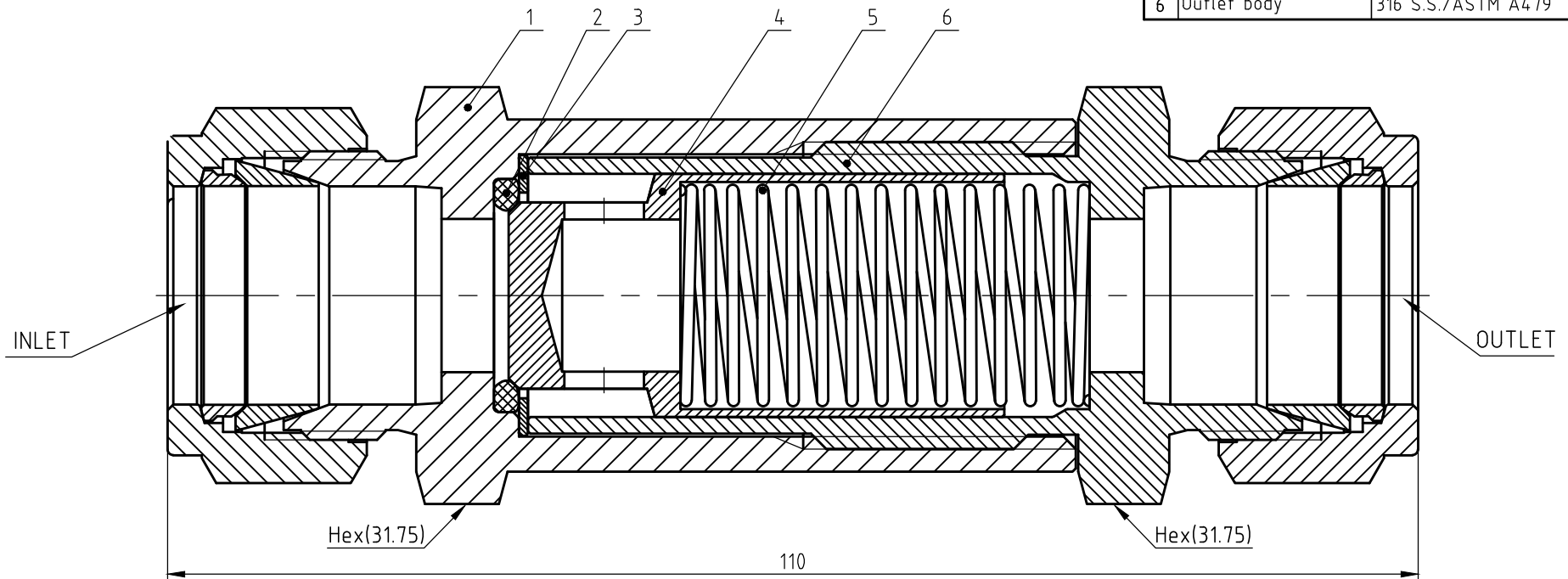


Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	FKM
3	Inlet gasket	PTFE-coated 316 S.S./A240
4	Poppet	316 S.S./ASTM A479
5	Spring	304 S.S./ASTM A313
6	Outlet body	316 S.S./ASTM A479



Technical Data:

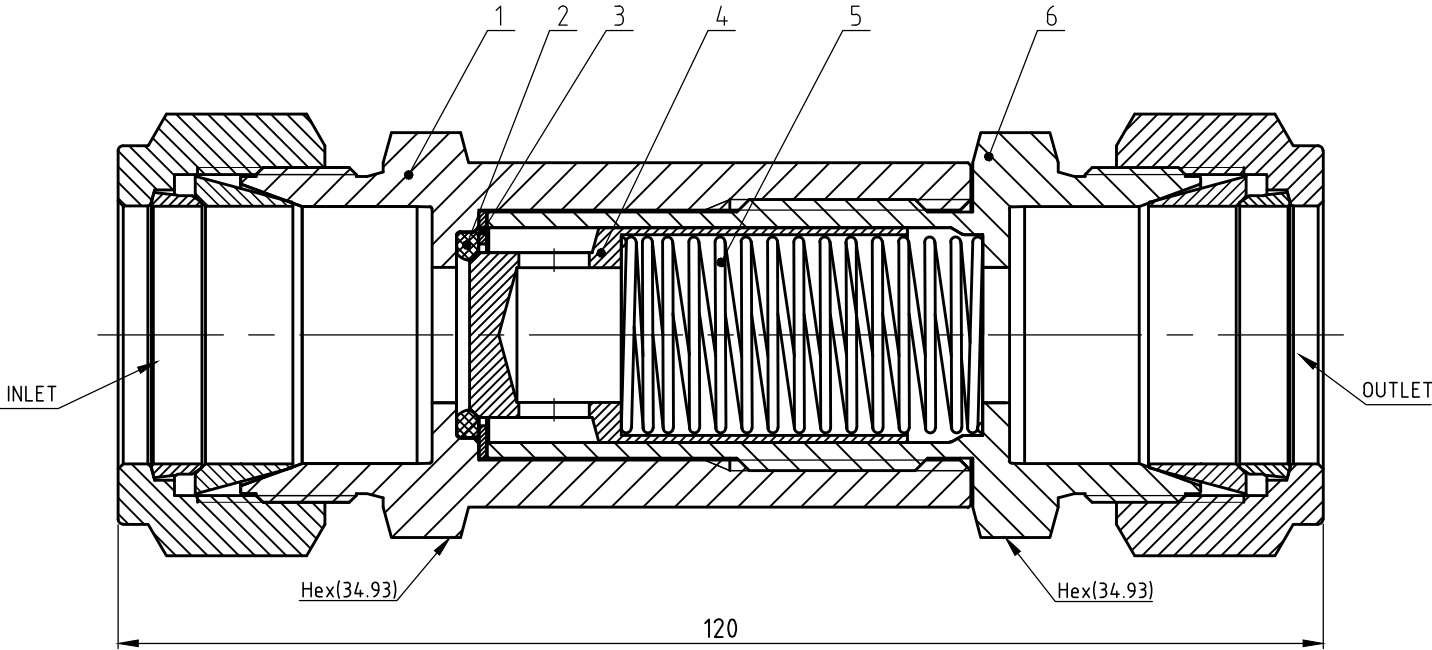
Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	O.D. $\phi 3/4''$
Outlet Size	O.D. $\phi 3/4''$
Cv	4.48

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (177)		
250 (121)	2450 (168)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Apr.02.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-F12-V-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	FKM
3	Inlet gasket	PTFE-coated 316 S.S./A240
4	Poppet	316 S.S./ASTM A479
5	Spring	304 S.S./ASTM A313
6	Outlet body	316 S.S./ASTM A479



Technical Data:

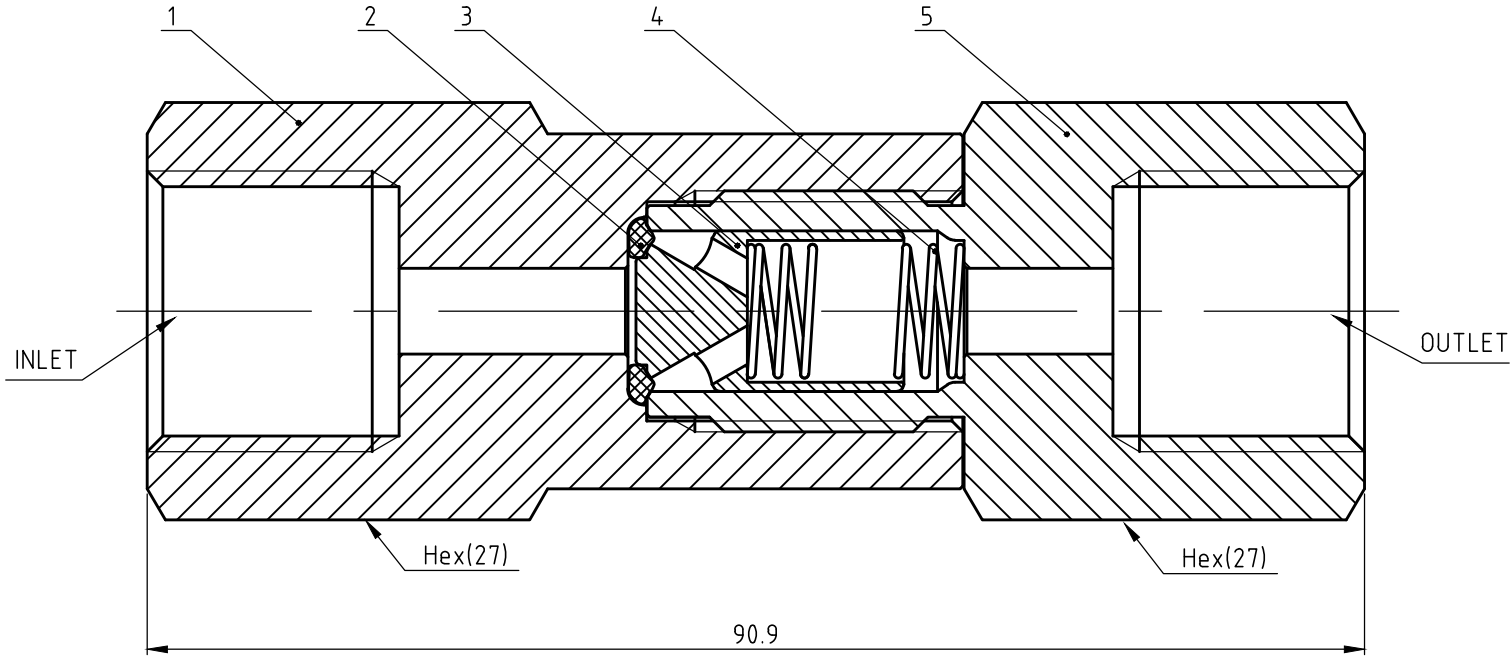
Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	O.D. $\phi 1''$
Outlet Size	O.D. $\phi 1''$
Cv	4.48

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (177)		
250 (121)	2450 (168)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Apr.02.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-F16-V-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	FVMQ
3	Poppet	316 S.S./ASTM A479
4	Spring	304 S.S./ASTM A313
5	Outlet body	316 S.S./ASTM A479



Technical Data:

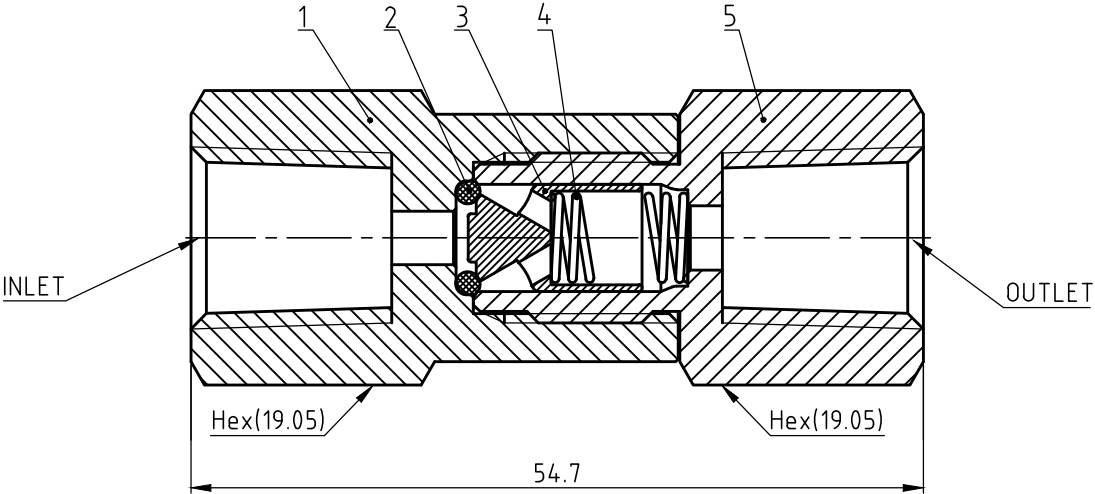
Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	G1/2 (F)
Outlet Size	G1/2 (F)
Cv	1.68

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 100 (37)	3000 (206)		
200 (93)	2575 (177)		
250 (121)	2450 (168)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Feb.29.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-FBP8-S-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	FVMQ
3	Poppet	316 S.S./ASTM A479
4	Spring	304 S.S./ASTM A313
5	Outlet body	316 S.S./ASTM A479



Technical Data:

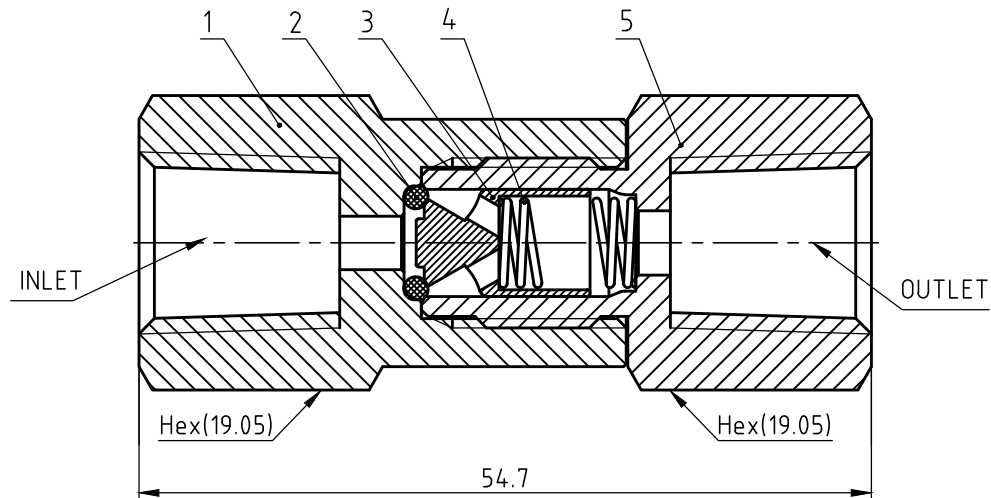
Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	1/4 NPT(F)
Outlet Size	1/4 NPT(F)
Cv	0.47

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 400 (204)	3000 (206)		

A	Dec.06.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-FNPT4-S-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	FKM
3	Poppet	316 S.S./ASTM A479
4	Spring	304 S.S./ASTM A313
5	Outlet body	316 S.S./ASTM A479



Technical Data:

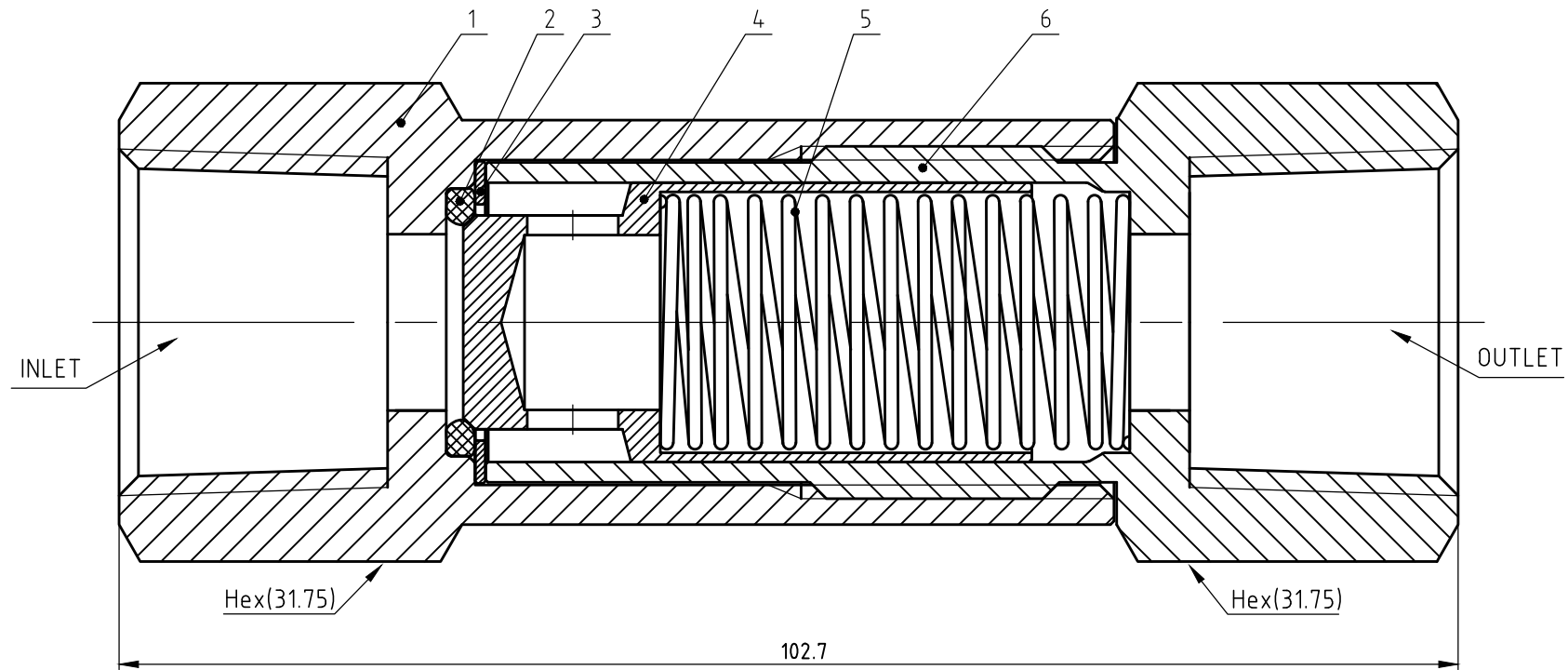
Cracking Pressure Range psig (bar)	7 to 15 (0.49 to 1.1)
Resealing Pressure Range psig (bar)	3 (0.21) or more inlet pressure
Inlet Size	O.D. 1/4 NPT(F)
Outlet Size	O.D. 1/4 NPT(F)
Cv	0.47

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (177)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Nov.13.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-FNPT4-V-10-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316.S.S/ASTM A479
2	O-Ring	FKM
3	Inlet gasket	PTFE-coated 316 SS/A240
4	Poppet	316.S.S/ASTM A479
5	Spring	304.S.S/ASTM A313
6	Outlet body	316.S.S/ASTM A479



Technical Data:

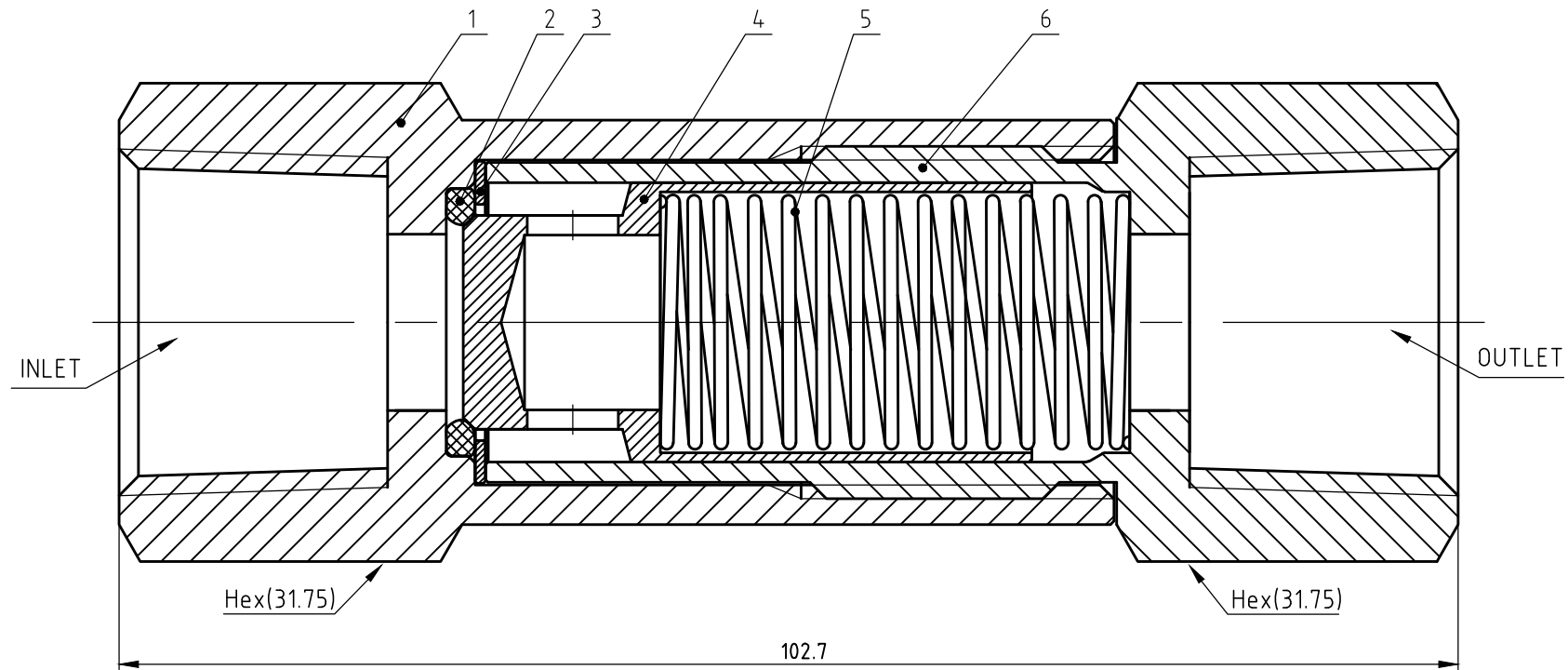
Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 5 (0.35) downstream pressure
Inlet Size	3/4 NPT(F)
Outlet Size	3/4 NPT(F)
Cv	4.48

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (117)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	May.17.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-FNPT12-V-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316.S.S/ASTM A479
2	O-Ring	FKM
3	Inlet gasket	PTFE-coated 316 SS/A240
4	Poppet	316.S.S/ASTM A479
5	Spring	304.S.S/ASTM A313
6	Outlet body	316.S.S/ASTM A479



Technical Data:

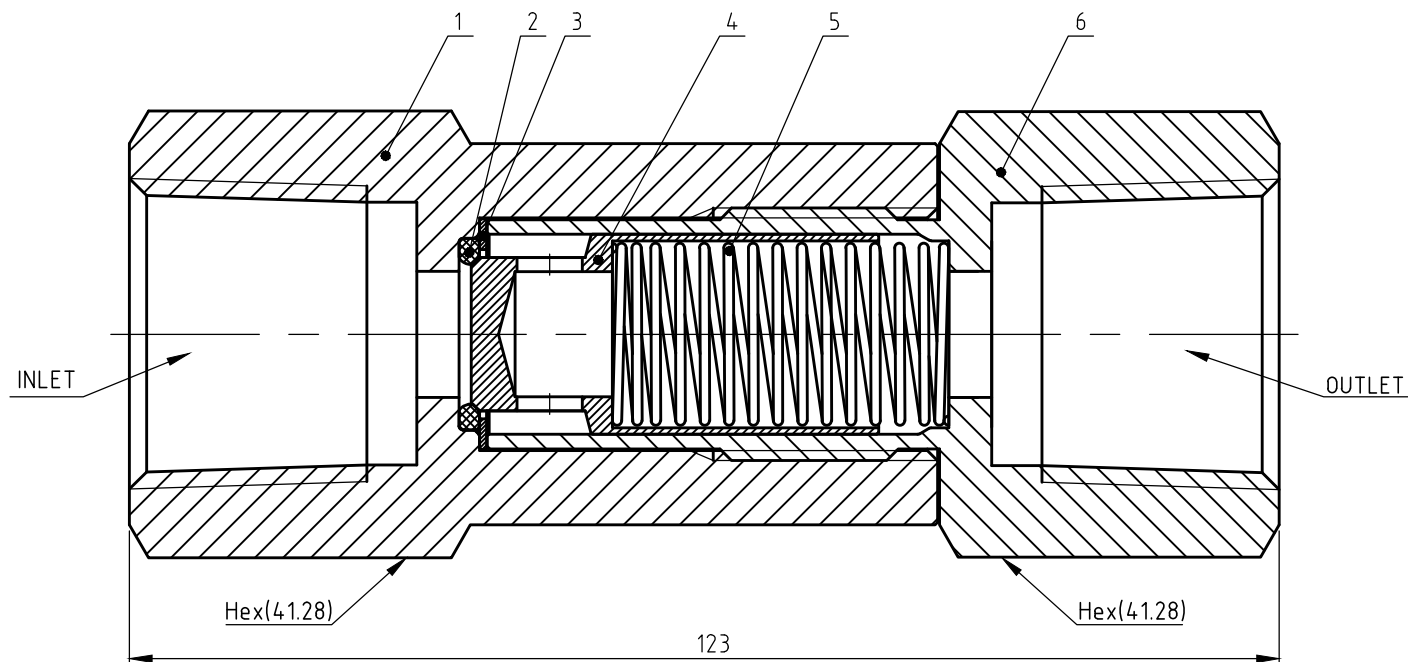
Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 5 (0.35) downstream pressure
Inlet Size	3/4 NPT(F)
Outlet Size	3/4 NPT(F)
Cv	4.48

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (117)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	May.17.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-FNPT12-V-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316.S.S/ASTM A479
2	O-Ring	FKM
3	Inlet gasket	PTFE-coated 316 SS/A240
4	Poppet	316.S.S/ASTM A479
5	Spring	304.S.S/ASTM A313
6	Outlet body	316.S.S/ASTM A479



Technical Data:

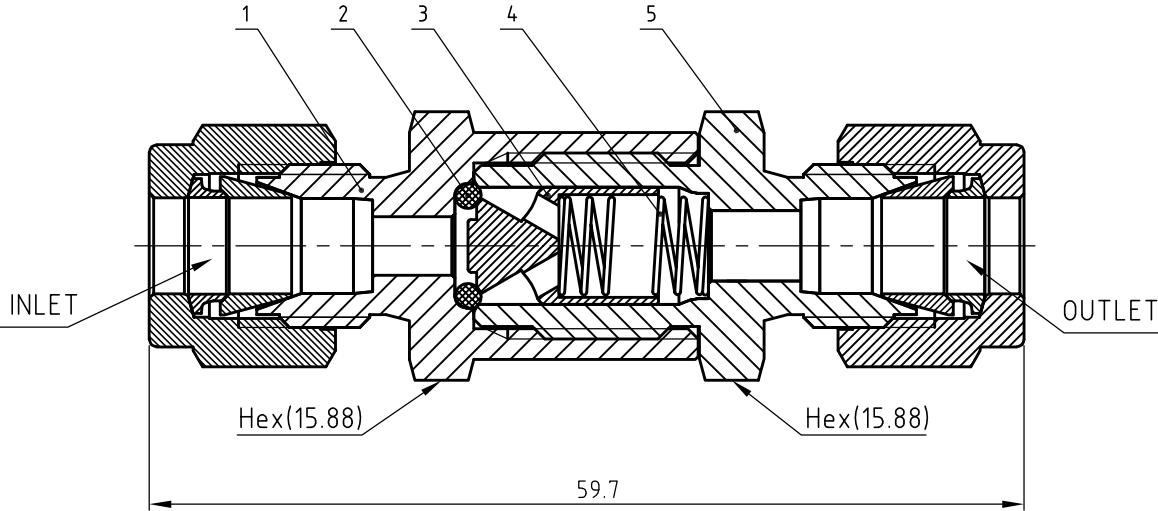
Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 5 (0.35) downstream pressure
Inlet Size	1 NPT(F)
Outlet Size	1 NPT(F)
Cv	4.48

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (117)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	May.17.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-FNPT16-V-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316.S.S/ASTM A479
2	O-Ring	FVMQ
3	Poppet	316.S.S/ASTM A479
4	Spring	304.S.S/ASTM A313
5	Outlet body	316.S.S/ASTM A479



Technical Data:

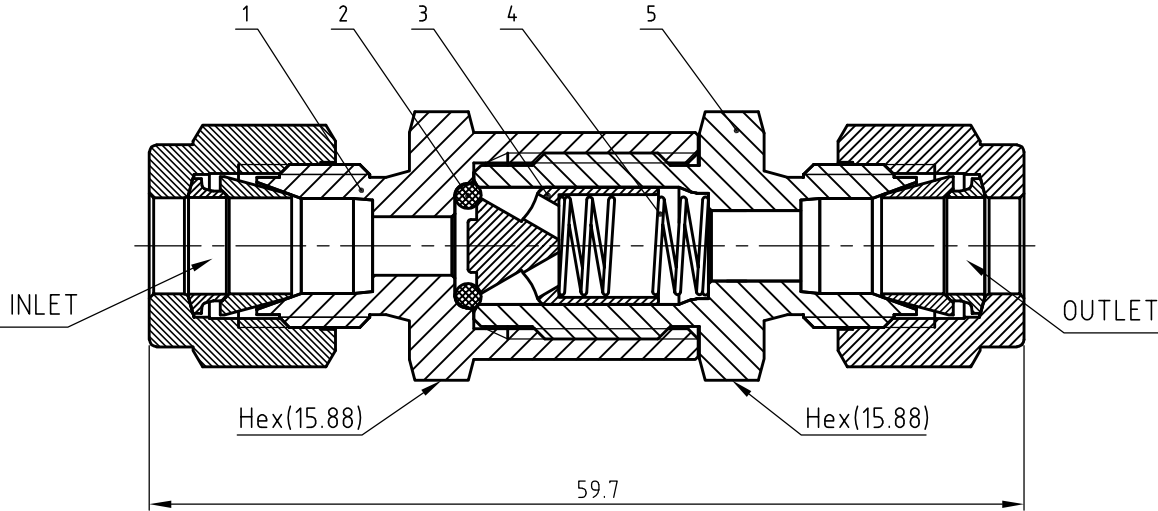
Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	O.D. 1/4"
Outlet Size	O.D. 1/4"
Cv	0.47

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 400 (204)	3000 (206)		

A	Nov.1.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-F4-S-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316.S.S/ASTM A479
2	O-Ring	FKM
3	Poppet	316.S.S/ASTM A479
4	Spring	304.S.S/ASTM A313
5	Outlet body	316.S.S/ASTM A479



Technical Data:

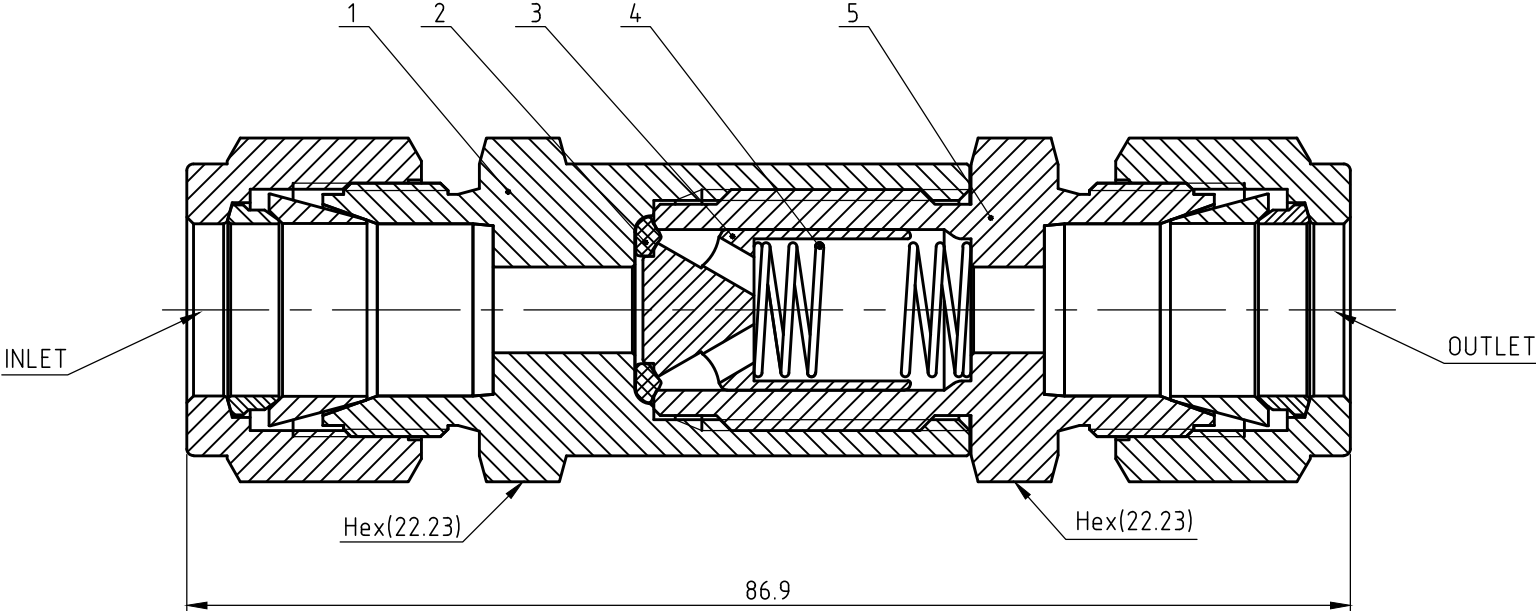
Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	O.D. 1/4"
Outlet Size	O.D. 1/4"
Cv	0.47

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (117)		
250 (121)	2450 (168)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Jul.22.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-F4-V-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	FVMQ
3	Poppet	316 S.S./ASTM A479
4	Spring	304 S.S./ASTM A313
5	Outlet body	316 S.S./ASTM A479



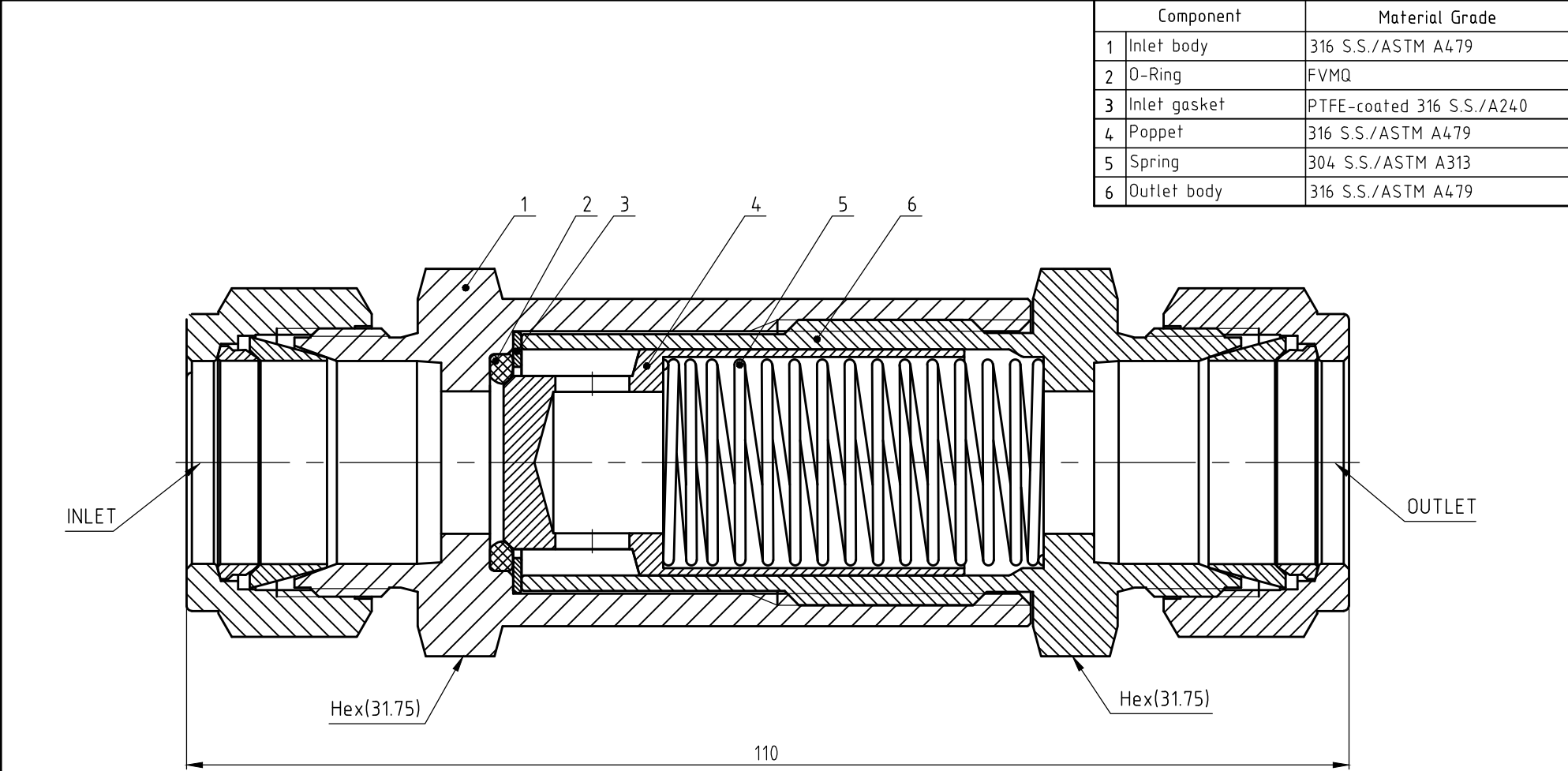
Technical Data:

Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	O.D. $\phi 1/2''$
Outlet Size	O.D. $\phi 1/2''$
Cv	1.68

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 400 (204)	3000 (206)		

A	Jul.24.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-F8-S-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Technical Data:

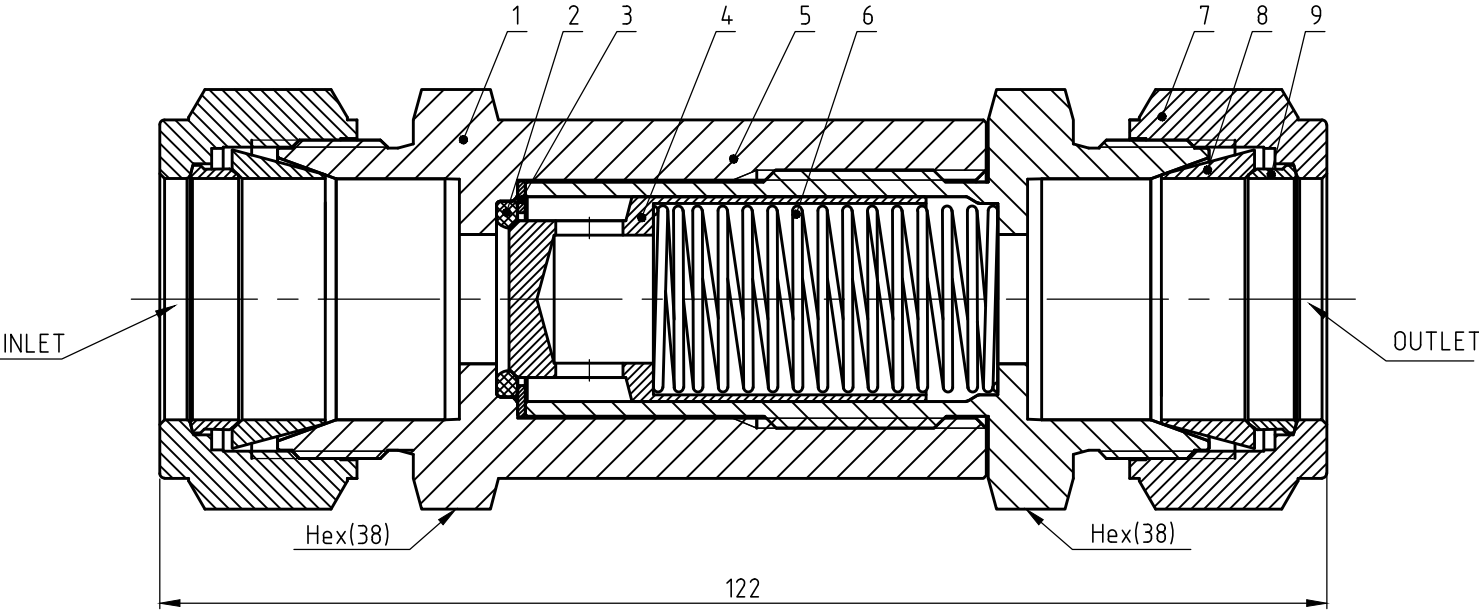
Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	O.D. $\phi 3/4''$
Outlet Size	O.D. $\phi 3/4''$
Cv	4.48

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 400 (204)	3000 (206)		

A	Jul.24.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-F12-S-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	FKM
3	Inlet gasket	PTFE-coated 316 SS/A240
4	Poppet	316 S.S./ASTM A479
5	Outlet body	316 S.S./ASTM A479
6	Spring	304 S.S./ASTM A313



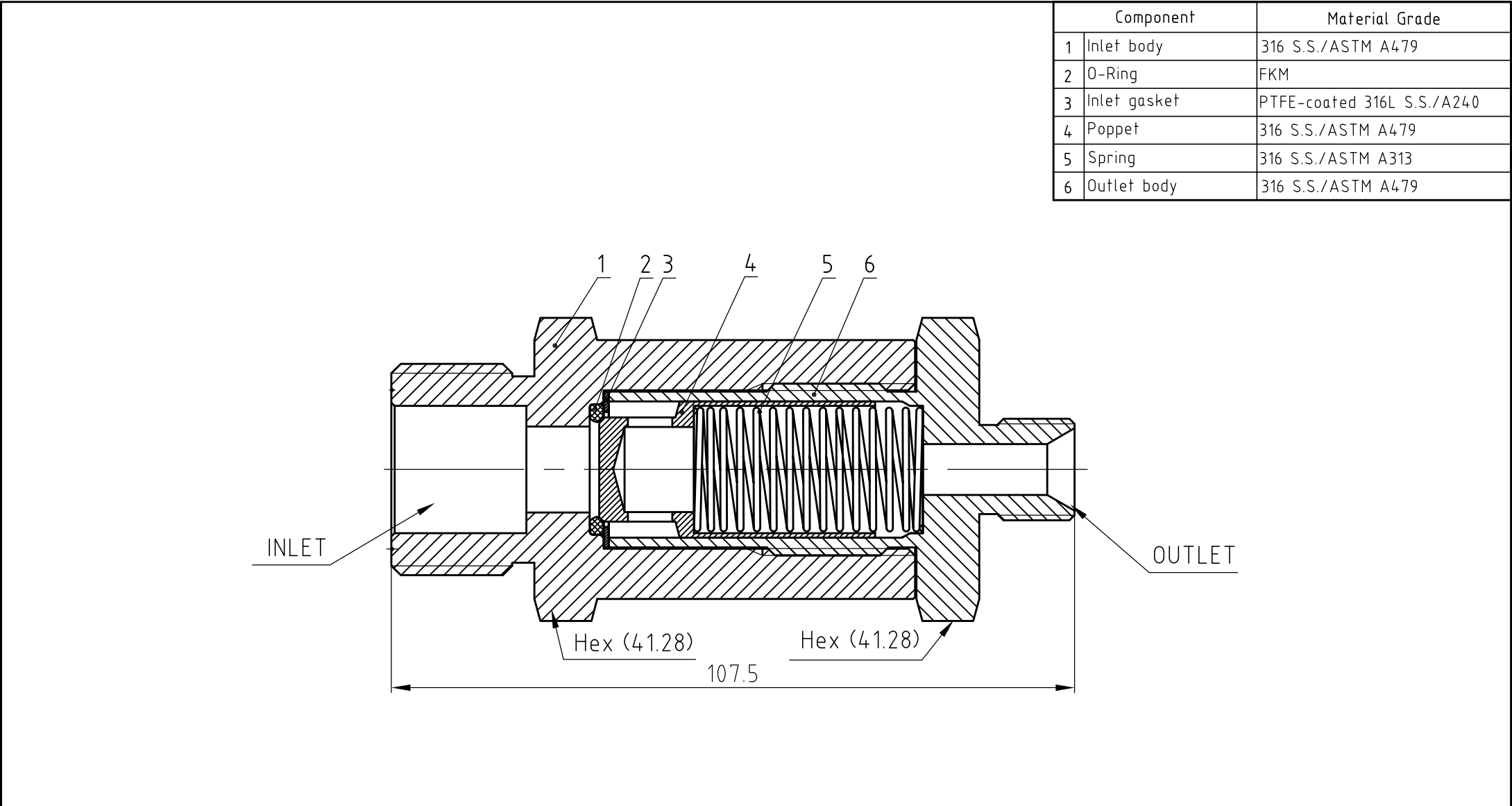
Technical Data:

Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	O.D. ϕ 25
Outlet Size	O.D. ϕ 25
Cv	4.48

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (177)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Mar,06.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M25-V-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



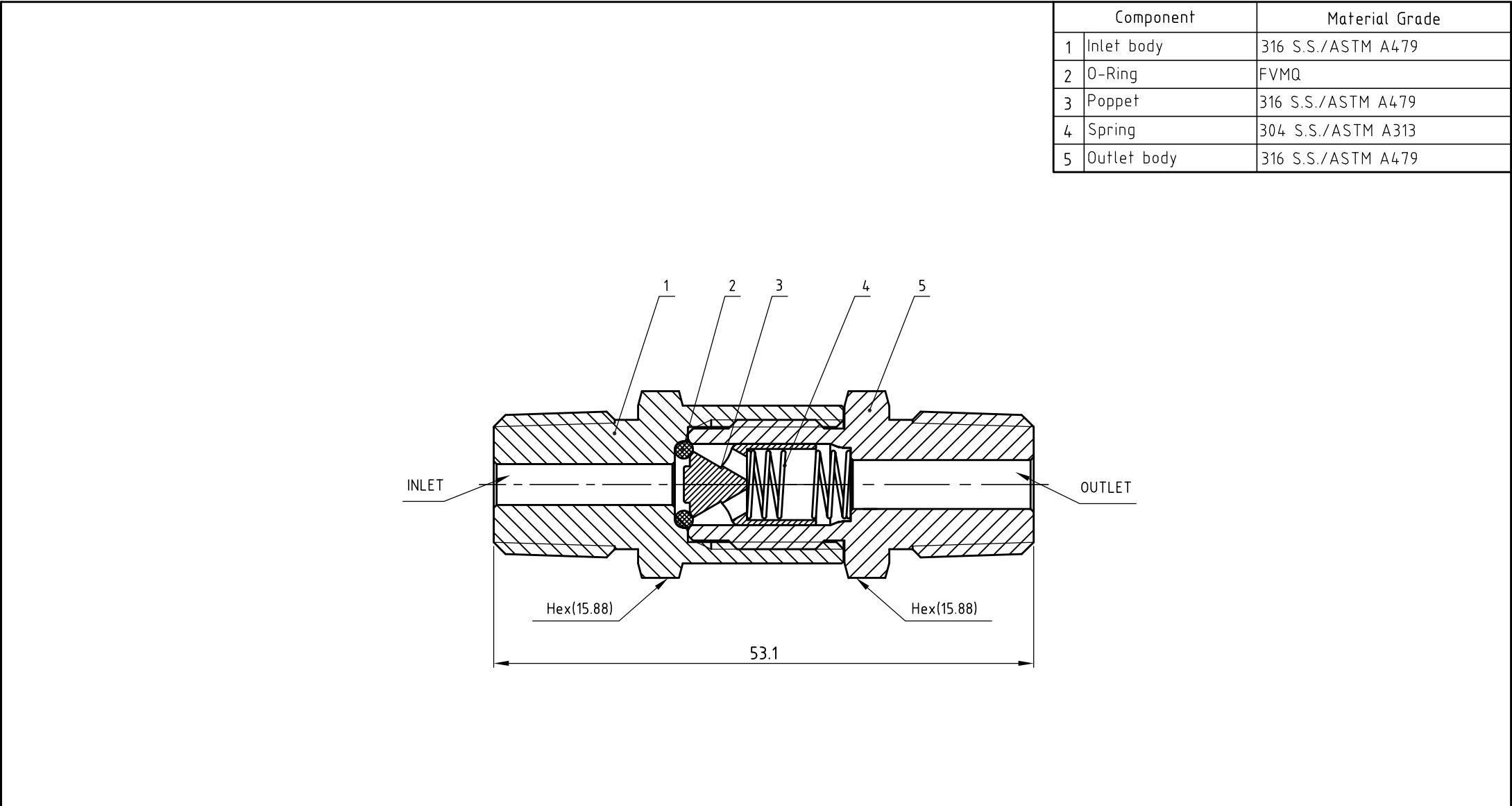
Technical Data:

Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	G1
Outlet Size	60CMS16

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (177)		
250 (121)	2450 (168)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Sep.2.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-MBP16-60CMS16-V-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Technical Data:

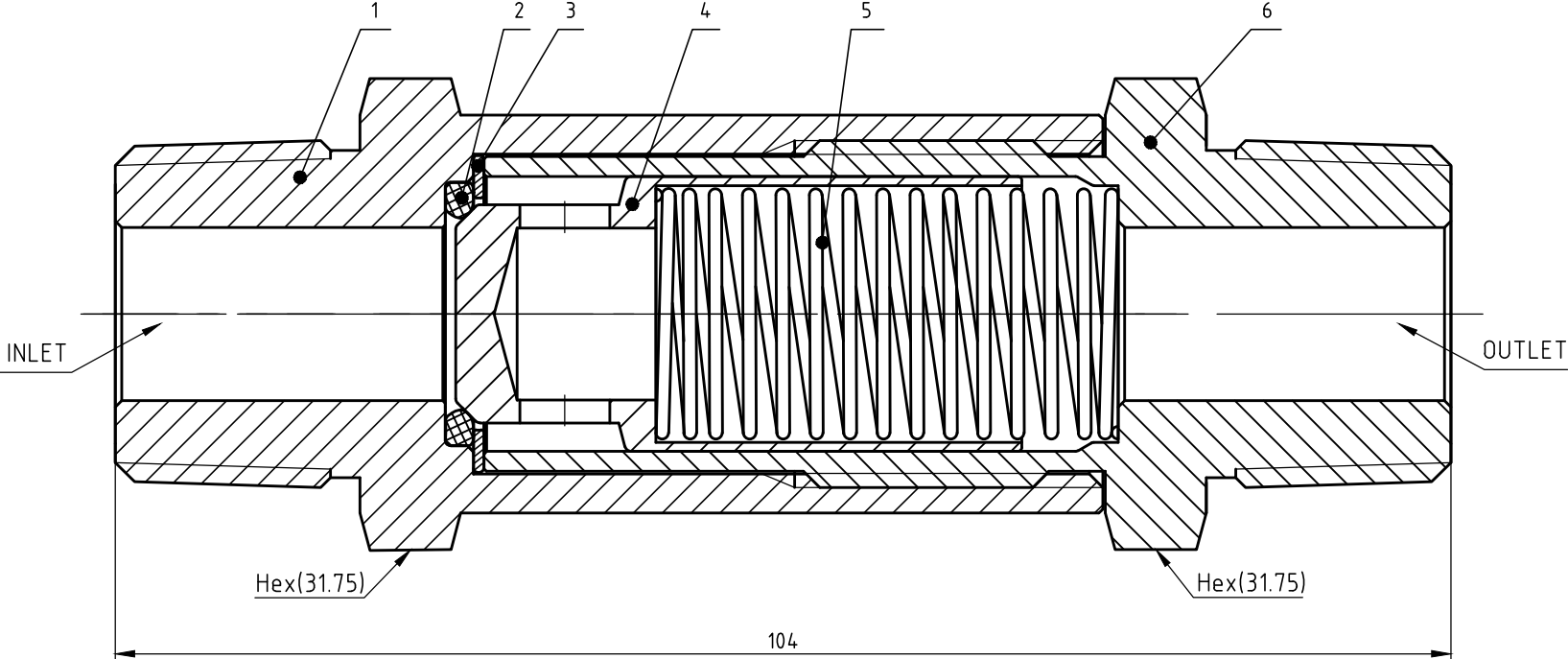
Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	1/4 NPT
Outlet Size	1/4 NPT
Cv	1.8

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 400 (204)	3000 (206)		

A	Dec.11.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
+likelok		Title	Check Valves		
		Model	CV1-NPT4-S-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	FKM
3	Inlet gasket	PTFE-coated 316 SS/A240
4	Poppet	316 S.S./ASTM A479
5	Spring	304 S.S./ASTM A313
6	Outlet body	316 S.S./ASTM A479



Technical Data:

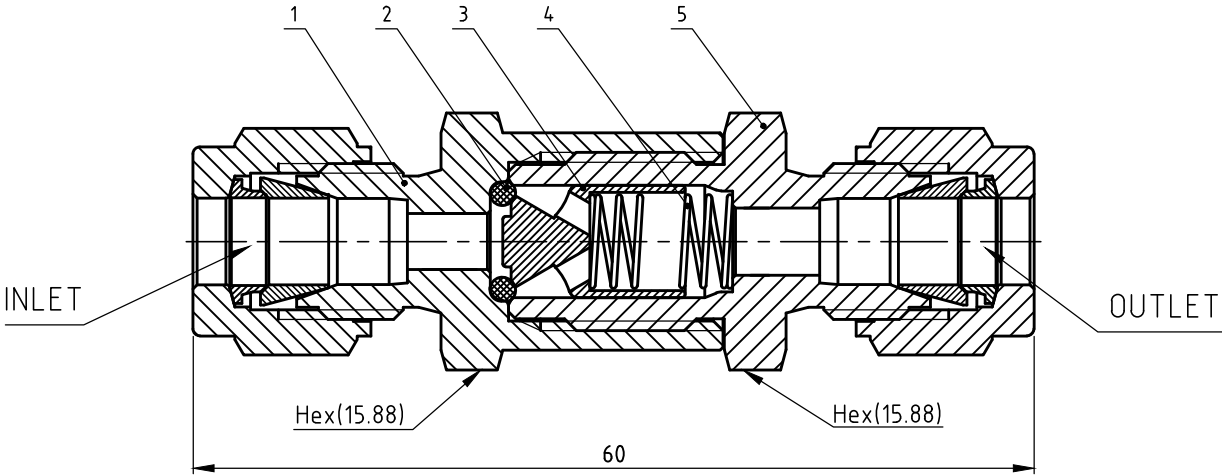
Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	3/4 NPT
Outlet Size	3/4 NPT
Cv	4.48

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (177)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Oct.13.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-NPT12-V-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	FKM
3	Poppet	316 S.S./ASTM A479
4	Spring	304 S.S./ASTM A313
5	Outlet body	316 S.S./ASTM A479



Technical Data:

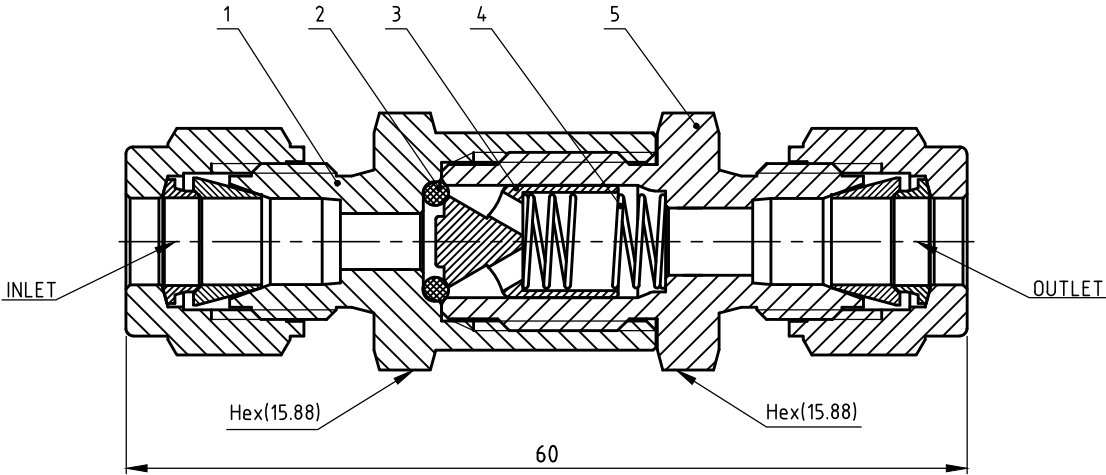
Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 5 (0.35) downstream pressure
Inlet Size	O.D. $\phi 6$
Outlet Size	O.D. $\phi 6$
Cv	0.47

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (177)		
250 (121)	2450 (168)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Feb.02.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M6-V-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316.S.S/ASTM A479
2	O-Ring	FKM
3	Poppet	316.S.S/ASTM A479
4	Spring	304.S.S/ASTM A313
5	Outlet body	316.S.S/ASTM A479



Technical Data:

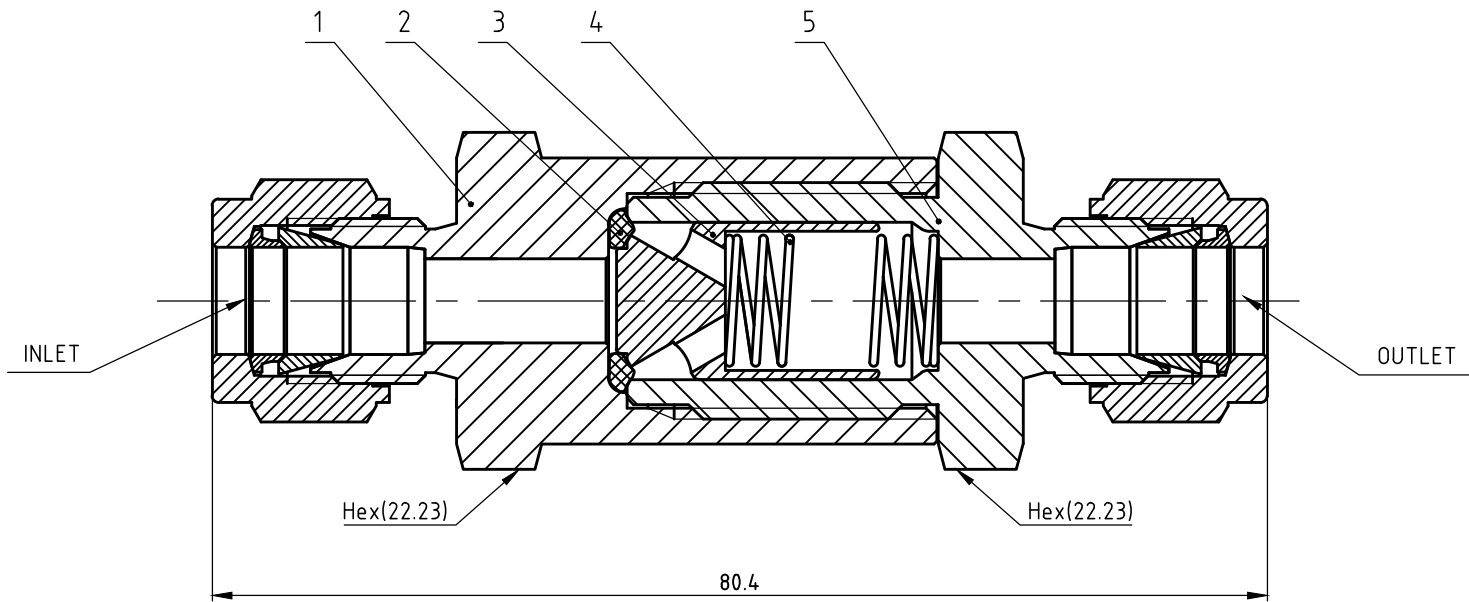
Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 5 (0.35) downstream pressure
Inlet Size	O.D. $\phi 6$
Outlet Size	O.D. $\phi 6$
Cv	0.47

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (117)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Jul.11.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M6-V-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	FKM
3	Poppet	316 S.S./ASTM A479
4	Spring	304 S.S./ASTM A313
5	Outlet body	316 S.S./ASTM A479



Technical Data:

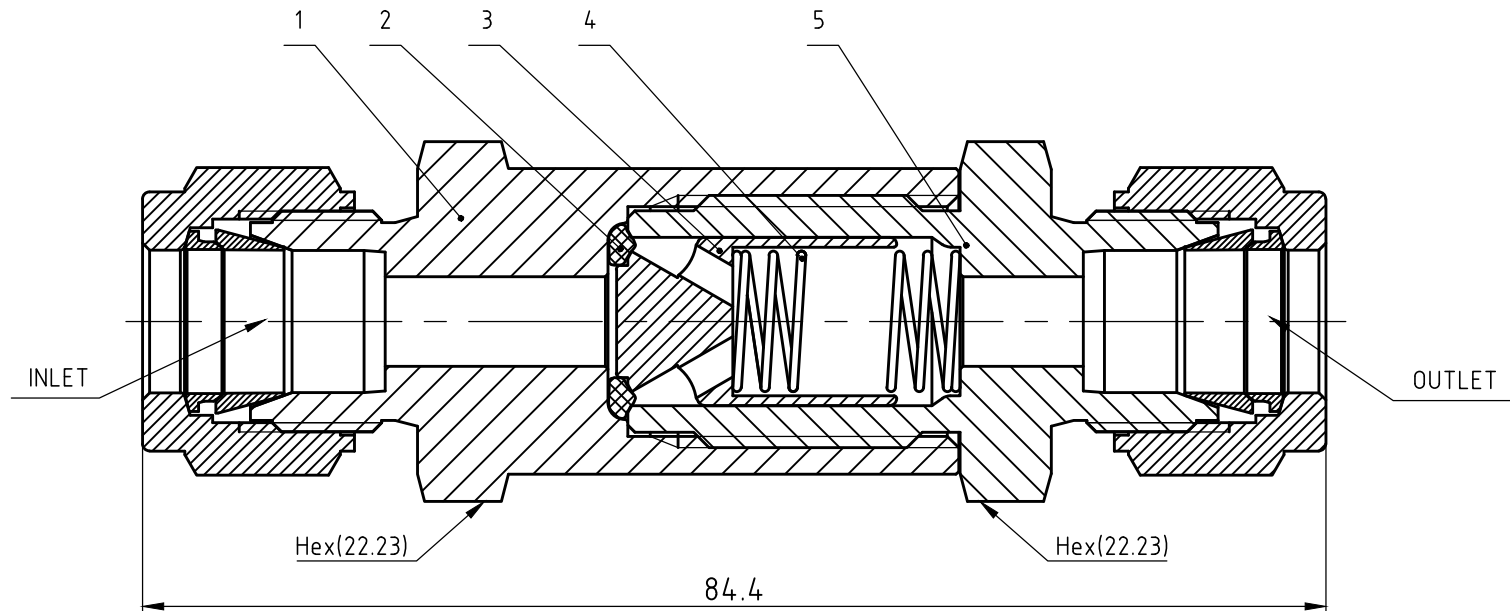
Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 5 (0.35) downstream pressure
Inlet Size	O.D. ϕ 8
Outlet Size	O.D. ϕ 8
Cv	1.68

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (177)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Jun.08.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M8-V-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	Ethylene Propylene
3	Poppet	316 S.S./ASTM A479
4	Spring	304 S.S./ASTM A313
5	Outlet body	316 S.S./ASTM A479



Technical Data:

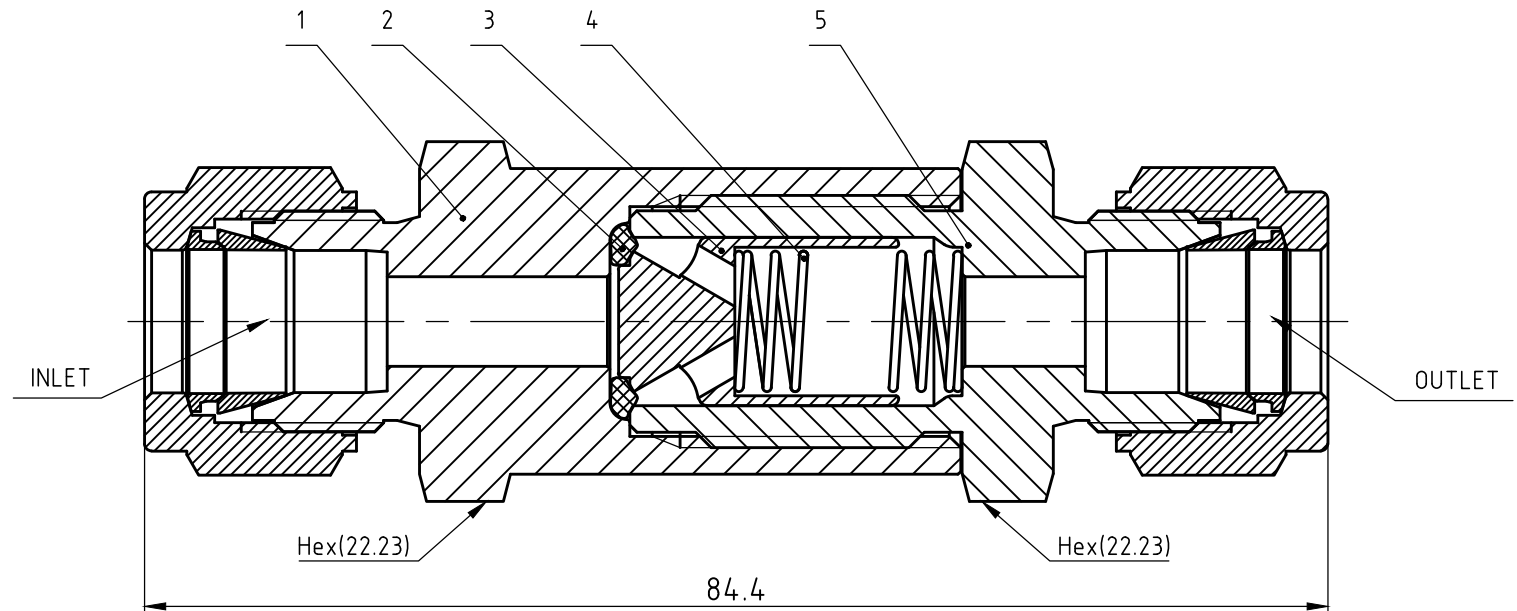
Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 5 (0.35) downstream pressure
Inlet Size	O.D. ϕ 10
Outlet Size	O.D. ϕ 10
Cv	1.68

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-50 (-45) to 100 (37)	3000 (206)		
200 (93)	2575 (177)		
250 (121)	2450 (168)		
300 (148)	2325 (160)		

A	Feb.22.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M10-E-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	Ethylene Propylene
3	Poppet	316 S.S./ASTM A479
4	Spring	304 S.S./ASTM A313
5	Outlet body	316 S.S./ASTM A479



Technical Data:

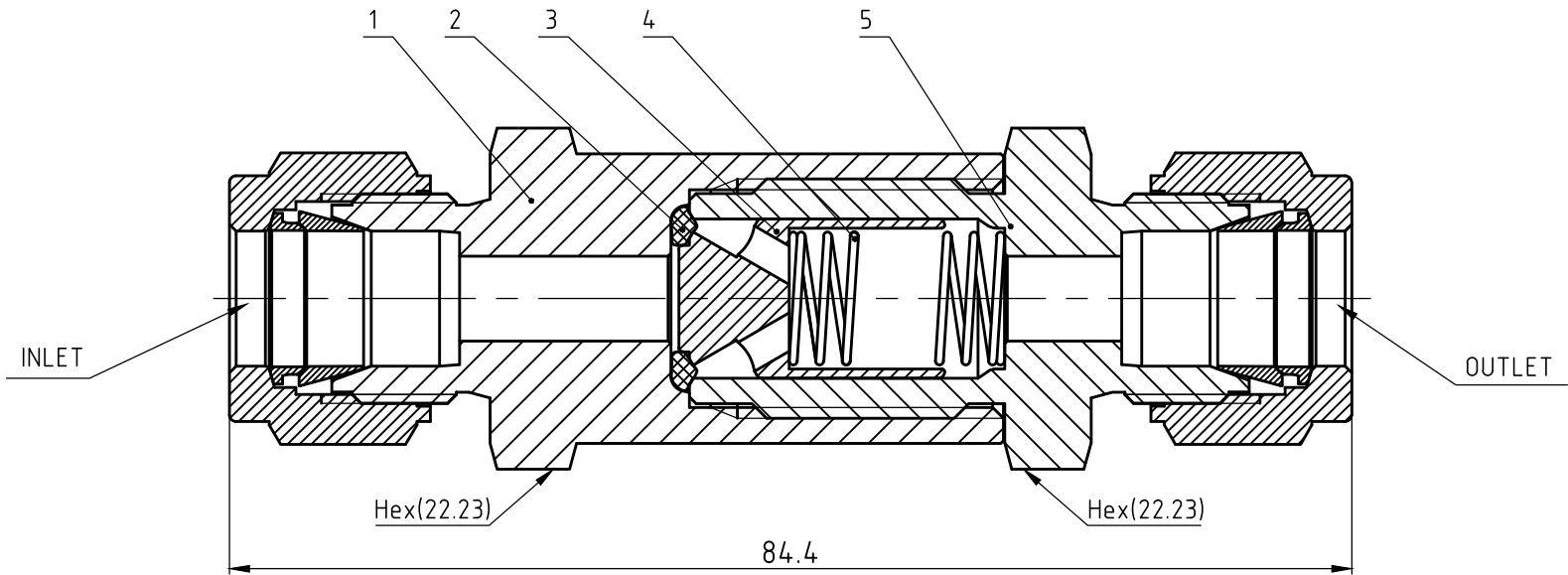
Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 5 (0.35) downstream pressure
Inlet Size	O.D. ϕ 10
Outlet Size	O.D. ϕ 10
Cv	1.68

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-50 (-45) to 100 (37)	3000 (206)		
200 (93)	2575 (177)		
250 (121)	2450 (168)		
300 (148)	2325 (160)		

A	Feb.02.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M10-E-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	FVMQ
3	Poppet	316 S.S./ASTM A479
4	Spring	304 S.S./ASTM A313
5	Outlet body	316 S.S./ASTM A479



Technical Data:

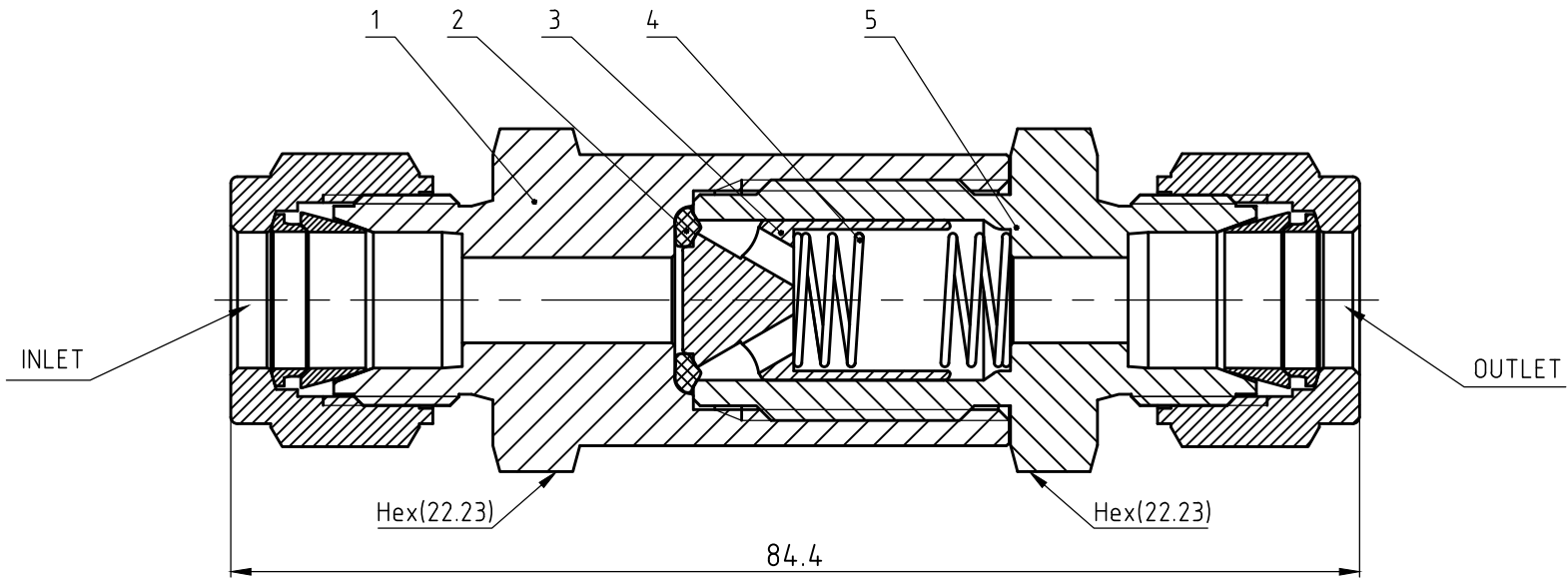
Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	O.D. $\phi 10$
Outlet Size	O.D. $\phi 10$
Cv	1.68

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 400 (204)	3000 (206)		

A	Jul.26.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M10-S-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	FVMQ
3	Poppet	316 S.S./ASTM A479
4	Spring	304 S.S./ASTM A313
5	Outlet body	316 S.S./ASTM A479



Technical Data:

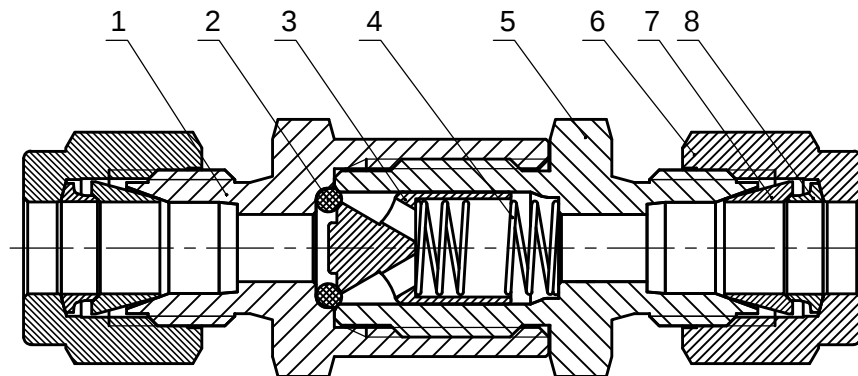
Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	O.D. $\phi 10$
Outlet Size	O.D. $\phi 10$
Cv	1.68

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 400 (204)	3000 (206)		

A	Aug.23.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M10-S-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Material of Construction



Component		Material Grade	Component		Material Grade
1	Inlet body	316.S.S/ASTM A479	13		
2	O-Ring	Fluorocarbon FKM	14		
3	Poppet	316.S.S/ASTM A479	15		
4	Spring	304.S.S/ASTM A313	16		
5	Outlet body	316.S.S/ASTM A479	17		
6	Ferrule Nuts	316.S.S/ASTM A479	18		
7	Front Ferrules	316.S.S/ASTM A479	19		
8	Back Ferrules	316.S.S/ASTM A479	20		
9			21		
10			22		
11			23		
12			24		

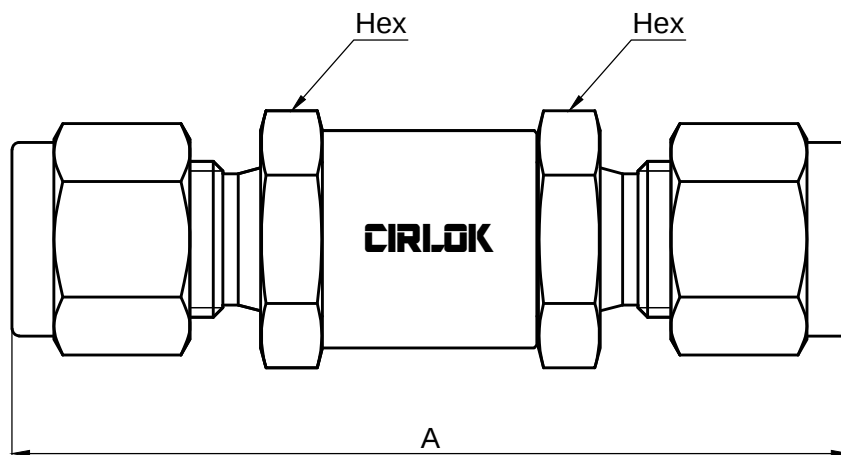
Pressure vs. Temperature

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)	400 (204)	2185 (150)
200 (93)	2575 (177)		
300 (148)	2325 (160)		

Cracking Pressure and Resealing Pressure

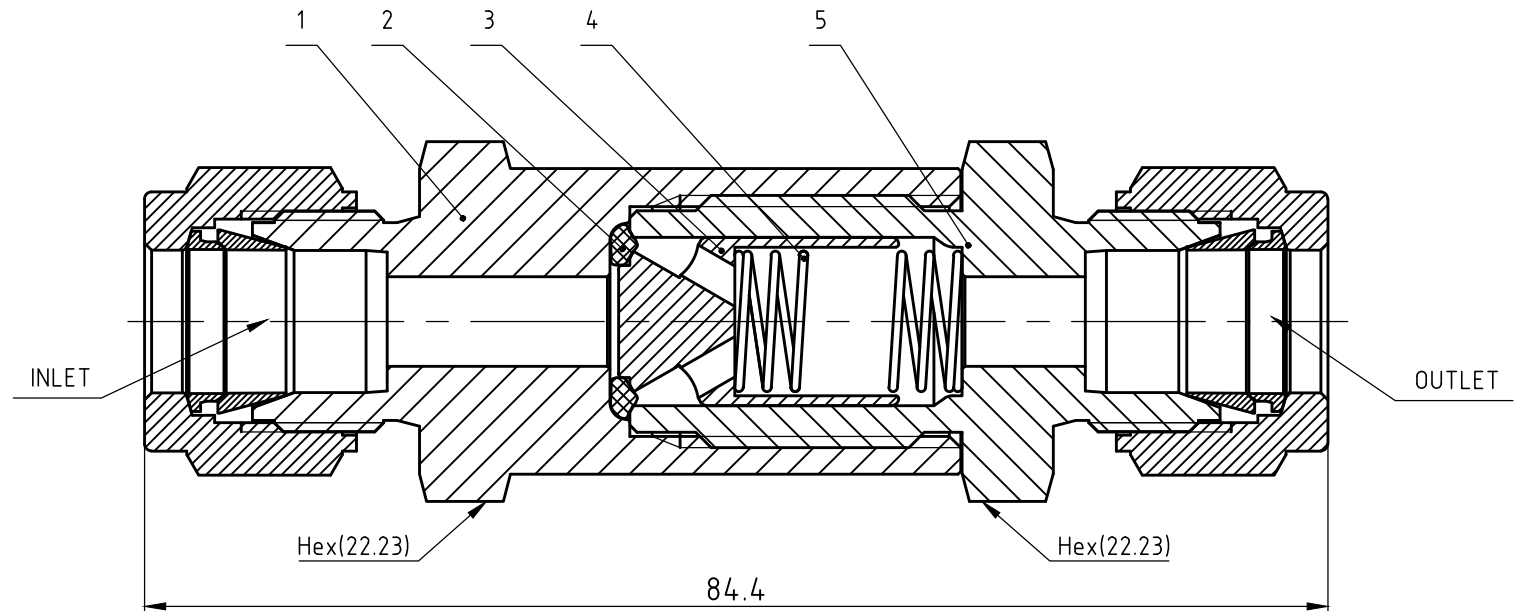
Nominal Cracking Pressure psig (bar)	Cracking Pressure Range psig (bar)	Resealing Pressure Range psig (bar)
1 (0.06)	0 to 4 (0 to 0.28)	Up to 5 (0.35) downstream pressure

Dimensions



Inlet Size	Outlet Size			
O.D.Ø10	O.D.Ø10			
Dimensions in. (mm)				
A	Hex			
3.32 (84.4)	0.88 (22.23)			

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	FKM
3	Poppet	316 S.S./ASTM A479
4	Spring	304 S.S./ASTM A313
5	Outlet body	316 S.S./ASTM A479



Technical Data:

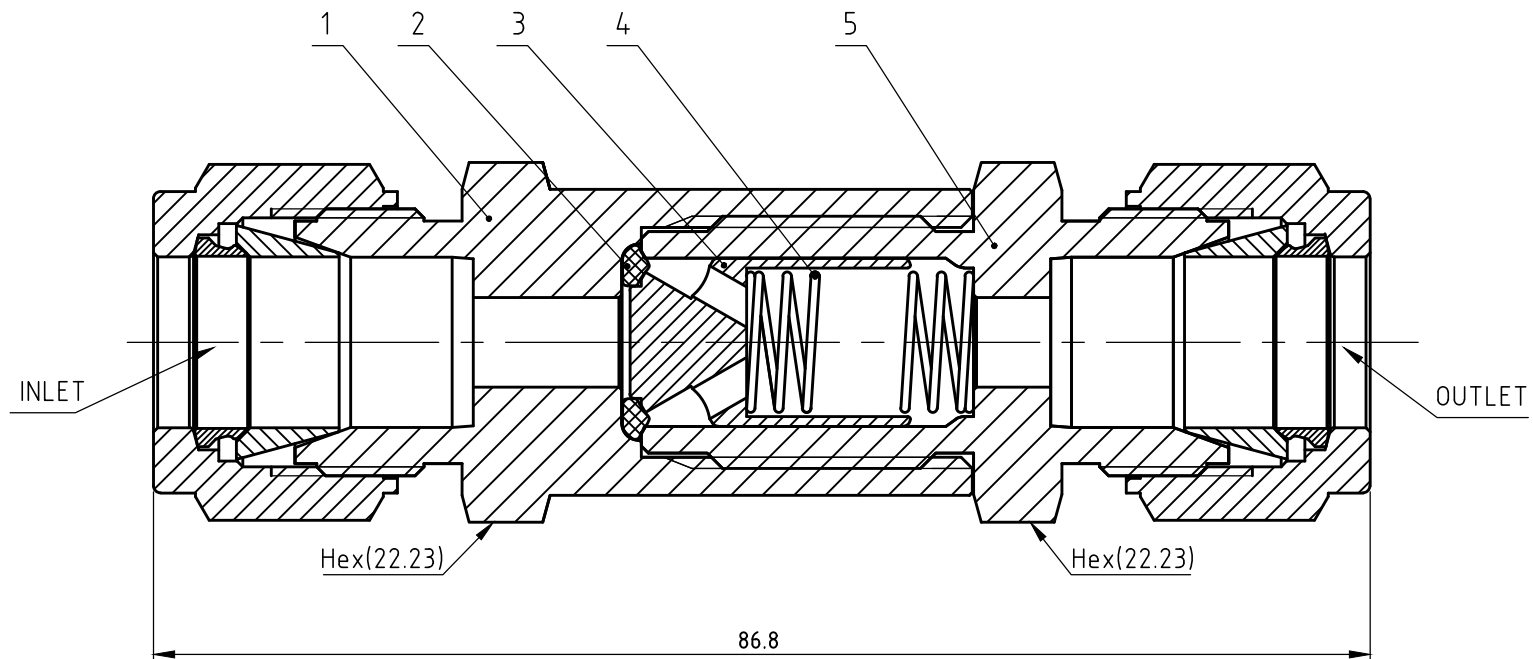
Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 5 (0.35) downstream pressure
Inlet Size	O.D. $\phi 10$
Outlet Size	O.D. $\phi 10$
Cv	1.68

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (177)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Feb.22.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M10-V-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316 S.S./ASTM A479
2	O-Ring	Ethylene Propylene
3	Poppet	316 S.S./ASTM A479
4	Spring	304 S.S./ASTM A313
5	Outlet body	316 S.S./ASTM A479



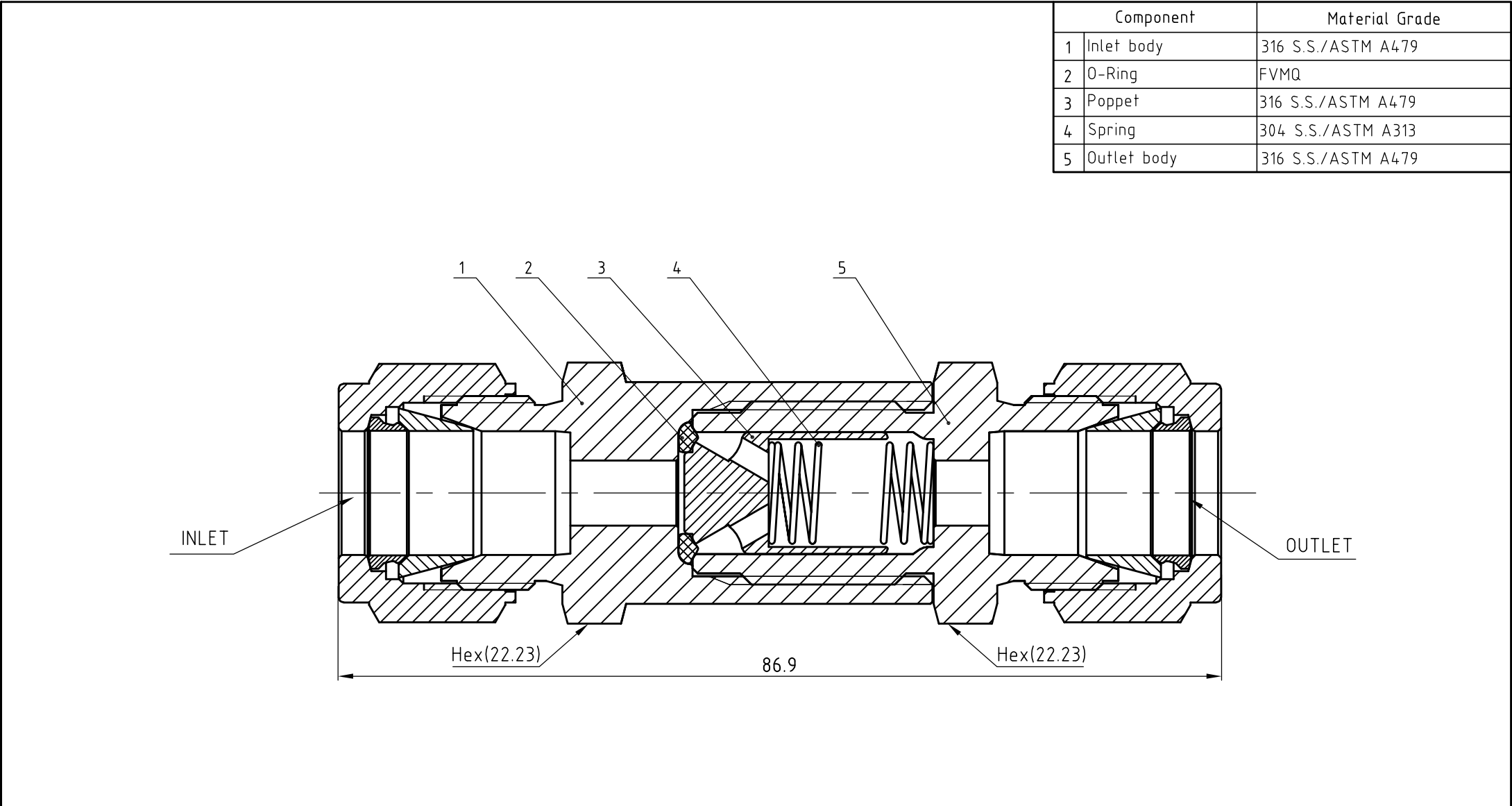
Technical Data:

Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 5 (0.35) downstream pressure
Inlet Size	O.D. ϕ 12
Outlet Size	O.D. ϕ 12
Cv	1.68

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-50 (-45) to 100 (37)	3000 (206)		
200 (93)	2575 (177)		
250 (121)	2450 (168)		
300 (148)	2325 (160)		

A	Feb.02.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M12-E-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Technical Data:

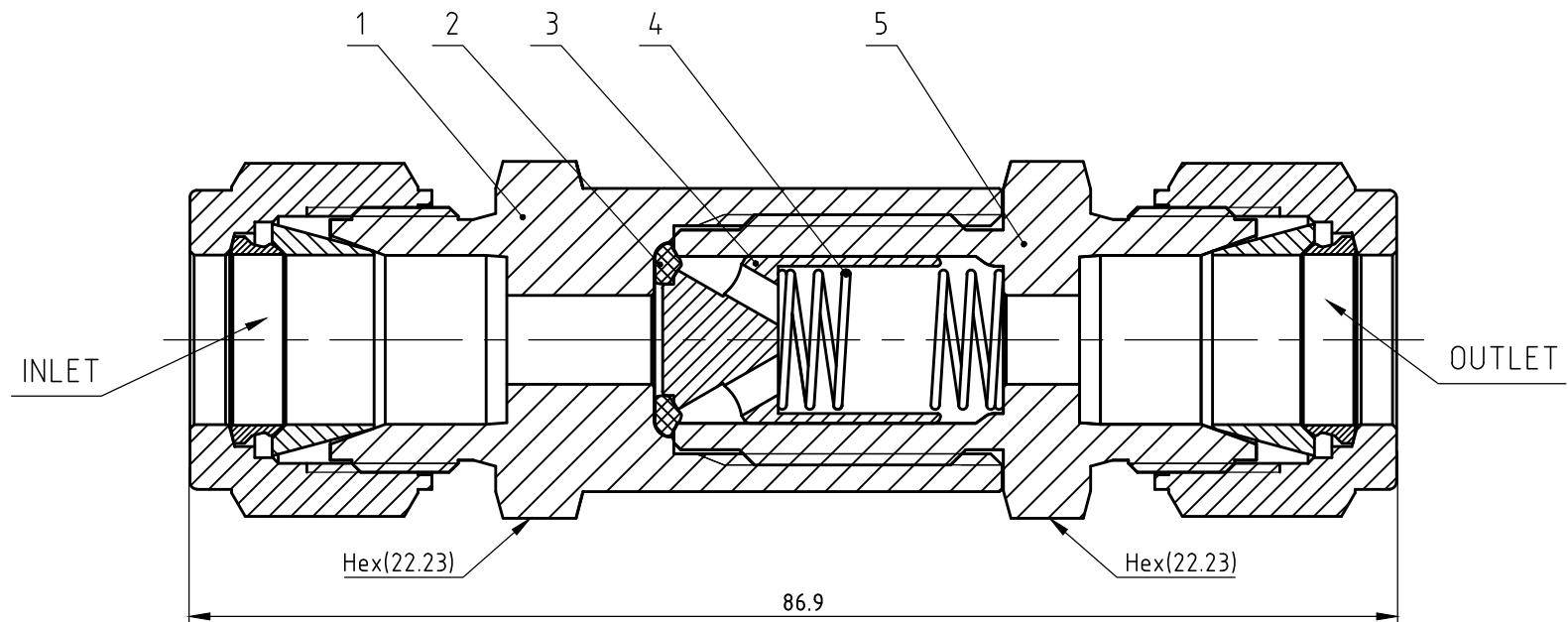
Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	O.D. ϕ 12
Outlet Size	O.D. ϕ 12
Cv	1.68

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 400 (204)	3000 (206)		

A	Aug.21.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M12-S-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316.S.S/ASTM A479
2	O-Ring	FKM
3	Poppet	316.S.S/ASTM A479
4	Spring	304.S.S/ASTM A313
5	Outlet body	316.S.S/ASTM A479



Technical Data:

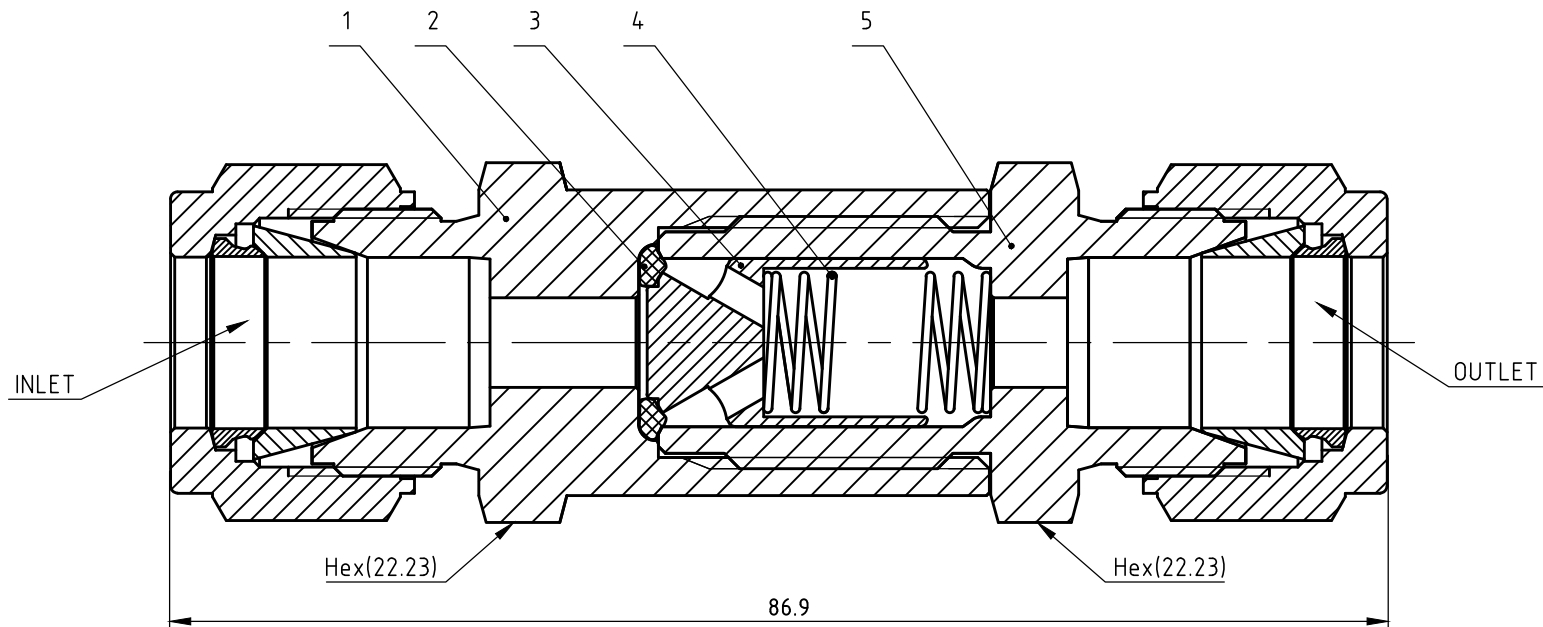
Cracking Pressure Range psig (bar)	0 to 4 (0 to 0.28)
Resealing Pressure Range psig (bar)	Up to 5 (0.35) downstream pressure
Inlet Size	O.D. ϕ 12
Outlet Size	O.D. ϕ 12
Cv	1.68

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (117)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Mar.21.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M12-V-1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Inlet body	316.S.S/ASTM A479
2	O-Ring	FKM
3	Poppet	316.S.S/ASTM A479
4	Spring	304.S.S/ASTM A313
5	Outlet body	316.S.S/ASTM A479



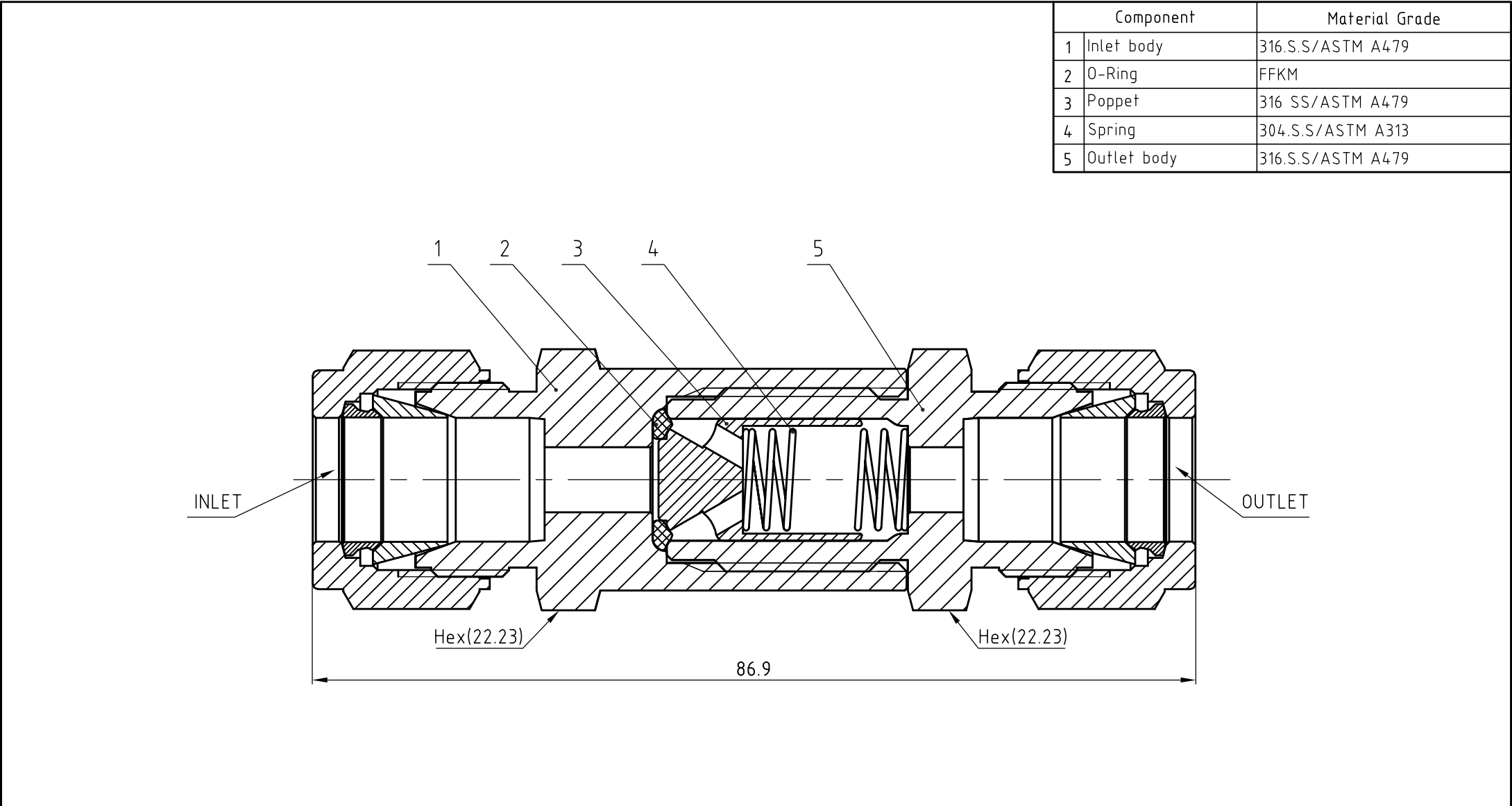
Technical Data:

Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 5 (0.35) downstream pressure
Inlet Size	O.D. ϕ 12
Outlet Size	O.D. ϕ 12
Cv	1.68

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-10 (-23) to 100 (37)	3000 (206)		
200 (93)	2575 (117)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		

A	Jul.11.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M12-V-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Technical Data:

Cracking Pressure Range psig (bar)	0 to 3 (0 to 0.21)
Resealing Pressure Range psig (bar)	Up to 6 (0.42) downstream pressure
Inlet Size	O.D. ϕ 12
Outlet Size	O.D. ϕ 12
Cv	1.68

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
0 (-17) to 100 (37)	3000 (206)	525 (274)	1320 (91)
200 (93)	2575 (177)		
250 (121)	2450 (168)		
300 (148)	2325 (160)		
400 (204)	2185 (150)		
500 (260)	1500 (103)		

A	Dec.15.2020				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Check Valves		
		Model	CV1-M12-Z-2-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		