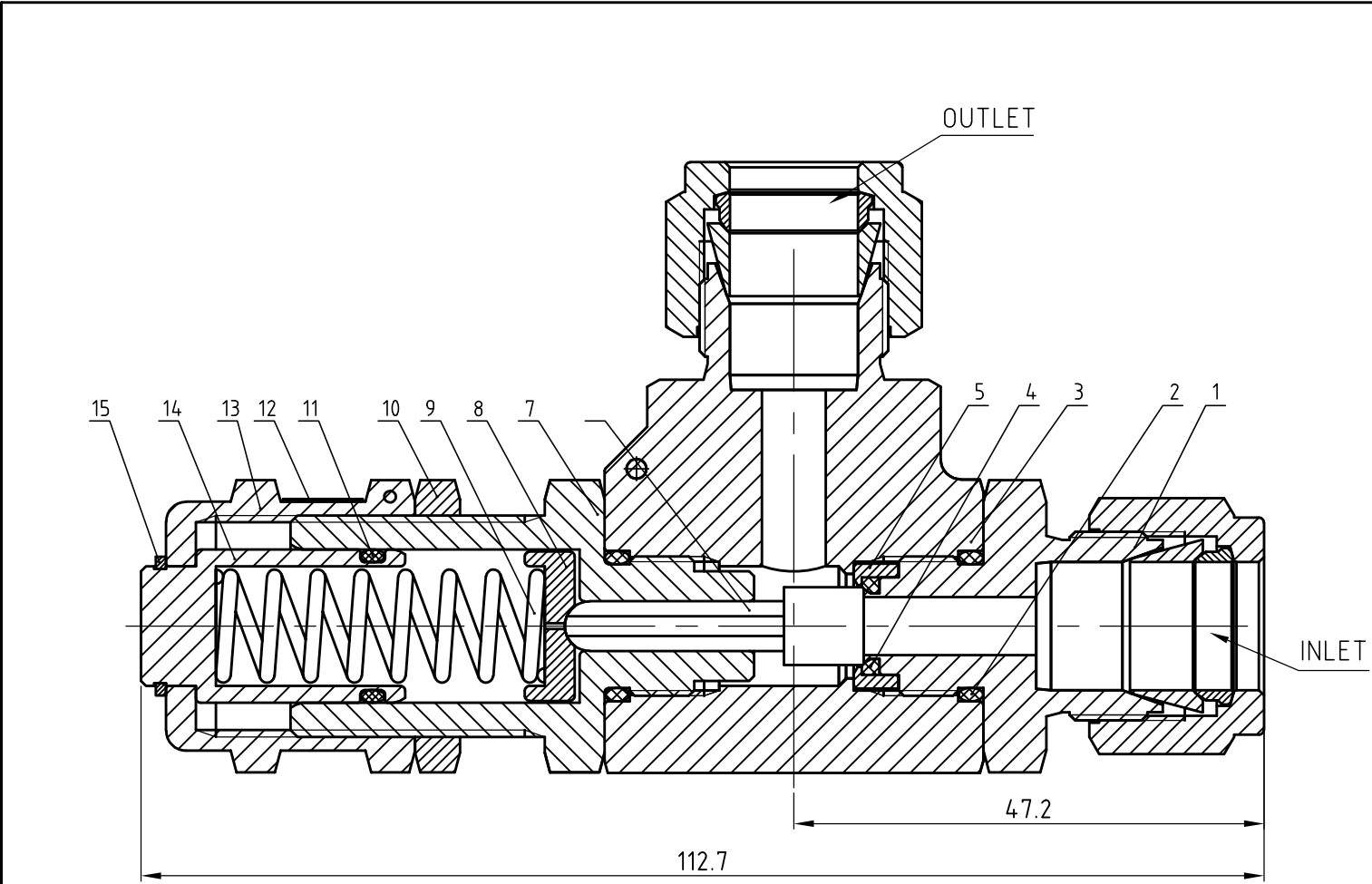




Component		Material Grade
1	Fitting	316 S.S./ASTM 479
2	O-Ring	FVMQ
3	Body	316 S.S./ASTM 479
4	O-Ring	FVMQ
5	Seat	316 S.S./ASTM A479
6	Stem	316 S.S./ASTM A479
7	Bonnet	316 S.S./ASTM A479
8	Spring Support	316 S.S./ASTM A479
9	Spring	631 S.S./ASTM 313
10	Lock Nut	630 S.S./ASTM B783
11	O-Ring	FVMQ
12	Lable	Polyester
13	Bonnet Cap	316 S.S./ASTM A479
14	Spring Holder	316 S.S./ASTM A479
15	Retaining Ring	304 S.S./ASTM A240

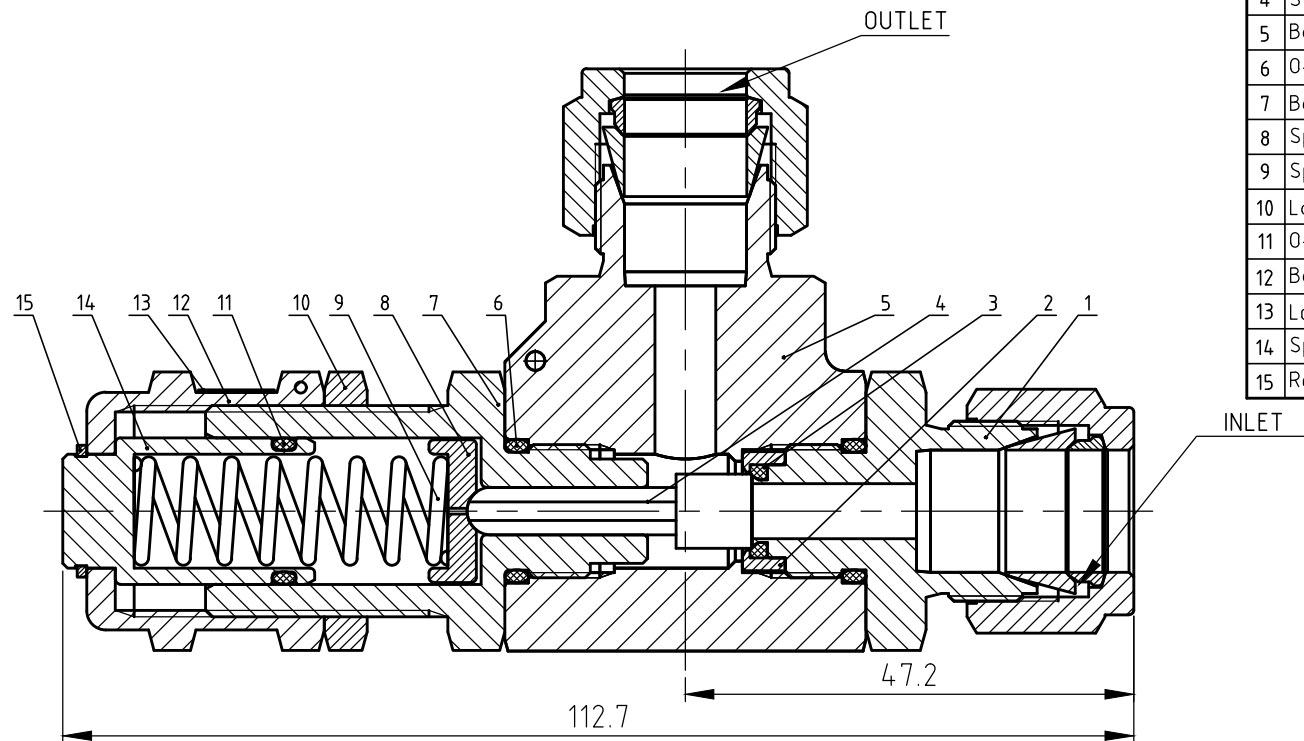
Technical Data:

Setting Pressure Range	5-300psi(0.34-20.6bar)
Orifice Size	5.8mm
Temperature Range °F (°C)	-76 (-60) to 250(121)
Inlet Size	O.D.ϕ1/2"
outlet Size	O.D.ϕ1/2"

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)

A	Jul.29.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Proportional Relief Valves		
		Model	RV4-F8-05S-G-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	Shroud Ring	316 S.S./ASTM A479
3	O-Ring	FKM
4	Stem	316 S.S./ASTM A479
5	Body	316 S.S./ASTM A182
6	O-Ring	FKM
7	Bonnet	316 S.S./ASTM A479
8	Spring Support	316 S.S./ASTM A276
9	Spring	S17700 S.S./AMS 5678
10	Lock Nut	316 S.S./ASTM A276
11	O-Ring	FKM
12	Bonnet Cap	316 S.S./ASTM A479
13	Lable	Polyester
14	Spring Holder	316 S.S./ASTM A276
15	Retaining Ring	304 S.S./ASTM A240

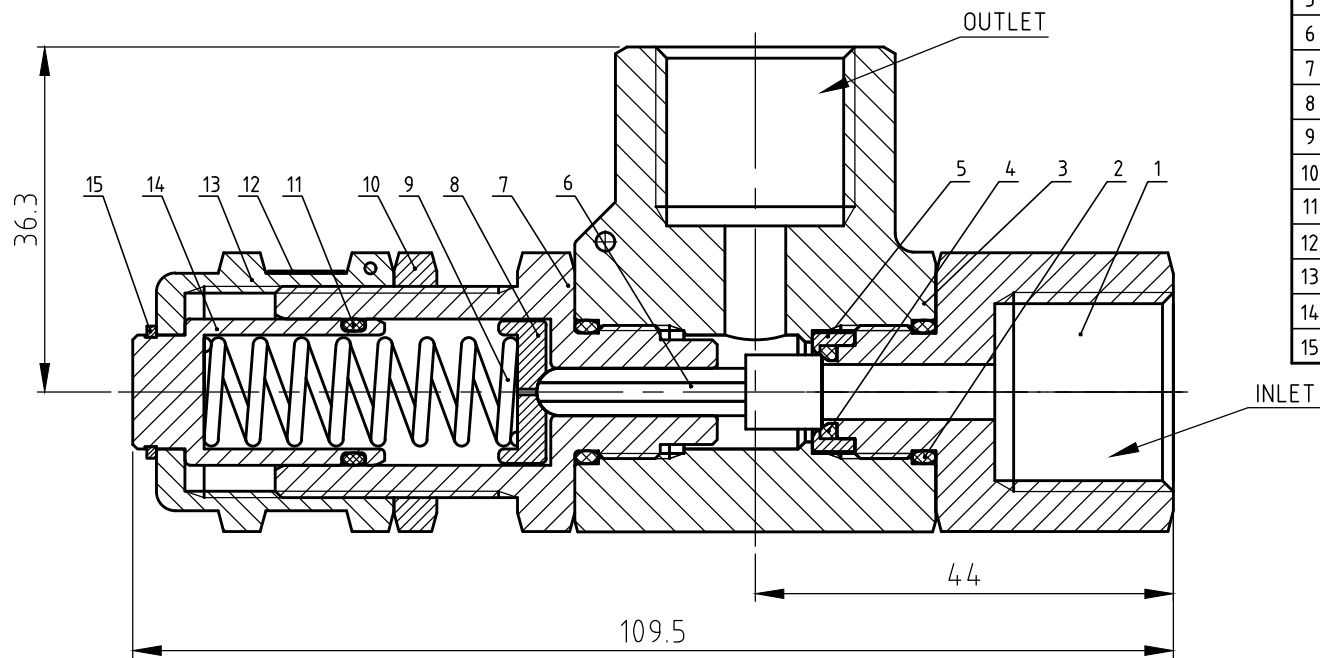
Technical Data:

Setting Pressure Range	5-300psi(0.34-20.7bar)
Orifice Size	5.8mm
Inlet Size	O.D.ϕ1/2"
outlet Size	O.D.ϕ1/2"

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
25 (-4) to 250 (121)	550 (37.9)		

A	Apr.22.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Proportional Relief Valves		
		Model	RV4-F8-05V-G-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	Shroud Ring	316 S.S./ASTM A479
3	O-Ring	FLS
4	Stem	316 S.S./ASTM A479
5	Body	316 S.S./ASTM A182
6	O-Ring	FLS
7	Bonnet	316 S.S./ASTM A479
8	Spring Support	316 S.S./ASTM A276
9	Spring	S17700 S.S./AMS 5678
10	Lock Nut	316 S.S./ASTM A276
11	O-Ring	FLS
12	Bonnet Cap	316 S.S./ASTM A479
13	Lable	Polyester
14	Spring Holder	316 S.S./ASTM A276
15	Retaining Ring	304 S.S./ASTM A240

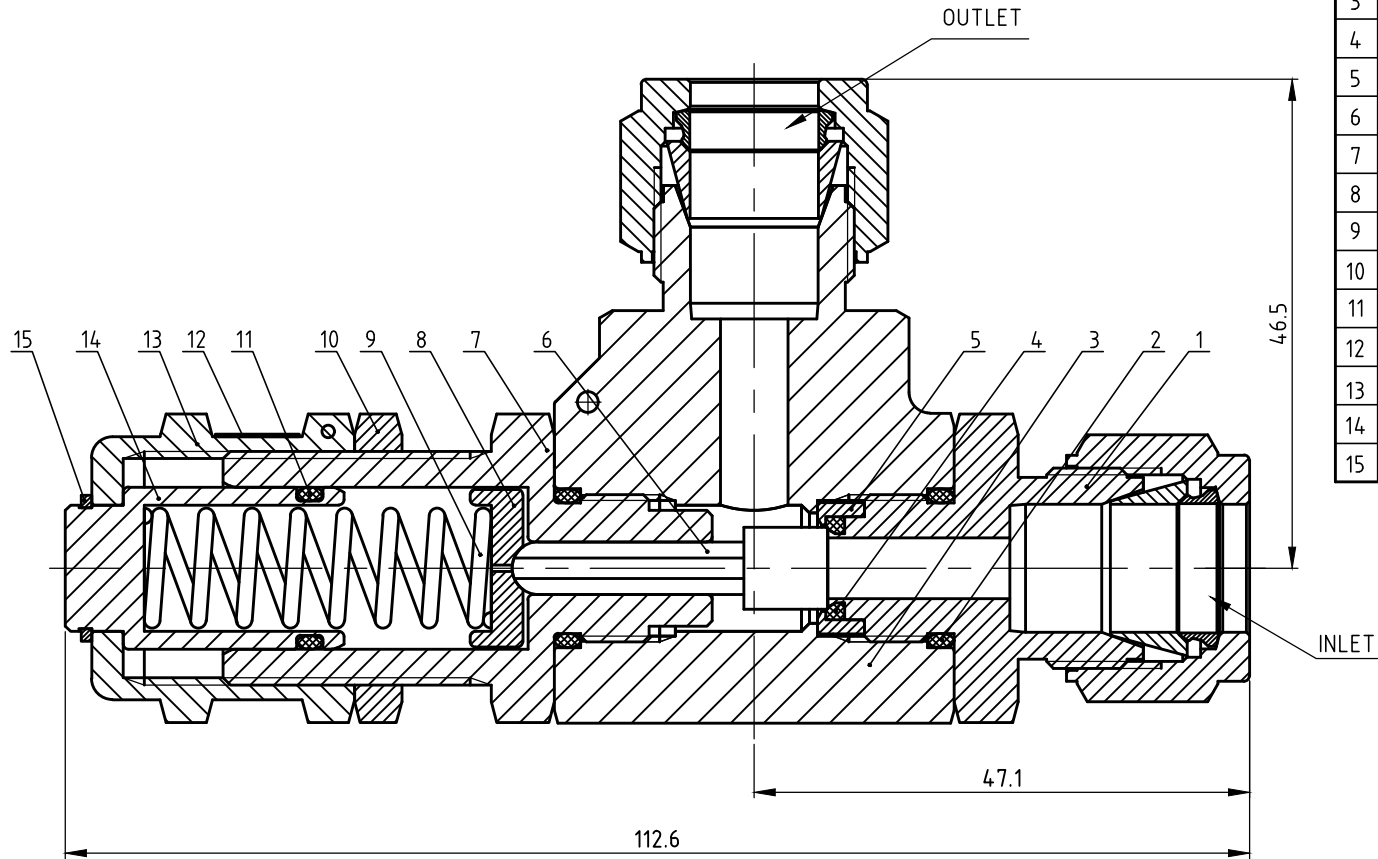
Technical Data:

Setting Pressure Range	5-300psi(0.34-20.7bar)
Orifice Size	5.8mm
Inlet Size	G1/2(F)
outlet Size	G1/2(F)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 250 (121)	550 (37.9)		

B	Feb.29.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Proportional Relief Valves		
		Model	RV4-FBP8-05S-G-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Fitting	316.S.S/ASTM 479
2	O-Ring	EPDM
3	Body	316.S.S/ASTM A182
4	O-Ring	EPDM
5	Seat	316.S.S/ASTM 479
6	Stem	316.S.S/ASTM A479
7	Bonnet	316.S.S/ASTM A479
8	Spring Support	316.S.S/ASTM A479
9	Spring	631.S.S/ASTM 313
10	Lock Nut	630.S.S/ASTM B783
11	O-Ring	EPDM
12	Lable	Polyester
13	Bonnet Cap	316.S.S/ASTM A479
14	Spring Holder	316.S.S/ASTM A479
15	Retaining Ring	304.S.S/ASTM A240

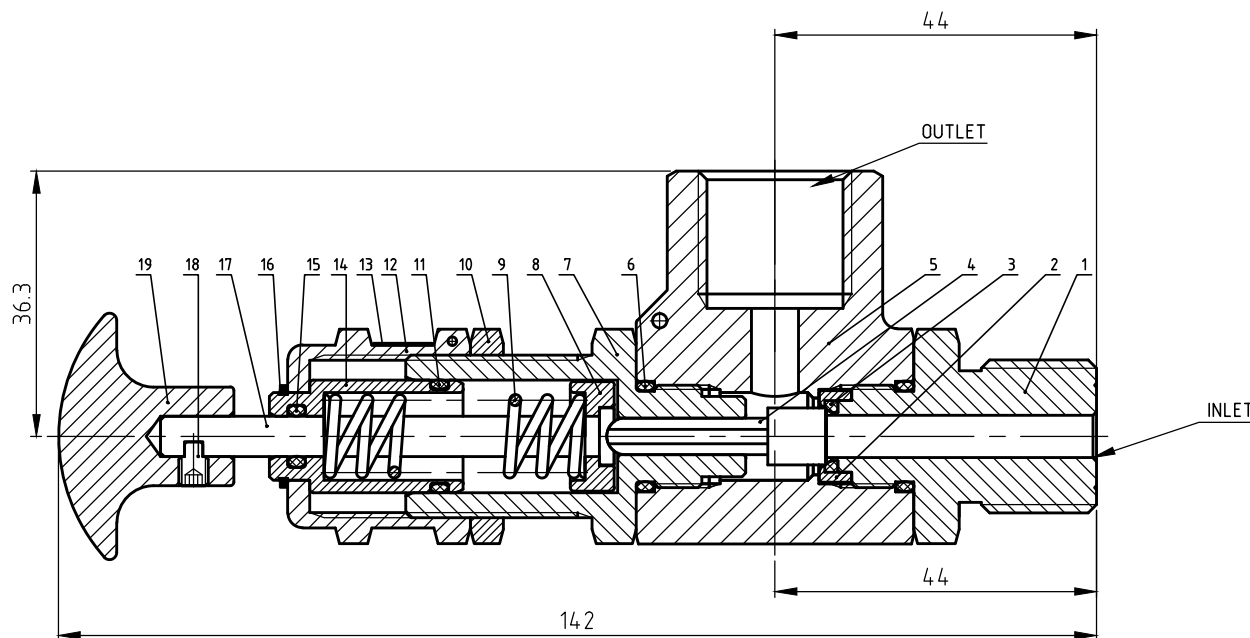
Technical Data:

Setting Pressure Range	5-300psi(0.3-20.6bar)
Orifice Size	5.8mm
Temperature Range °F (°C)	-40 (-40) to 250(121)
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)

A	Oct.06.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Proportional Relief Valves		
		Model	RV4-M12-05E-G-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	Shroud Ring	316 S.S./ASTM A479
3	O-Ring	FVMQ
4	Stem	316 S.S./ASTM A479
5	Body	316 S.S./ASTM A182
6	O-Ring	FVMQ
7	Bonnet	316 S.S./ASTM A479
8	Spring Support	316 S.S./ASTM A276
9	Spring	S17700 S.S./AMS 5678
10	Lock Nut	316 S.S./ASTM A276
11	O-Ring	FVMQ
12	Bonnet Cap	316 S.S./ASTM A479
13	Lable	Polyester
14	Spring Holder	316 S.S./ASTM A276
15	O-Ring	FVMQ
16	Retaining Ring	304 S.S./ASTM A240
17	Pull Rod	316L S.S./ASTM A276
18	Screw	304L S.S./ASTM A276
19	Handle	6061

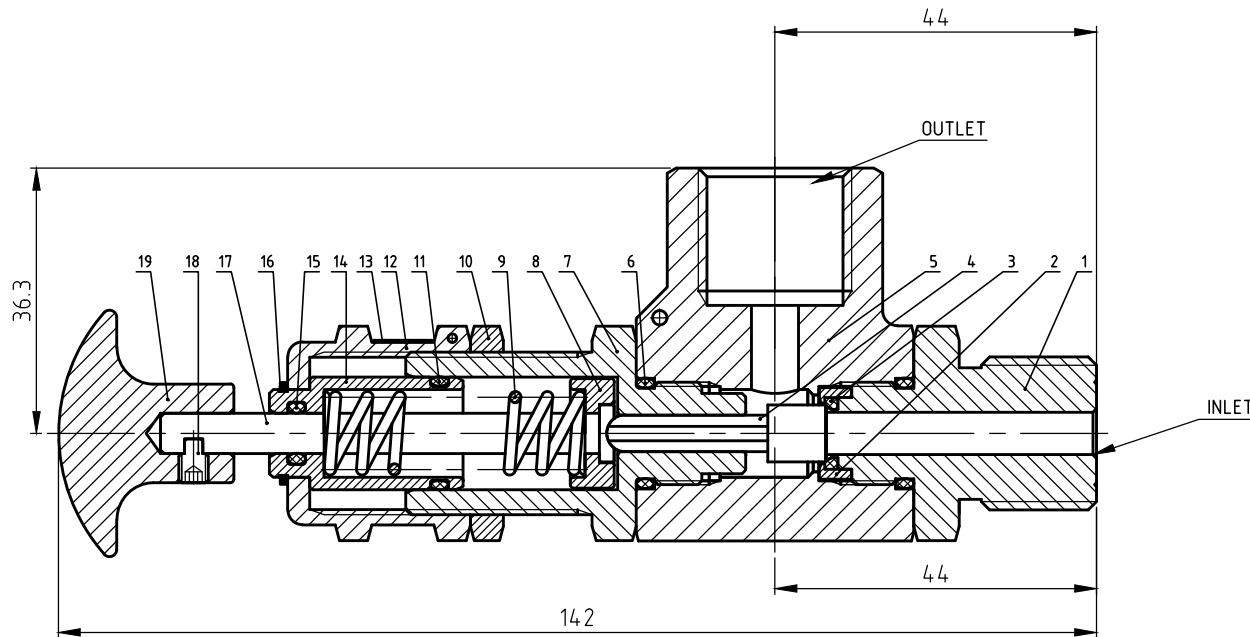
Technical Data:

Setting Pressure Range	5-550psi(0.34-37.9bar)
Orifice Size	5.8mm
Inlet Size	G1/2
outlet Size	G1/2(F)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 250 (121)	550 (37.9)		

A	Mar.14.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Proportional Relief Valves		
		Model	RV4-MBP8-FBP8-05S-GM-316-4BAR		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Connector	316 S.S./ASTM A479
2	Shroud Ring	316 S.S./ASTM A479
3	O-Ring	FVMQ
4	Stem	316 S.S./ASTM A479
5	Body	316 S.S./ASTM A182
6	O-Ring	FVMQ
7	Bonnet	316 S.S./ASTM A479
8	Spring Support	316 S.S./ASTM A276
9	Spring	S17700 S.S./AMS 5678
10	Lock Nut	316 S.S./ASTM A276
11	O-Ring	FVMQ
12	Bonnet Cap	316 S.S./ASTM A479
13	Lable	Polyester
14	Spring Holder	316 S.S./ASTM A276
15	O-Ring	FVMQ
16	Retaining Ring	304 S.S./ASTM A240
17	Pull Rod	316L S.S./ASTM A276
18	Screw	304L S.S./ASTM A276
19	Handle	6061

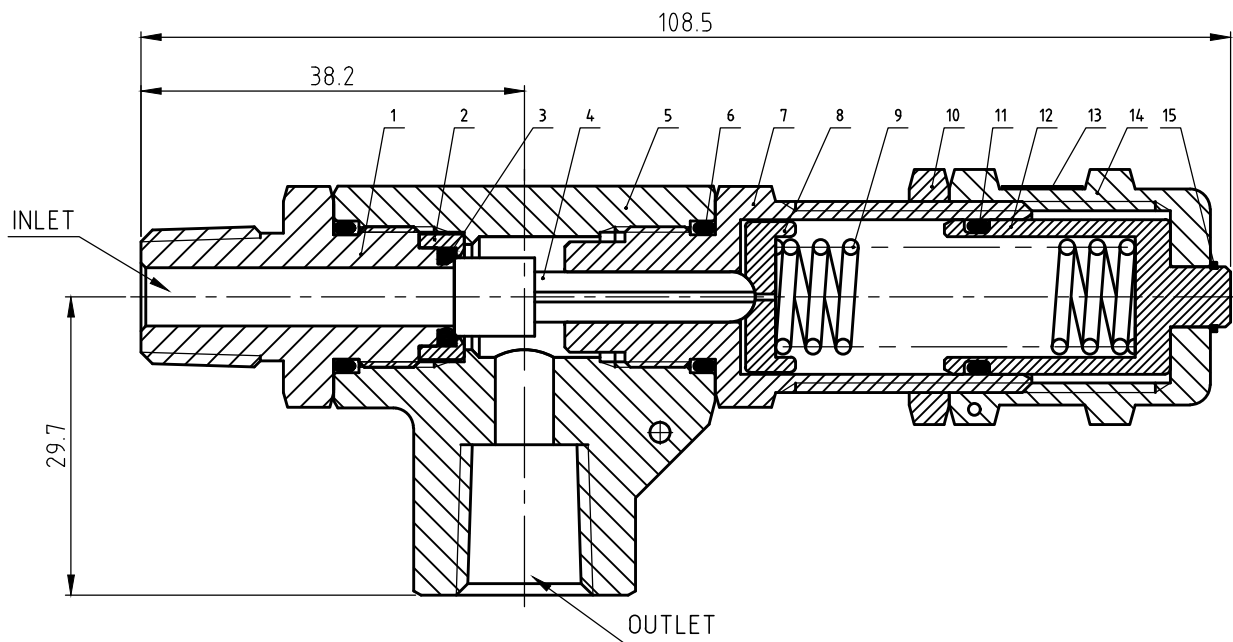
Technical Data:

Setting Pressure Range	5-550psi(0.34-37.9bar)
Orifice Size	5.8mm
Inlet Size	G1/2
outlet Size	G1/2(F)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 250 (121)	550 (37.9)		

A	Mar.14.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Proportional Relief Valves		
		Model	RV4-MBP8-FBP8-05S-GM-316-8BAR		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Fitting	316 S.S./ASTM 479
2	Shroud Ring	316 S.S./ASTM A479
3	O-Ring	FVMQ
4	Stem	316 S.S./ASTM A479
5	Body	316 S.S./ASTM A182
6	O-Ring	FVMQ
7	Bonnet	316 S.S./ASTM A479
8	Spring Support	316 S.S./ASTM A479
9	Spring	S17700 S.S./AMS 5678
10	Lock Nut	630 S.S./ASTM B783
11	O-Ring	FVMQ
12	Spring Holder	316 S.S./ASTM A479
13	Lable	Polyester
14	Bonnet Cap	316 S.S./ASTM A479
15	Retaining Ring	304 S.S./ASTM A240

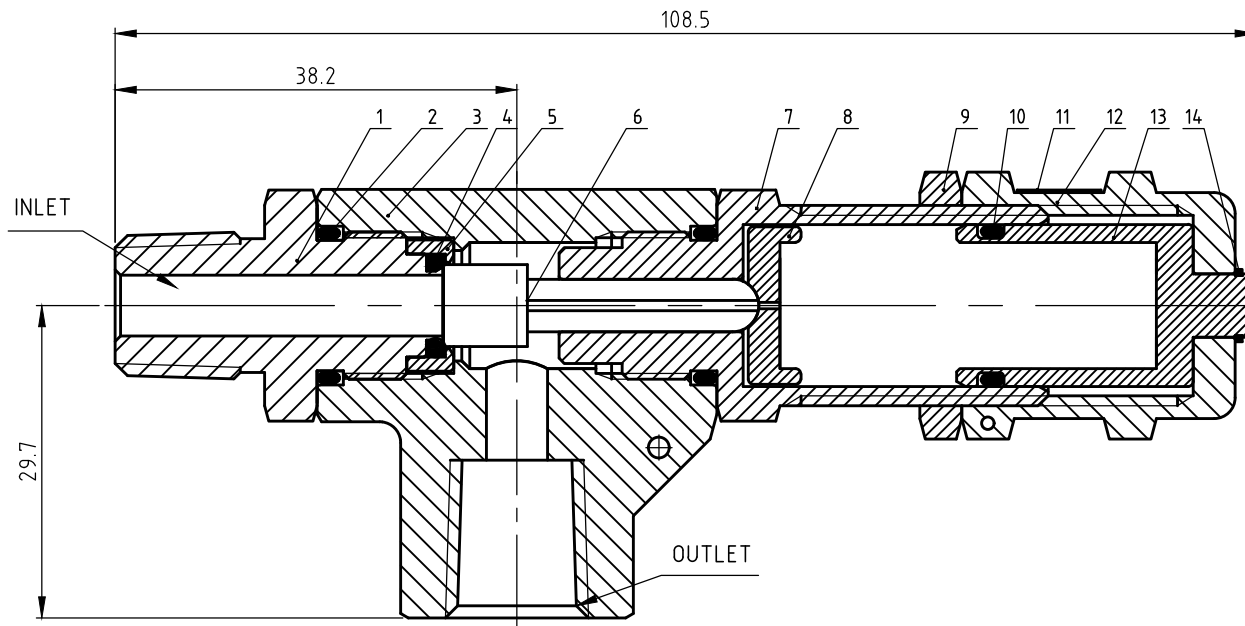
Technical Data:

Setting Pressure Range	5-300psi(0.34-20.6bar)
Orifice Size	5.8mm
Temperature Range °F (°C)	-76 (-60) to 250(121)
Inlet Size	1/4 NPT
outlet Size	1/4 NPT(F)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)

A	Aug.31.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Proportional Relief Valves		
		Model	RV4-NPT4-FNPT4-05S-G-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Fitting	316.S.S/ASTM 479
2	O-Ring	FKM
3	Body	316.S.S/ASTM A182
4	O-Ring	FKM
5	Seat	316.S.S/ASTM A479
6	Stem	316.S.S/ASTM A479
7	Bonnet	316.S.S/ASTM A479
8	Spring Support	316.S.S/ASTM A479
9	Lock Nut	630.S.S/ASTM B783
10	O-Ring	FKM
11	Lable	Polyester
12	Bonnet Cap	316.S.S/ASTM A479
13	Spring Holder	316.S.S/ASTM A479
14	Retaining Ring	304.S.S/ASTM A240

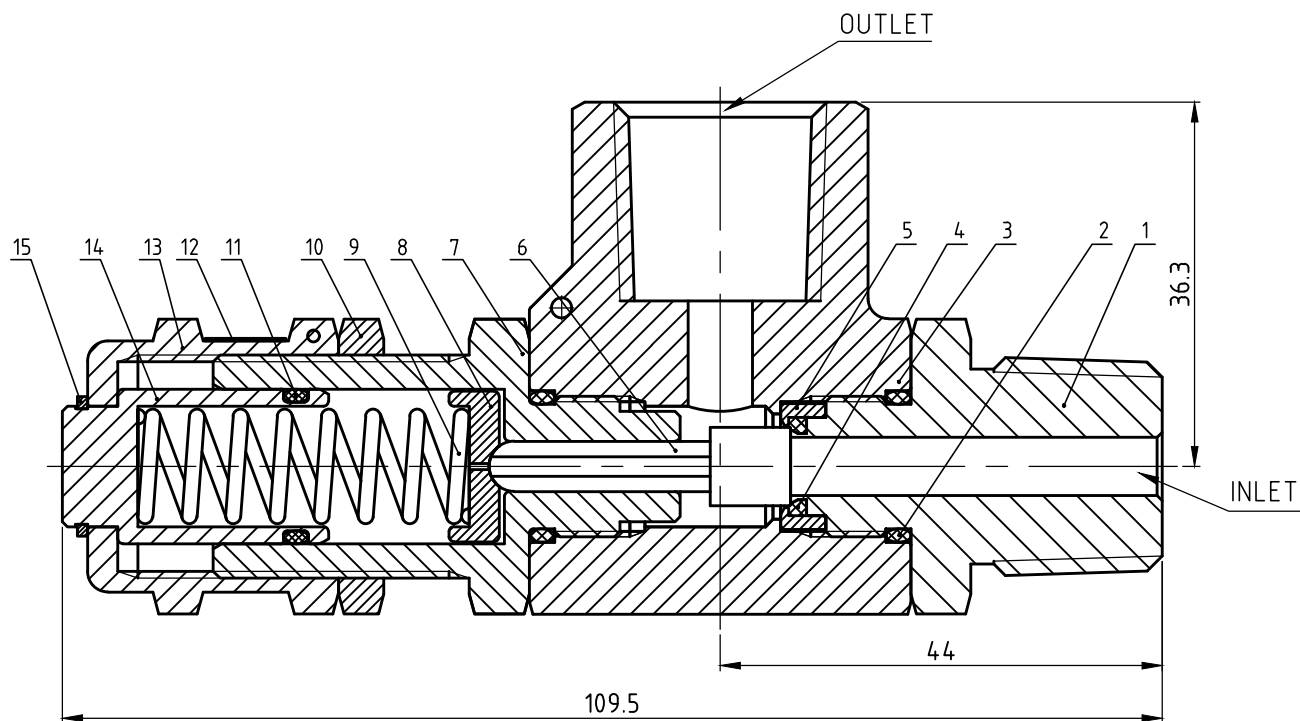
Technical Data:

Orifice Size	5.8mm
Temperature Range °F (°C)	-20 (-29) to 400(204)
Inlet Size	1/4 NPT
outlet Size	1/4 NPT(F)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)

A	Jul.27.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Proportional Relief Valves		
		Model	RV4-NPT4-FNPT4-05V-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Fitting	316 S.S./ASTM 479
2	O-Ring	FVMQ
3	Body	316 S.S./ASTM 479
4	O-Ring	FVMQ
5	Seat	316 S.S./ASTM A479
6	Stem	316 S.S./ASTM A479
7	Bonnet	316 S.S./ASTM A479
8	Spring Support	316 S.S./ASTM A479
9	Spring	631 S.S./ASTM 313
10	Lock Nut	630 S.S./ASTM B783
11	O-Ring	FVMQ
12	Lable	Polyester
13	Bonnet Cap	316 S.S./ASTM A479
14	Spring Holder	316 S.S./ASTM A479
15	Retaining Ring	304 S.S./ASTM A240

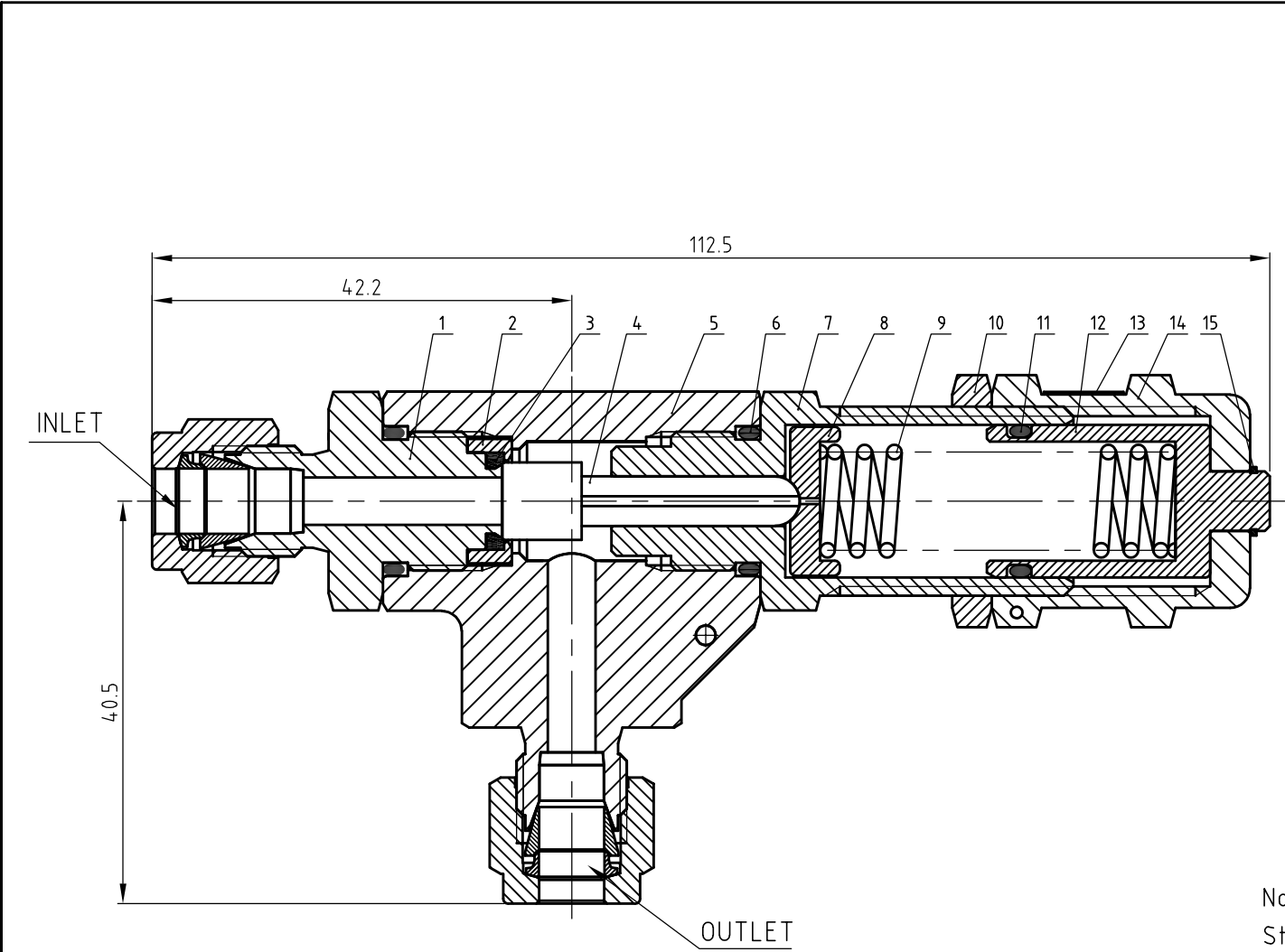
Technical Data:

Setting Pressure Range	5-300psi(0.34-20.6bar)
Orifice Size	5.8mm
Temperature Range °F (°C)	-76 (-60) to 250(121)
Inlet Size	1/2 NPT
outlet Size	1/2 NPT(F)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)

A	Nov.08.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Proportional Relief Valves		
		Model	RV4-NPT8-FNPT8-05S-G-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Fitting	316.S.S/ASTM 479
2	Seat	316.S.S/ASTM 479
3	O-Ring	FVMQ
4	Stem	316.S.S/ASTM A479
5	Body	316.S.S/ASTM A182
6	O-Ring	FVMQ
7	Bonnet	316.S.S/ASTM A479
8	Spring Support	316.S.S/ASTM A479
9	Spring	631.S.S/ASTM 313
10	Lock Nut	630.S.S/ASTM B783
11	O-Ring	FVMQ
12	Lable	Polyester
13	Bonnet Cap	316.S.S/ASTM A479
14	Spring Holder	316.S.S/ASTM A479
15	Retaining Ring	304.S.S/ASTM A240

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

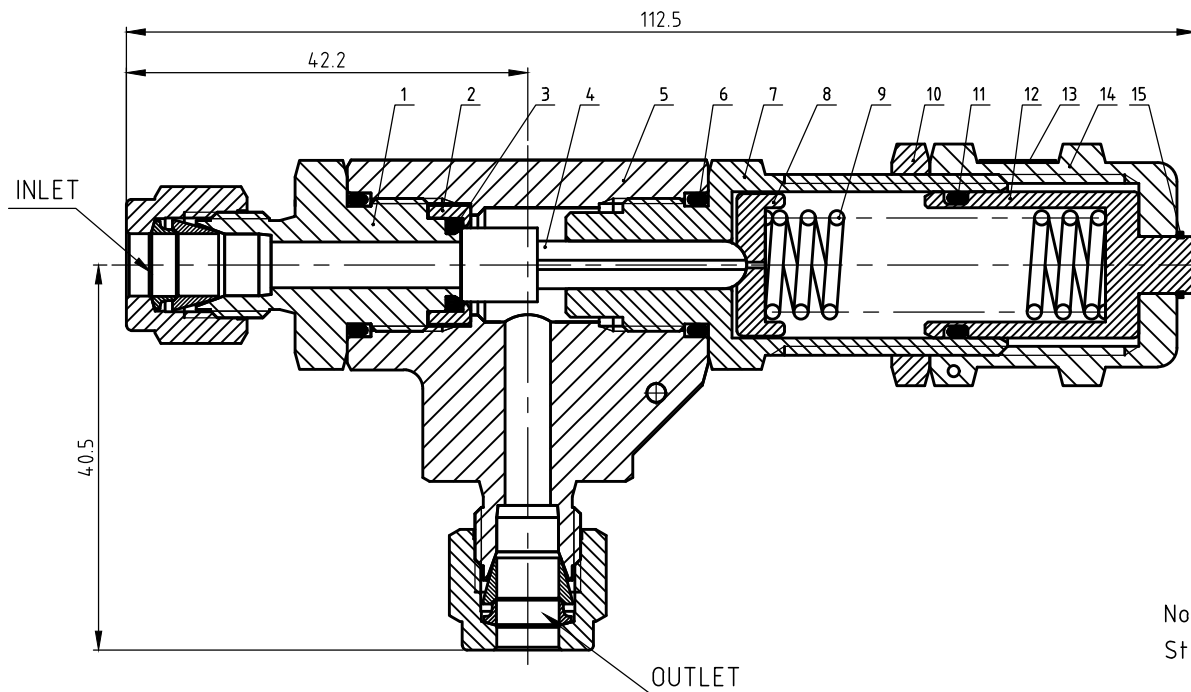
Technical Data:

Setting Pressure Range	5-300psi(0.34-20.7bar)
Orifice Size	5.8mm
Inlet Size	0.D.1/4"
outlet Size	0.D.1/4"

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 250 (121)	550 (37.9)		

A	May.23.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Proportional Relief Valves		
		Model	RV4-F4-05S-G-316-NACE		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Fitting	316.S.S/ASTM 479
2	Seat	316.S.S/ASTM 479
3	O-Ring	FKM
4	Stem	316.S.S/ASTM A479
5	Body	316.S.S/ASTM A182
6	O-Ring	FKM
7	Bonnet	316.S.S/ASTM A479
8	Spring Support	316.S.S/ASTM A479
9	Spring	631.S.S/ASTM 313
10	Lock Nut	630.S.S/ASTM B783
11	O-Ring	FKM
12	Lable	Polyester
13	Bonnet Cap	316.S.S/ASTM A479
14	Spring Holder	316.S.S/ASTM A479
15	Retaining Ring	304.S.S/ASTM A240

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

Technical Data:

Setting Pressure Range	5-300psi(0.34-20.7bar)
Orifice Size	5.8mm
Inlet Size	O.D.1/4"
outlet Size	O.D.1/4"

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
25 (-4) to 250 (121)	550 (37.9)		

A	Apr.7.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Proportional Relief Valves		
		Model	RV4-F4-05V-G-316-NACE		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		