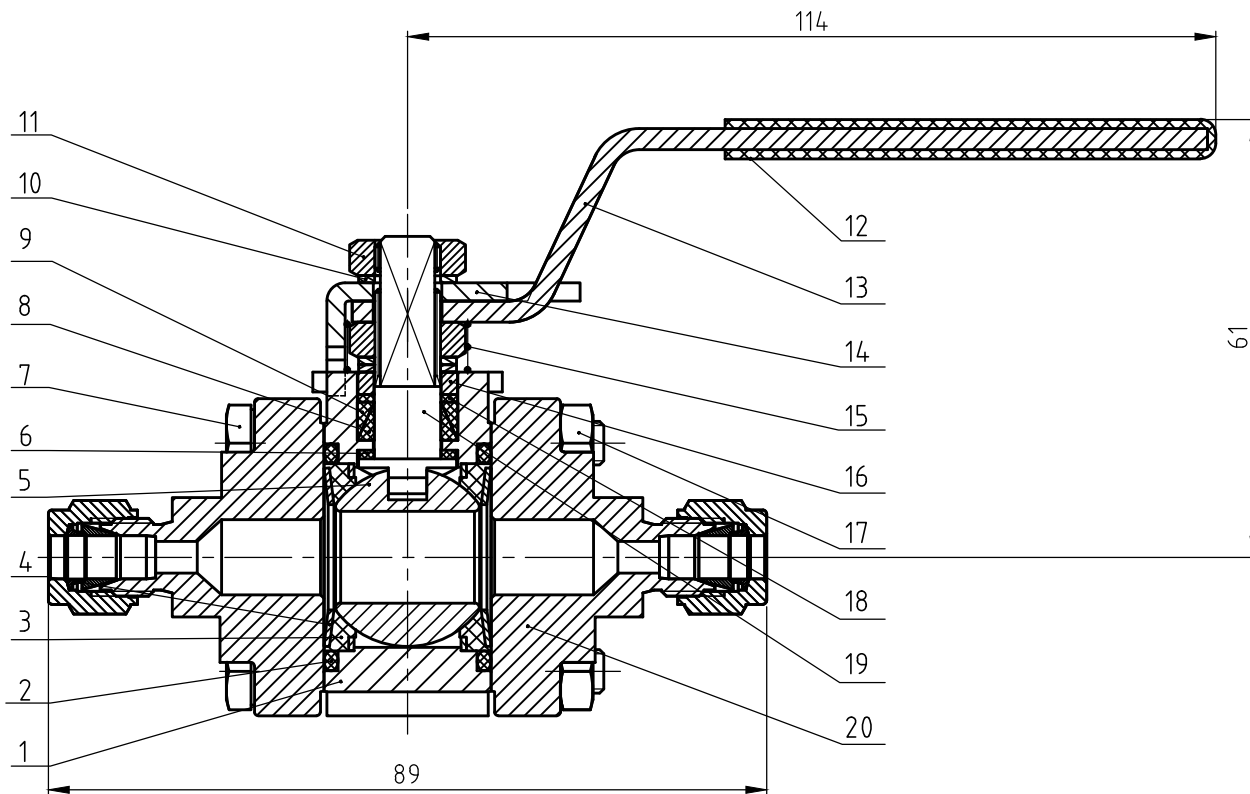
Technical Data:

Orifice Size	22mm
Inlet Size	3/4 Pipe Socket Weld
Outlet Size	3/4 Pipe Socket Weld

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	1500 (103)		
200 (93)	1500 (103)		
300 (148)	800 (55.1)		
400 (204)	330 (22.7)		
450 (232)	100 (6.8)		

A	Jul.25, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-PSW12-T22-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	Silicon
3	Seat	PFA
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

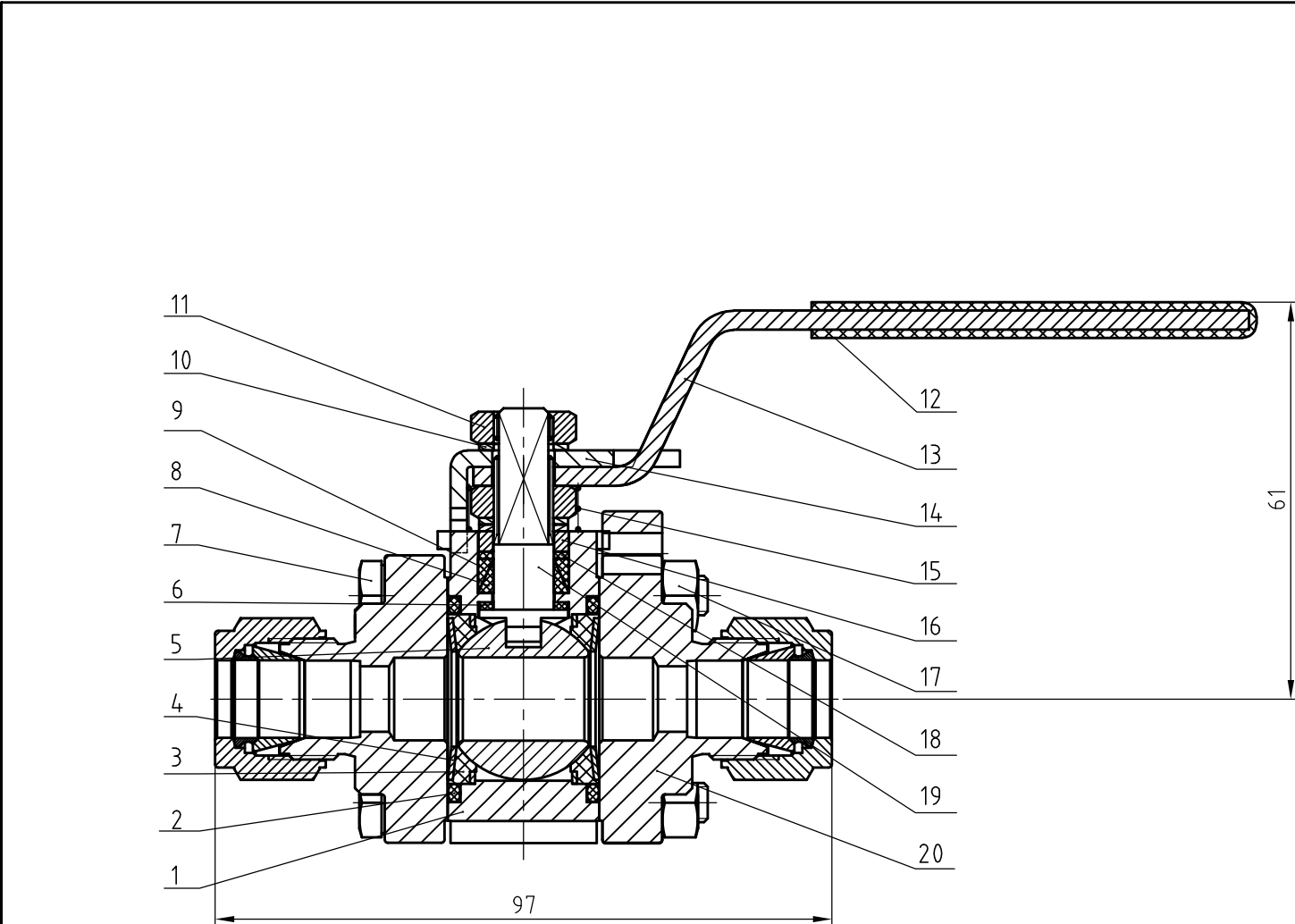
Technical Data:

Orifice Size	13.1mm
Inlet Size	O.D.Ø6
Outlet Size	O.D.Ø6

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 100 (37)	1500 (103)		
200 (93)	1500 (103)		
300 (148)	800 (55.1)		
400 (204)	330 (22.7)		

A	Jun.12, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-M6-T13-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	FKM
3	Seat	PEEK
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Spring	316 S.S.
11	Nut	304 S.S.
12	Handle Sleeve	PVC
13	Handle	304 S.S.
14	Lock plate	304 S.S.
15	Spring	304 S.S.
16	Gland	316 S.S./ASTM A479
17	Nut	304 S.S.
18	Washer	PEEK
19	Stem	316 S.S./ASTM A479
20	Connect	CF8M/ASTM A351

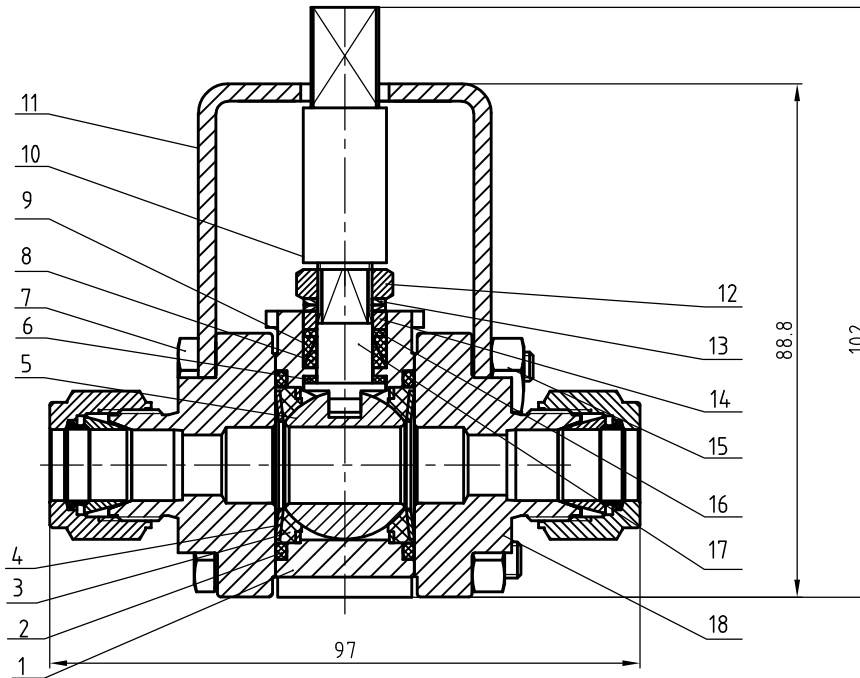
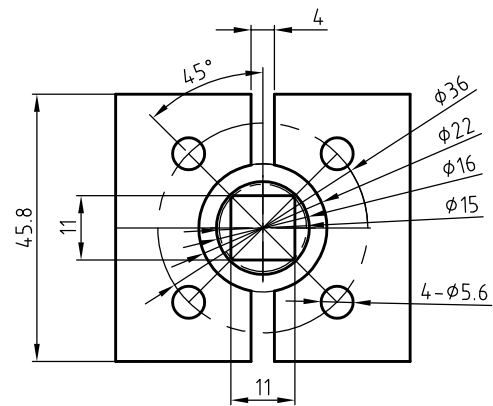
Technical Data:

Orifice Size	13mm
Inlet Size	O.D.Ø12
Outlet Size	O.D.Ø12

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	3000 (172)		
200 (93)	1870 (128)		
300 (148)	1600 (110)		
400 (204)	1260 (86.8)		
450 (232)	800 (55.1)		

A	Oct.15. 2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-M12-P13-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	CF8M/ASTM A351
2	O-ring	FKM
3	Seat	PEEK
4	Spring	316 S.S.
5	Ball	316 S.S./ASTM A479
6	Bearing	PEEK
7	Bolt	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Packing	PTFE/ASTM D1710
10	Adaptor	304 S.S.
11	Bracket	304 S.S.
12	Nut	304 S.S.
13	Disc Spring	304 S.S.
14	Gland	316 S.S./ASTM A479
15	Nut	304 S.S.
16	Washer	PEEK
17	Stem	316 S.S./ASTM A479
18	Connect	CF8M/ASTM A351

Technical Data:

Orifice Size	13mm
Inlet Size	O.D.φ12
Outlet Size	O.D.φ12

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-20 (-28) to 100 (37)	3000 (172)		
200 (93)	1870 (128)		
300 (148)	1600 (110)		
400 (204)	1260 (86.8)		
450 (232)	800 (55.1)		

A	Nov.08, 2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Ball Valves		
		Model	BV6-M12-P13-316-GL701		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		