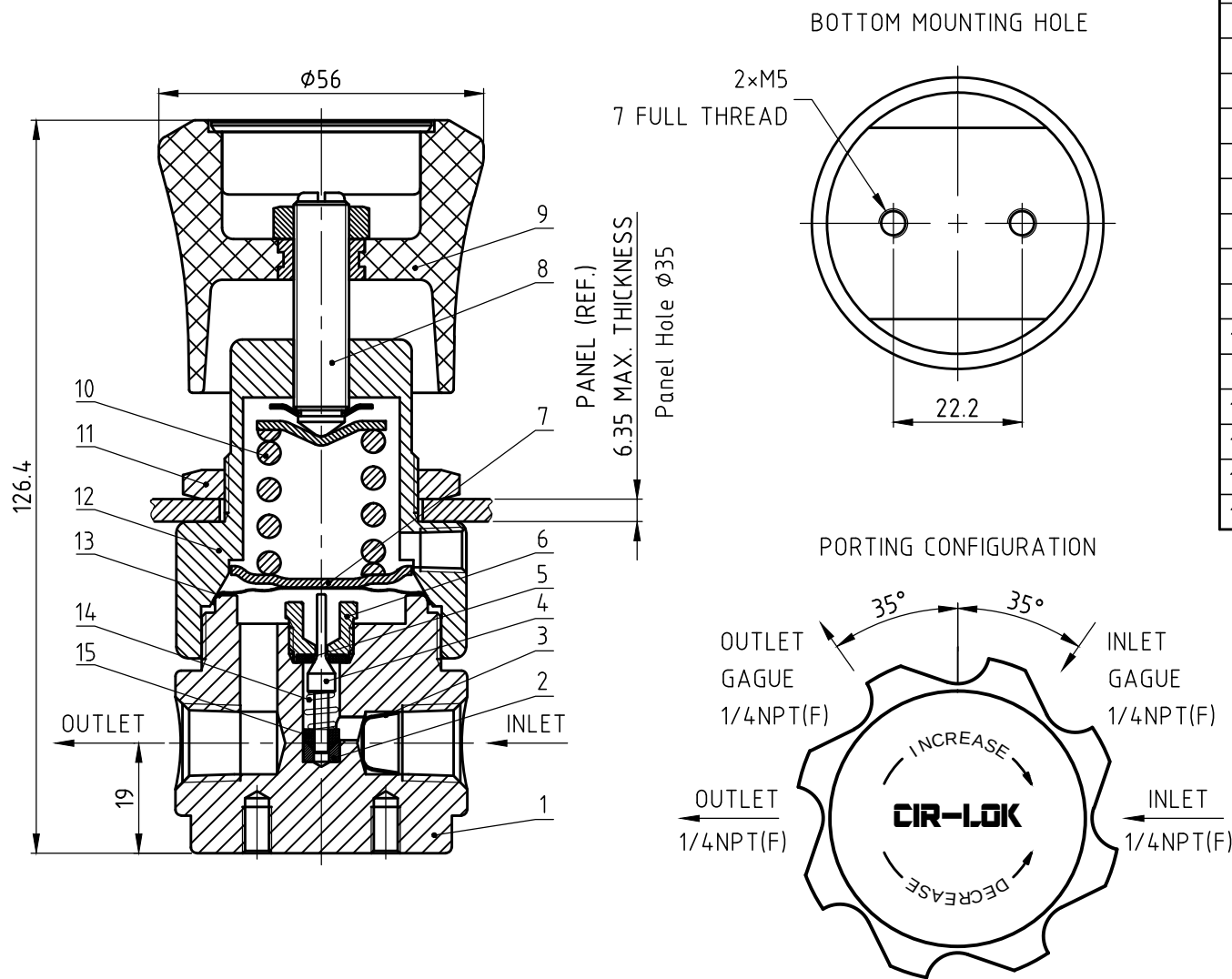




Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Spring Seat	316.S.S/ASTM A276
3	Filter Element	316.S.S/ASTM A313
4	Main Valve Stem	316.S.S/ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316.S.S/ASTM A276
7	Spring Seat	316.S.S/ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630.S.S/ASTM B783
12	Bonnet	316.S.S/ASTM A276
13	Diaphragm	316.S.S/ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

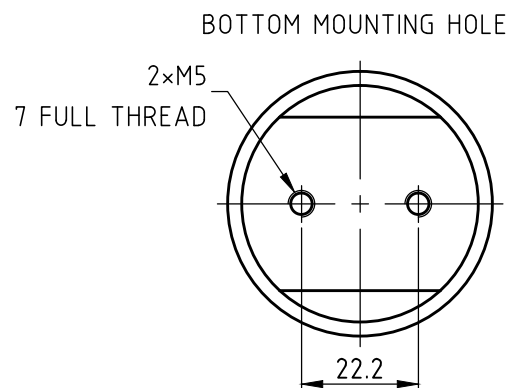
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~250psi (0~17.2bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.06

Pressure vs. Temperature Ratings:

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

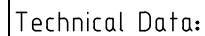
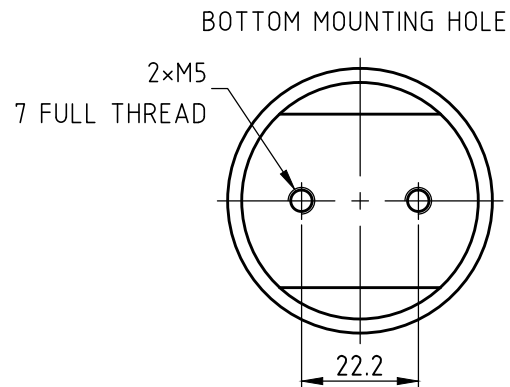
A	May.13.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-B-3250-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Pressure vs. Temperature Ratings:

Component		Material Grade
1	Body	316.S.S./ASTM A479
2	Spring Seat	316.S.S./ASTM A276
3	Filter Element	316.S.S./ASTM A313
4	Main Valve Stem	316.S.S./ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316.S.S./ASTM A276
7	Spring Seat	316.S.S./ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630.S.S./ASTM B783
12	Bonnet	316.S.S./ASTM A276
13	Diaphragm	316.S.S./ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710
16	Pressure Gauge	316.S.S

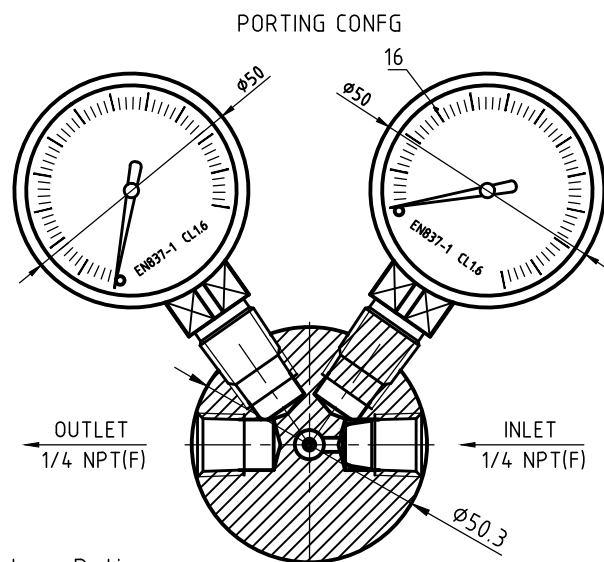
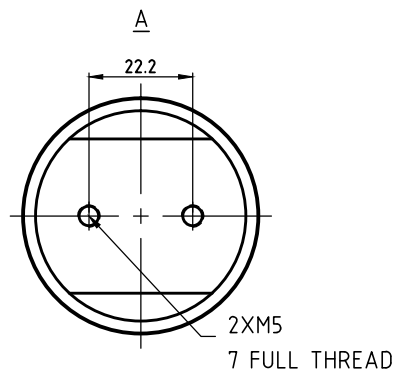
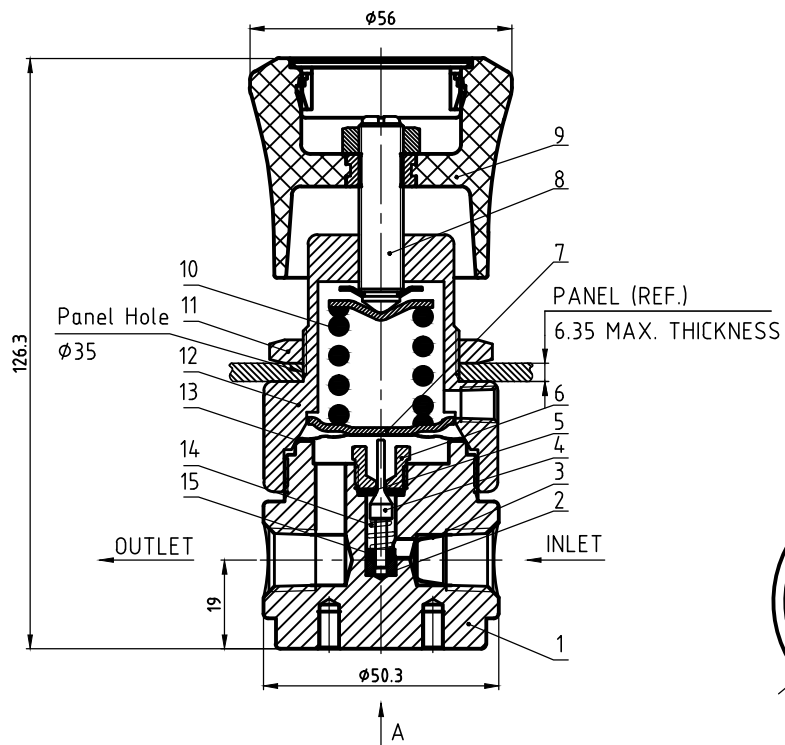
A	May.13.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-B-3250G-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Pressure vs. Temperature Ratings:

Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Spring Seat	316.S.S/ASTM A276
3	Filter Element	316.S.S/ASTM A313
4	Main Valve Stem	316.S.S/ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316.S.S/ASTM A276
7	Spring Seat	316.S.S/ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630.S.S/ASTM B783
12	Bonnet	316.S.S/ASTM A276
13	Diaphragm	316.S.S/ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710
16	Pressure Gauge	316.S.S

A	May.13.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-B-3250G-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 Spring Seat	316.S.S/ASTM A276
3 Filter Element	316.S.S/ASTM A313
4 Main Valve Stem	316.S.S/ASTM A276
5 Seat	PCTFE/ASTM D1430
6 Seat Retainer	316.S.S/ASTM A276
7 Spring Seat	316.S.S/ASTM A240
8 Stem	C36000/ASTM B16
9 Handle	PA66
10 Spring	631/ASTM A313
11 Nut	316.S.S/ASTM B783
12 Bonnet	316.S.S/ASTM A276
13 Diaphragm	316.S.S/ASTM A240
14 Spring	X-750/AMS 5678
15 Shock Absorber	PTFE/ASTM D1710
16 Pressure gauge	316.S.S

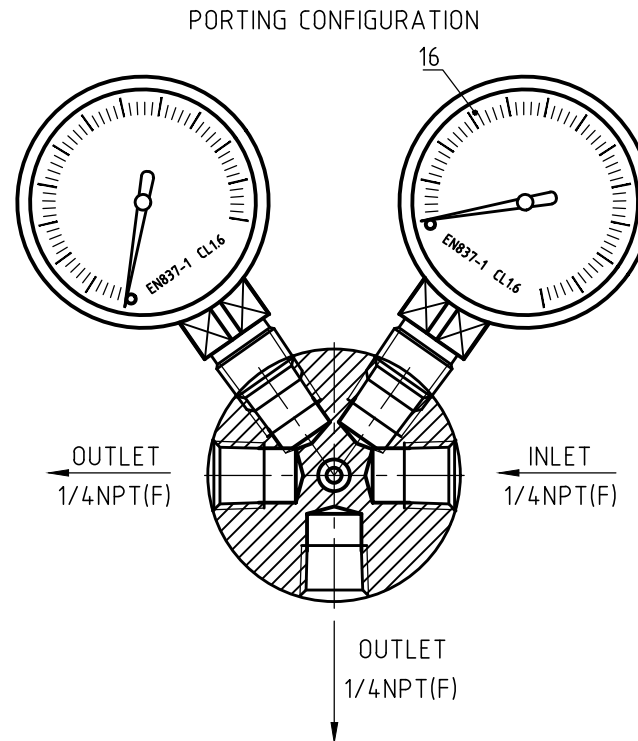
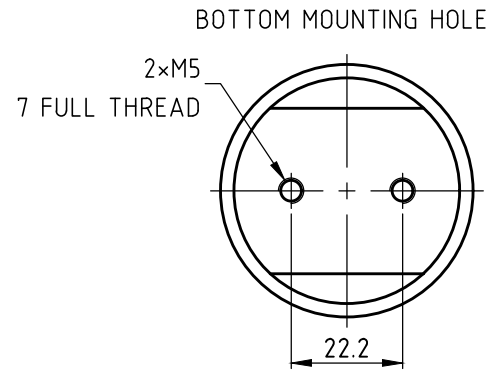
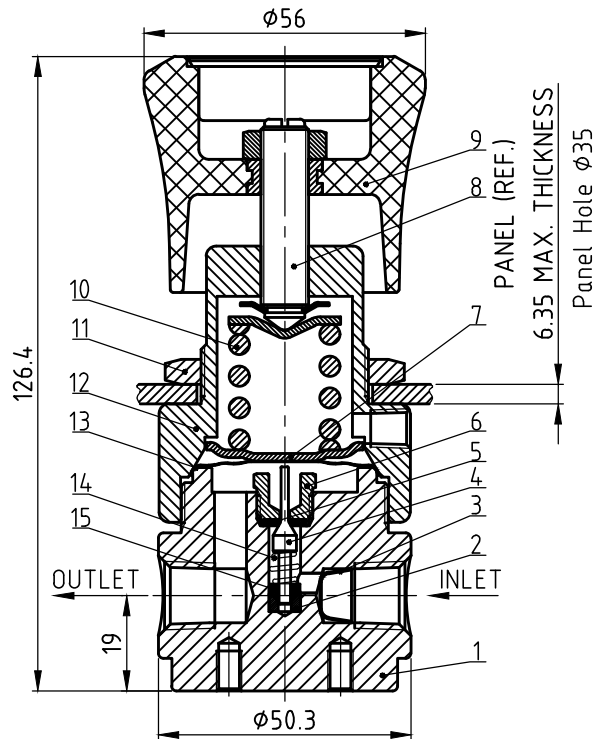
Technical Data:

Max. WP	3500Psi (241bar)
Temperature Range	-76~176°F (-60~80°C)
Outlet Pressure Ranges	0~250psi (0~17.2bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ atm cc/sec
Cv	0.06

Pressure vs. Temperature Ratings:

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

A	Jun.18.2021				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-B-3250G-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

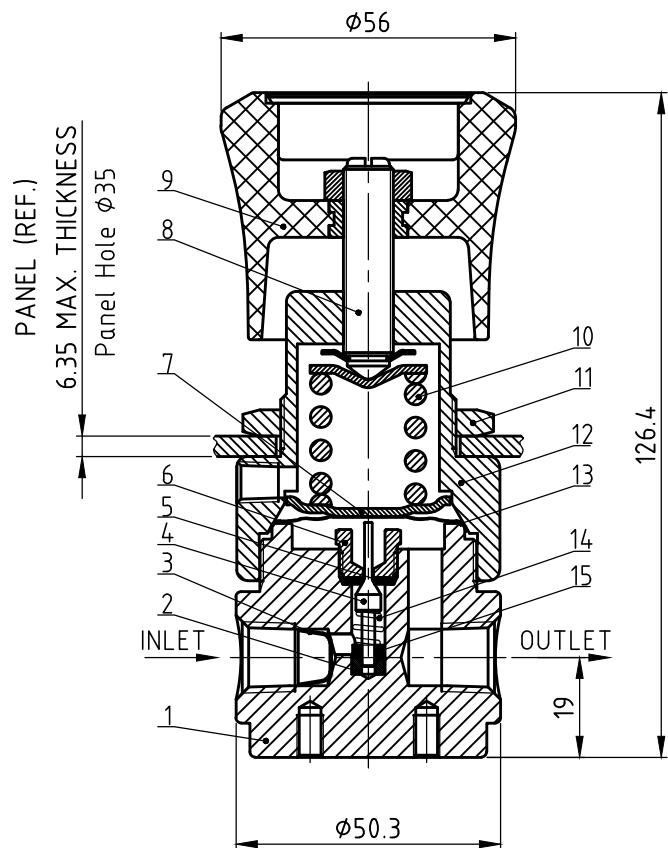


Technical Data:

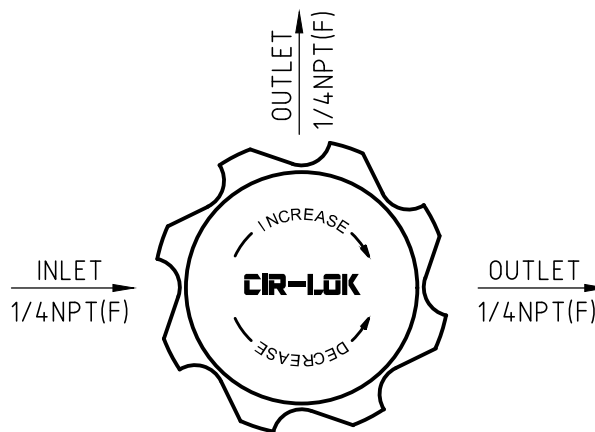
Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~100psi (0~6.8bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.06

Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Spring Seat	316 S.S./ASTM A276
3	Filter Element	316 S.S./ASTM A313
4	Main Valve Stem	316 S.S./ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316 S.S./ASTM A276
7	Spring Seat	316 S.S./ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630 S.S./ASTM B783
12	Bonnet	316 S.S./ASTM A276
13	Diaphragm	316 S.S./ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710
16	Pressure Gauge	316 S.S.

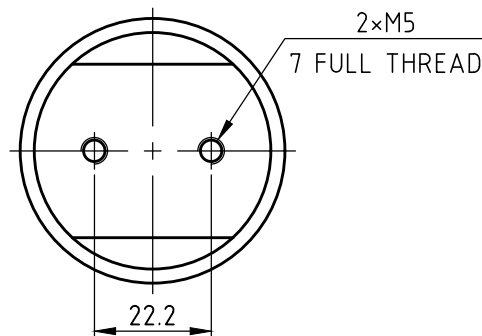
A	Feb.26,2025				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-F-3100G-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



PORTING CONFIGURATION



BOTTOM MOUNTING HOLE



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Spring Seat	316 S.S./ASTM A276
3	Filter Element	316 S.S./ASTM A313
4	Main Valve Stem	316 S.S./ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316 S.S./ASTM A276
7	Spring Seat	316 S.S./ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630 S.S./ASTM B783
12	Bonnet	316 S.S./ASTM A276
13	Diaphragm	316 S.S./ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

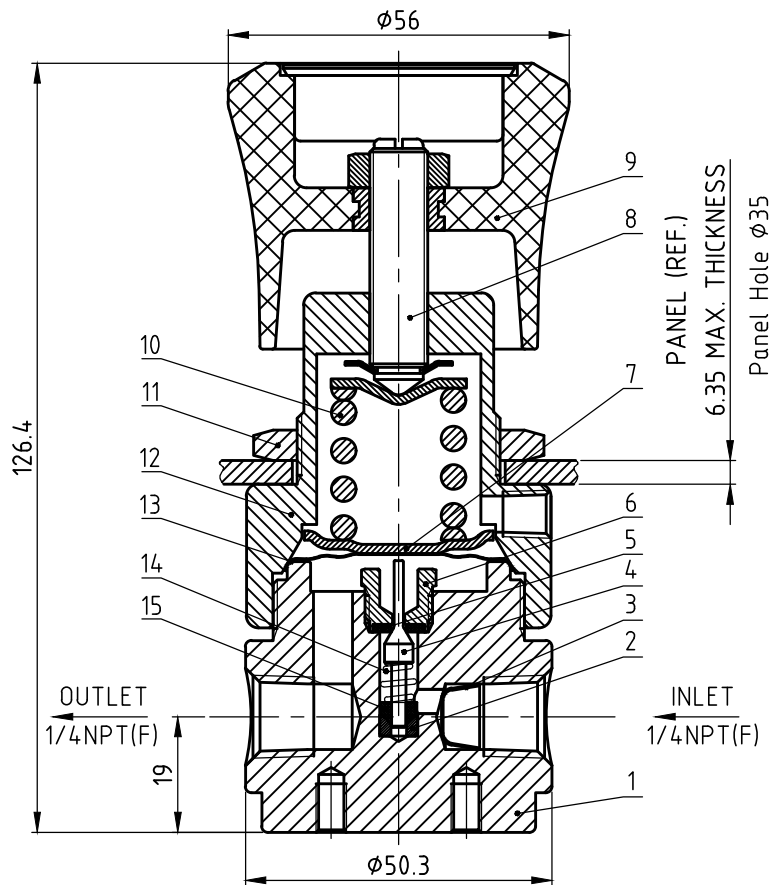
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~50psi (0~3.4bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.06

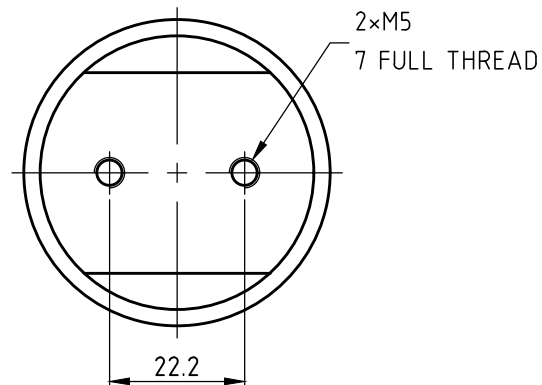
Pressure vs. Temperature Ratings:

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

A	May.25.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-L1-350-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



BOTTOM MOUNTING HOLE



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Spring Seat	316 S.S./ASTM A276
3	Filter Element	316 S.S./ASTM A313
4	Main Valve Stem	316 S.S./ASTM A276
5	Seat	PCTFE
6	Seat Retainer	316 S.S./ASTM A479
7	Spring Seat	316 S.S./ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630 S.S./ASTM B783
12	Bonnet	316 S.S./ASTM A276
13	Diaphragm	316 S.S./ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

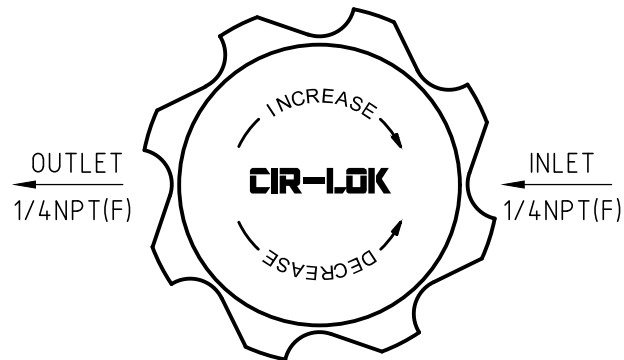
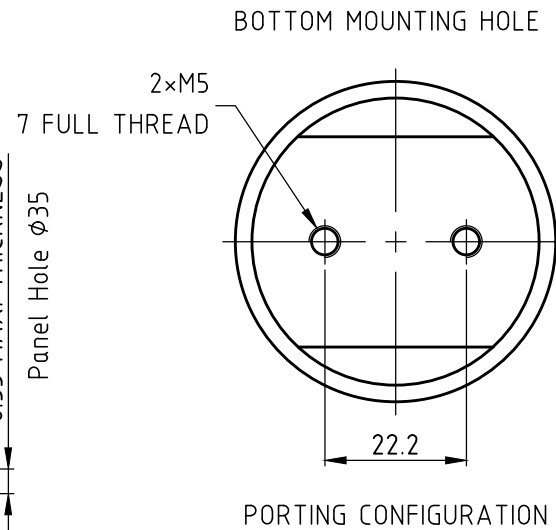
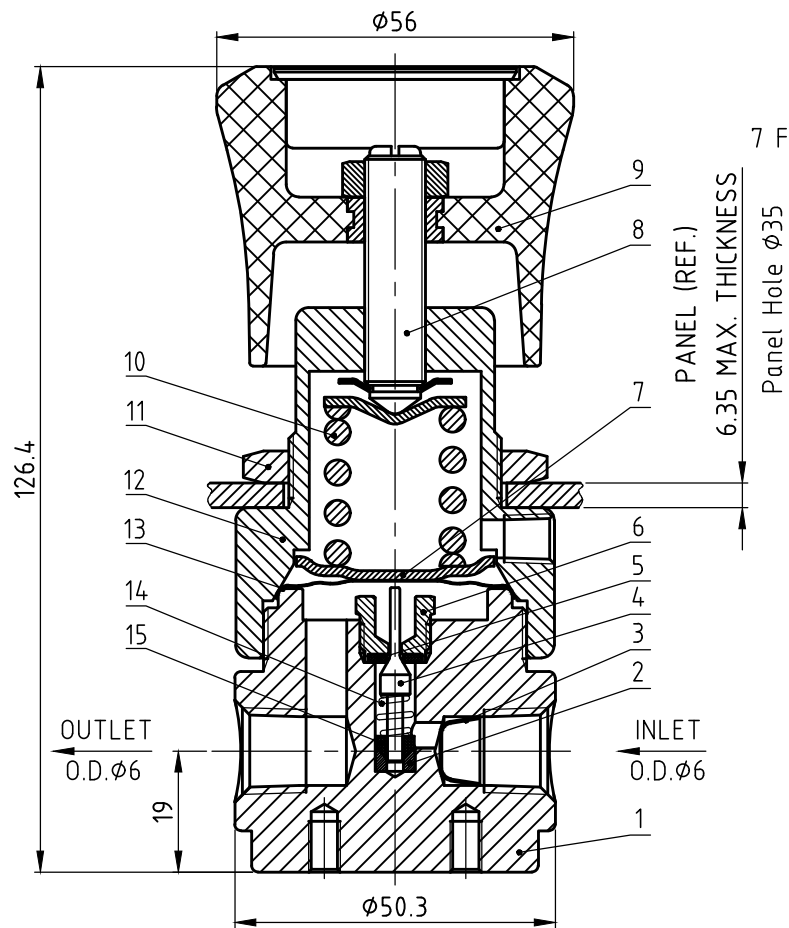
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~100psi (0~6.9bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.06

Pressure vs. Temperature Ratings:

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

A	Sep.25.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-N-3100-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Spring Seat	316 S.S./ASTM A276
3	Filter Element	316 S.S./ASTM A313
4	Main Valve Stem	316 S.S./ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316 S.S./ASTM A479
7	Spring Seat	316 S.S./ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630 S.S./ASTM B783
12	Bonnet	316 S.S./ASTM A276
13	Diaphragm	316 S.S./ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

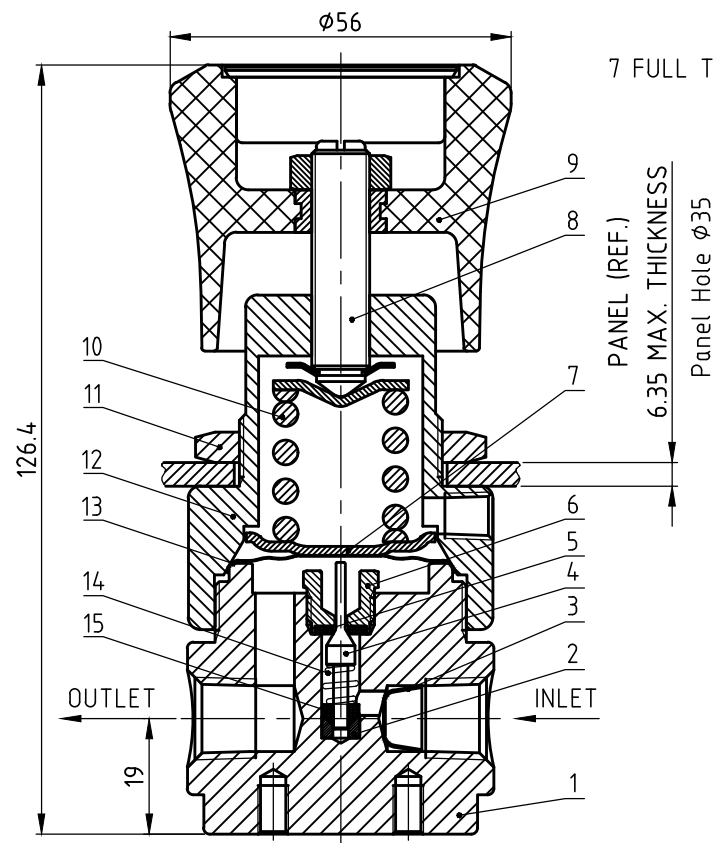
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-76~176°F (-60℃~80℃)
Outlet Pressure Ranges	0~100psi (0~6.9bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.06

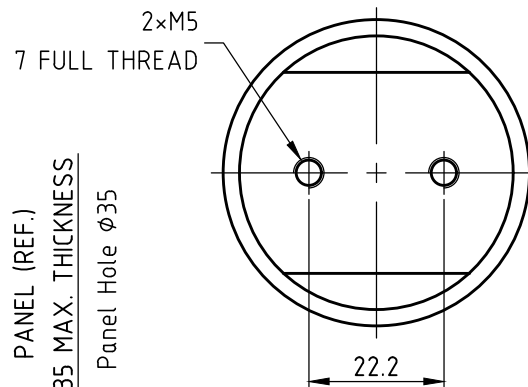
Pressure vs. Temperature Ratings:

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

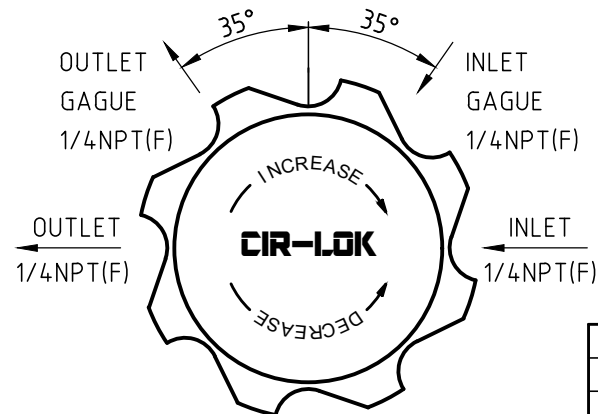
A	Dec.26.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-N-3100-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



BOTTOM MOUNTING HOLE



PORTING CONFIGURATION

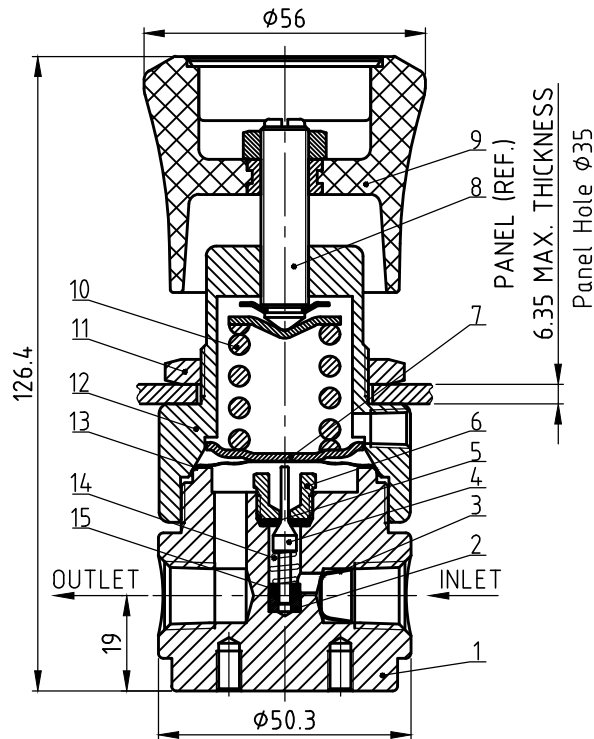


Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Spring Seat	316 S.S./ASTM A479
3	Filter Element	316 S.S./ASTM A313
4	Main Valve Stem	316 S.S./ASTM A479
5	Seat	PCTFE
6	Seat Retainer	316 S.S./ASTM A479
7	Spring Seat	316 S.S./ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630 S.S./ASTM B783
12	Bonnet	316 S.S./ASTM A276
13	Diaphragm	316 S.S./ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

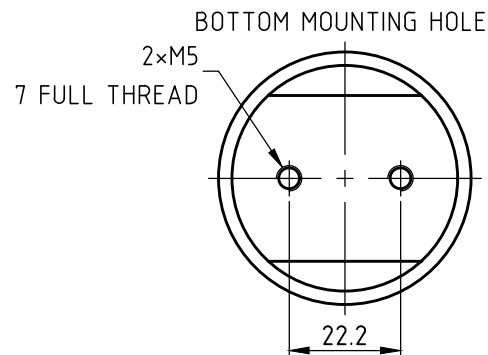
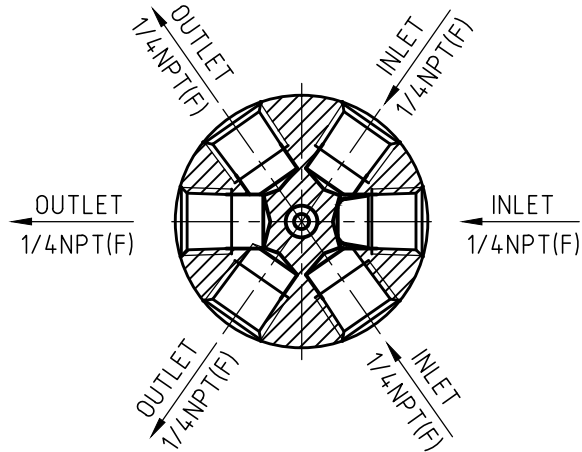
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-76~176°F (-60℃~80℃)
Outlet Pressure Ranges	0~500psi (0~34.5bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.06

A	Nov.08,2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-N-3500-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



PORTING CONFIGURATION

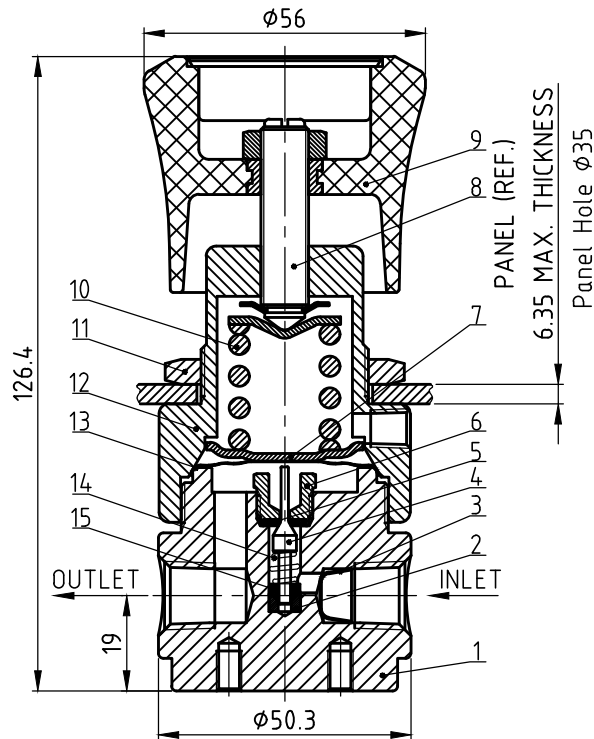


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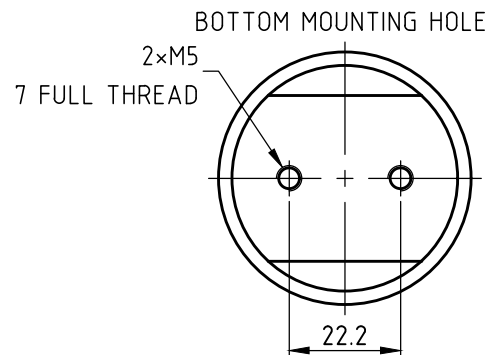
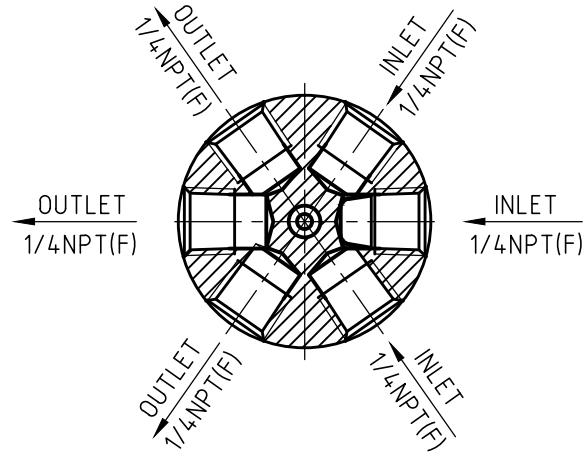
Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~50psi (0~3.4bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2×10^{-8} std cm ³ /s He
Cv	0.06

Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Spring Seat	316 S.S./ASTM A276
3	Filter Element	316 S.S./ASTM A313
4	Main Valve Stem	316 S.S./ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316 S.S./ASTM A276
7	Spring Seat	316 S.S./ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630 S.S./ASTM B783
12	Bonnet	316 S.S./ASTM A276
13	Diaphragm	316 S.S./ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

A	Feb.26,2025				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-S-350-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



PORTING CONFIGURATION



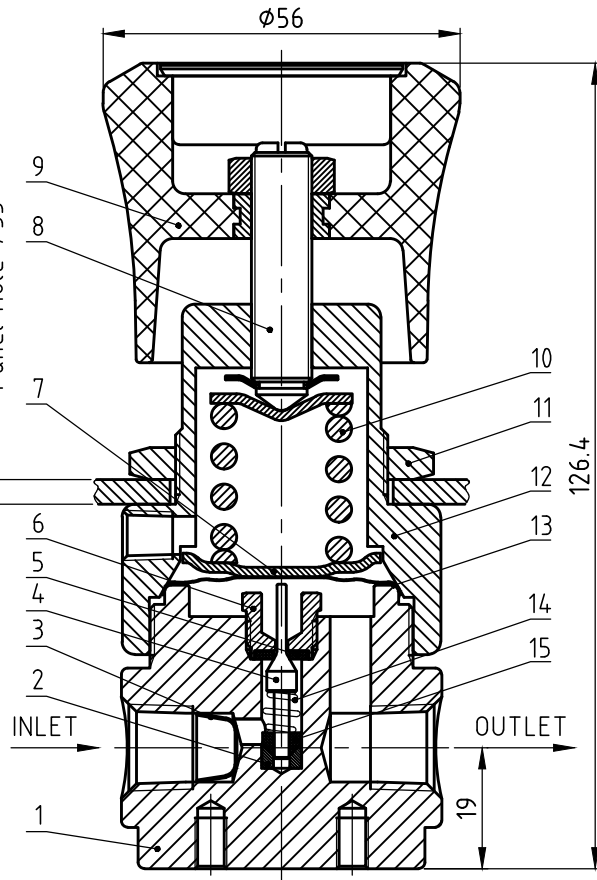
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~500psi (0~34.5bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2×10^{-8} std cm ³ /s He
Cv	0.06

Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Spring Seat	316 S.S./ASTM A276
3	Filter Element	316 S.S./ASTM A313
4	Main Valve Stem	316 S.S./ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316 S.S./ASTM A276
7	Spring Seat	316 S.S./ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630 S.S./ASTM B783
12	Bonnet	316 S.S./ASTM A276
13	Diaphragm	316 S.S./ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

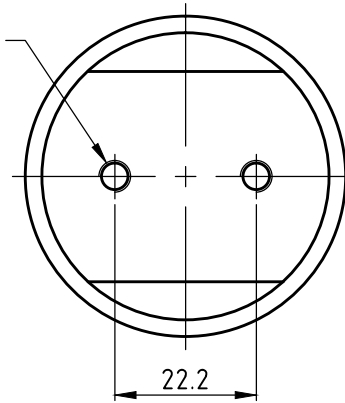
A	Feb.26,2025				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-S-3500-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

PANEL (REF.)
6.35 MAX. THICKNESS
Panel Hole $\phi 35$

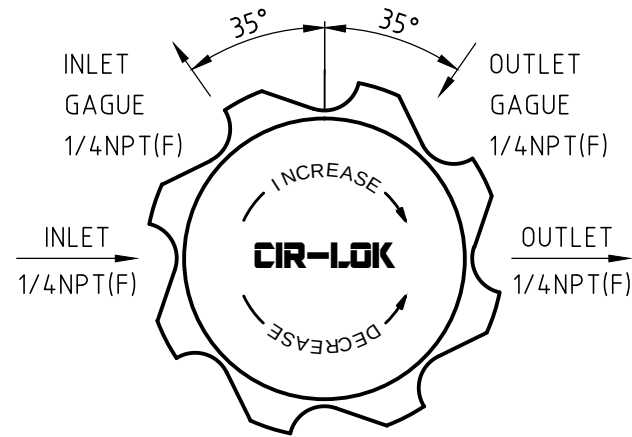


BOTTOM MOUNTING HOLE

2xM5



PORTING CONFIGURATION



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Spring Seat	316.S.S/ASTM A276
3	Filter Element	316.S.S/ASTM A313
4	Main Valve Stem	316.S.S/ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316.S.S/ASTM A276
7	Spring Seat	316.S.S/ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630.S.S/ASTM B783
12	Bonnet	316.S.S/ASTM A276
13	Diaphragm	316.S.S/ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

Technical Data:

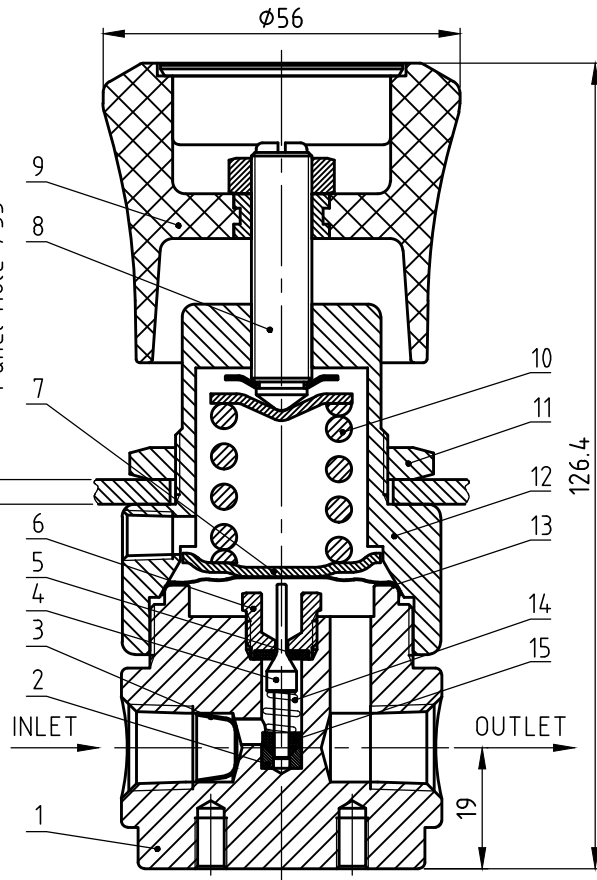
Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~50psi (0~1.7bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2×10^{-8} std cm ³ /s He
Cv	0.2

Pressure vs. Temperature Ratings:

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

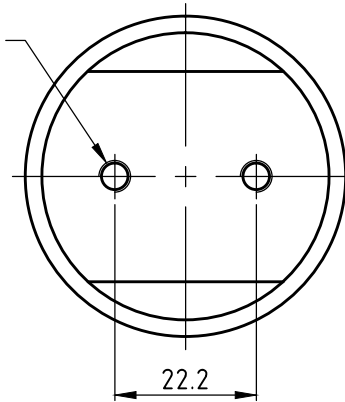
A	Jul.27.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-0.2B1-350-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

PANEL (REF.)
6.35 MAX. THICKNESS
Panel Hole $\phi 35$

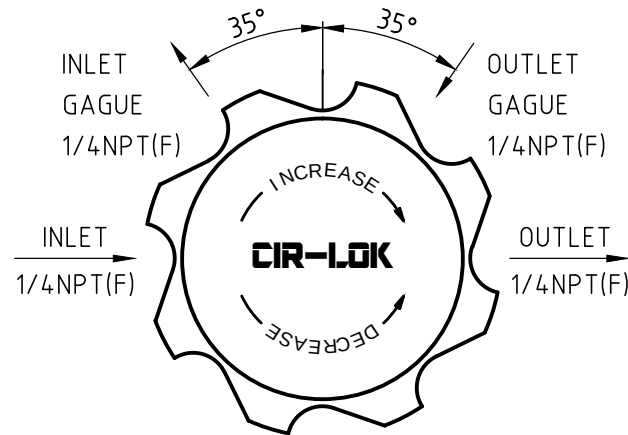


BOTTOM MOUNTING HOLE

2xM5



PORTING CONFIGURATION



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Spring Seat	316.S.S/ASTM A276
3	Filter Element	316.S.S/ASTM A313
4	Main Valve Stem	316.S.S/ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316.S.S/ASTM A276
7	Spring Seat	316.S.S/ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630.S.S/ASTM B783
12	Bonnet	316.S.S/ASTM A276
13	Diaphragm	316.S.S/ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

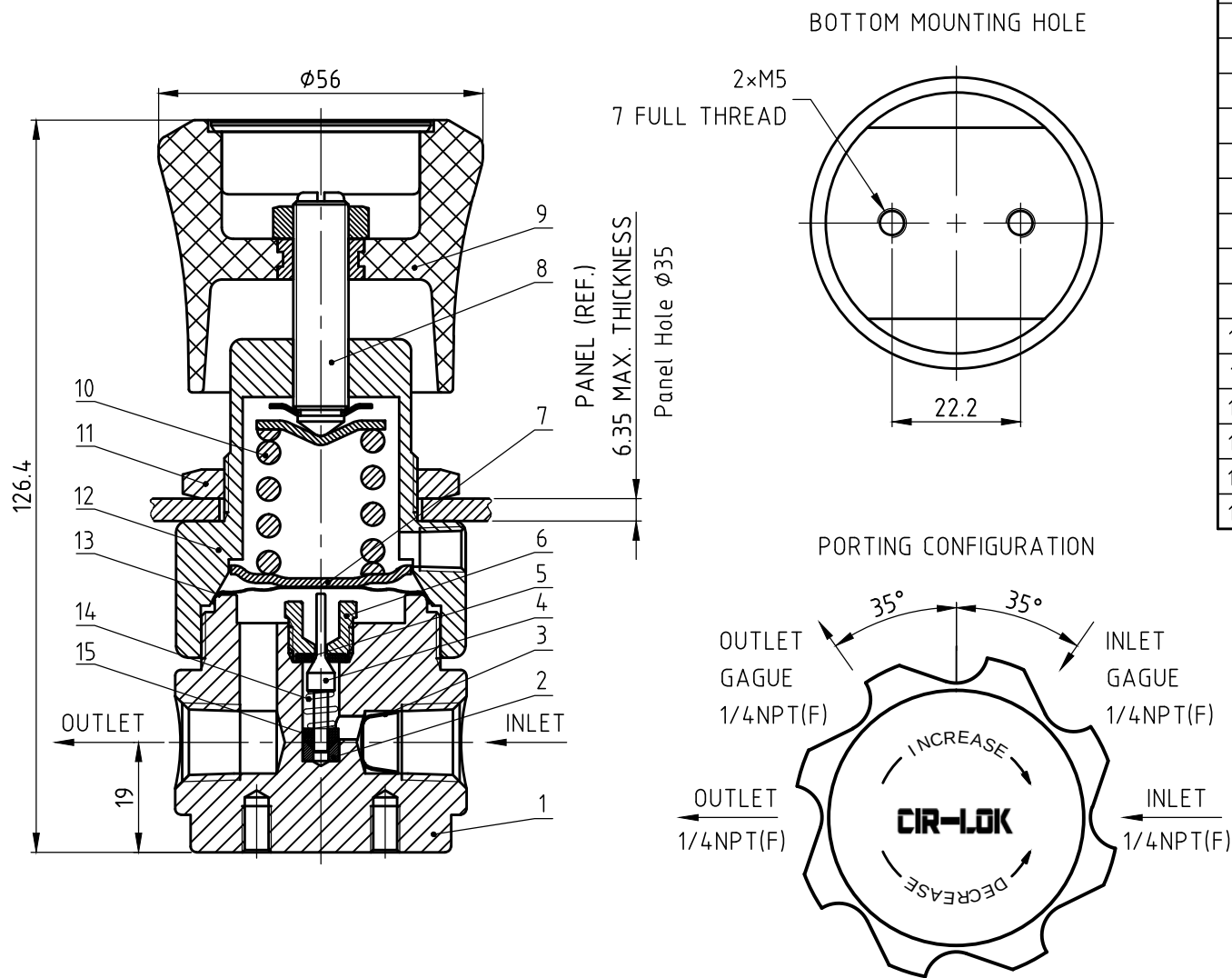
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~250psi (0~17.2bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2×10^{-8} std cm ³ /s He
Cv	0.2

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	Pressure Regulator		
		Model	PR1-FNPT4-0.2B1-3250-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Spring Seat	316.S.S/ASTM A276
3	Filter Element	316.S.S/ASTM A313
4	Main Valve Stem	316.S.S/ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316.S.S/ASTM A276
7	Spring Seat	316.S.S/ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630.S.S/ASTM B783
12	Bonnet	316.S.S/ASTM A276
13	Diaphragm	316.S.S/ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

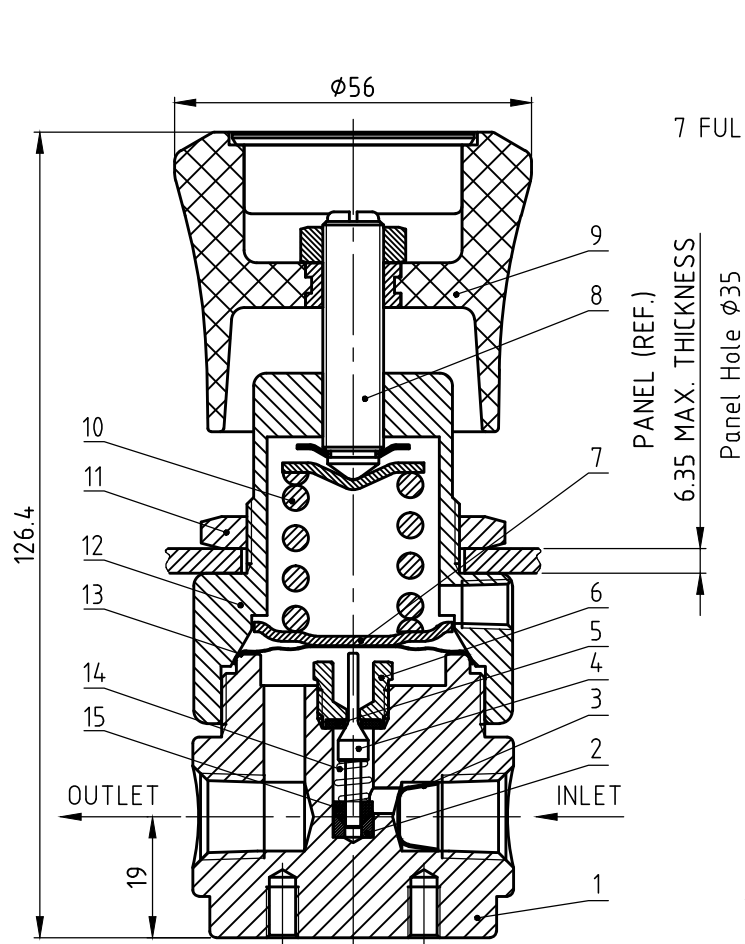
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~25psi (0~1.7bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.2

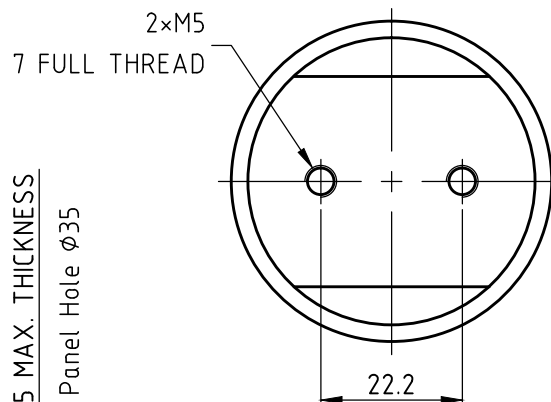
Pressure vs. Temperature Ratings:

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

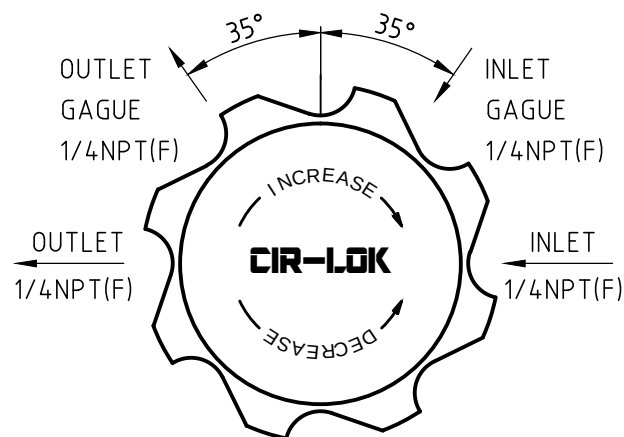
A	Jul.14.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-0.2B-325-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



BOTTOM MOUNTING HOLE



PORTING CONFIGURATION



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Spring Seat	316.S.S/ASTM A276
3	Filter Element	316.S.S/ASTM A313
4	Main Valve Stem	316.S.S/ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316.S.S/ASTM A276
7	Spring Seat	316.S.S/ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630.S.S/ASTM B783
12	Bonnet	316.S.S/ASTM A276
13	Diaphragm	316.S.S/ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

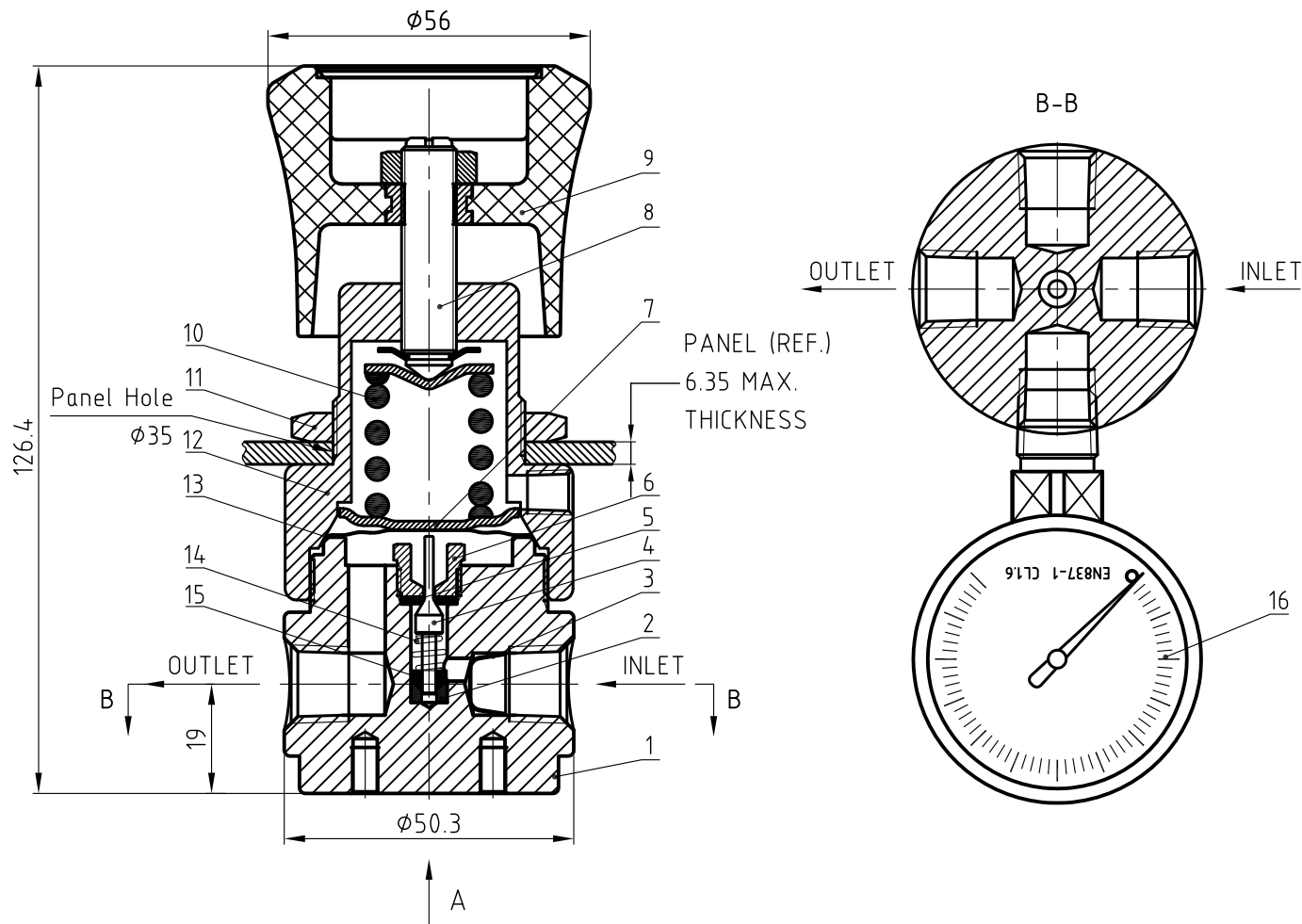
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~250psi (0~17.2bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2×10^{-8} std cm ³ /s He
Cv	0.2

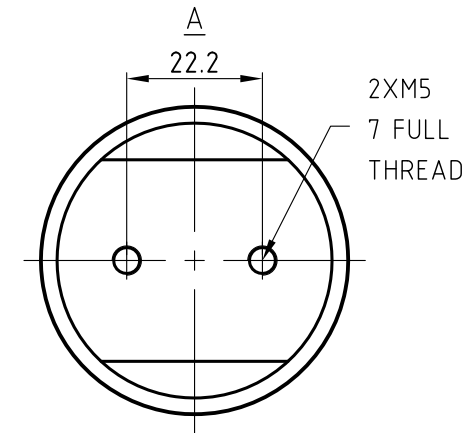
Pressure vs. Temperature Ratings:

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	Pressure Regulator		
		Model	PR1-FNPT4-0.2B-3250-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Spring Seat	316.S.S/ASTM A276
3	Filter Element	316.S.S/ASTM A313
4	Main Valve Stem	316.S.S/ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316.S.S/ASTM A479
7	Spring Seat	316.S.S/ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	631/ASTM A313
11	Nut	316.S.S/ASTM B783
12	Bonnet	316.S.S/ASTM A276
13	Diaphragm	316.S.S/ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710
16	Pressure gauge	316.S.S



Technical Data:

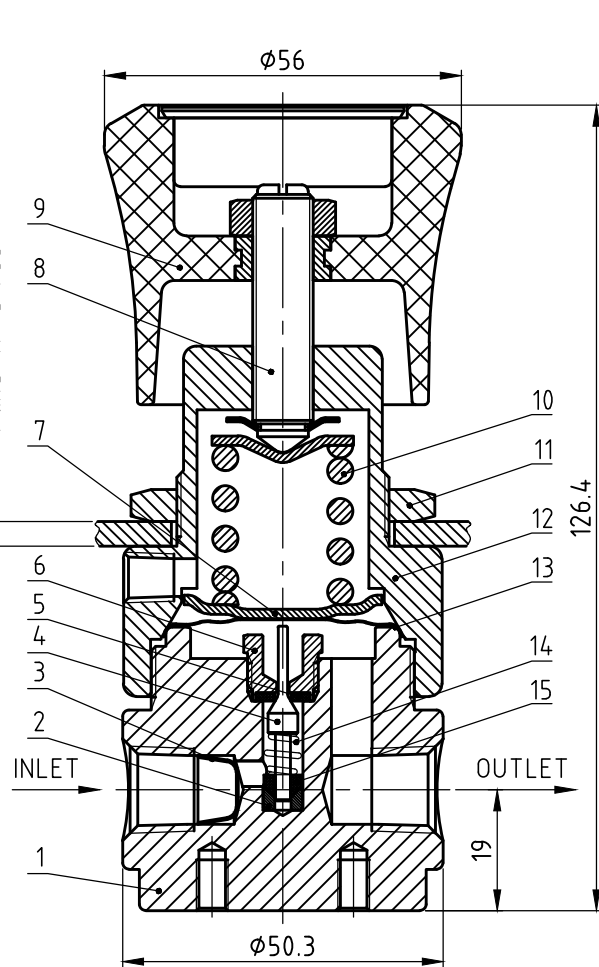
Max. WP	3500Psi (241bar)
Temperature Range	-76~176°F (-60~80°C)
Outlet Pressure Ranges	0~250psi (0~17.2bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.2

Pressure vs. Temperature Ratings:

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

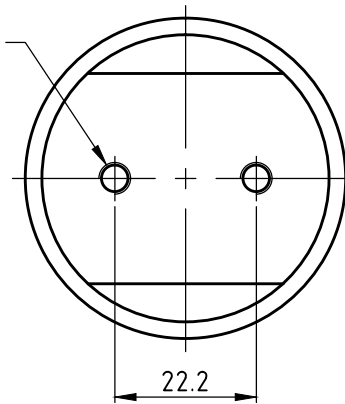
A	Oct.27.2020				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-0.2C1-3250G-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

PANEL (REF.)
6.35 MAX. THICKNESS
Panel Hole $\phi 35$

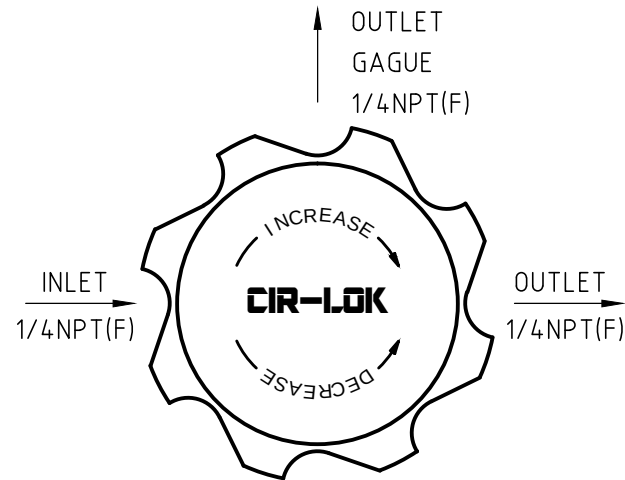


BOTTOM MOUNTING HOLE

2×M5
7 FULL THREAD



PORTING CONFIGURATION



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Spring Seat	316.S.S/ASTM A276
3	Filter Element	316.S.S/ASTM A313
4	Main Valve Stem	316.S.S/ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316.S.S/ASTM A276
7	Spring Seat	316.S.S/ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630.S.S/ASTM B783
12	Bonnet	316.S.S/ASTM A276
13	Diaphragm	316.S.S/ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

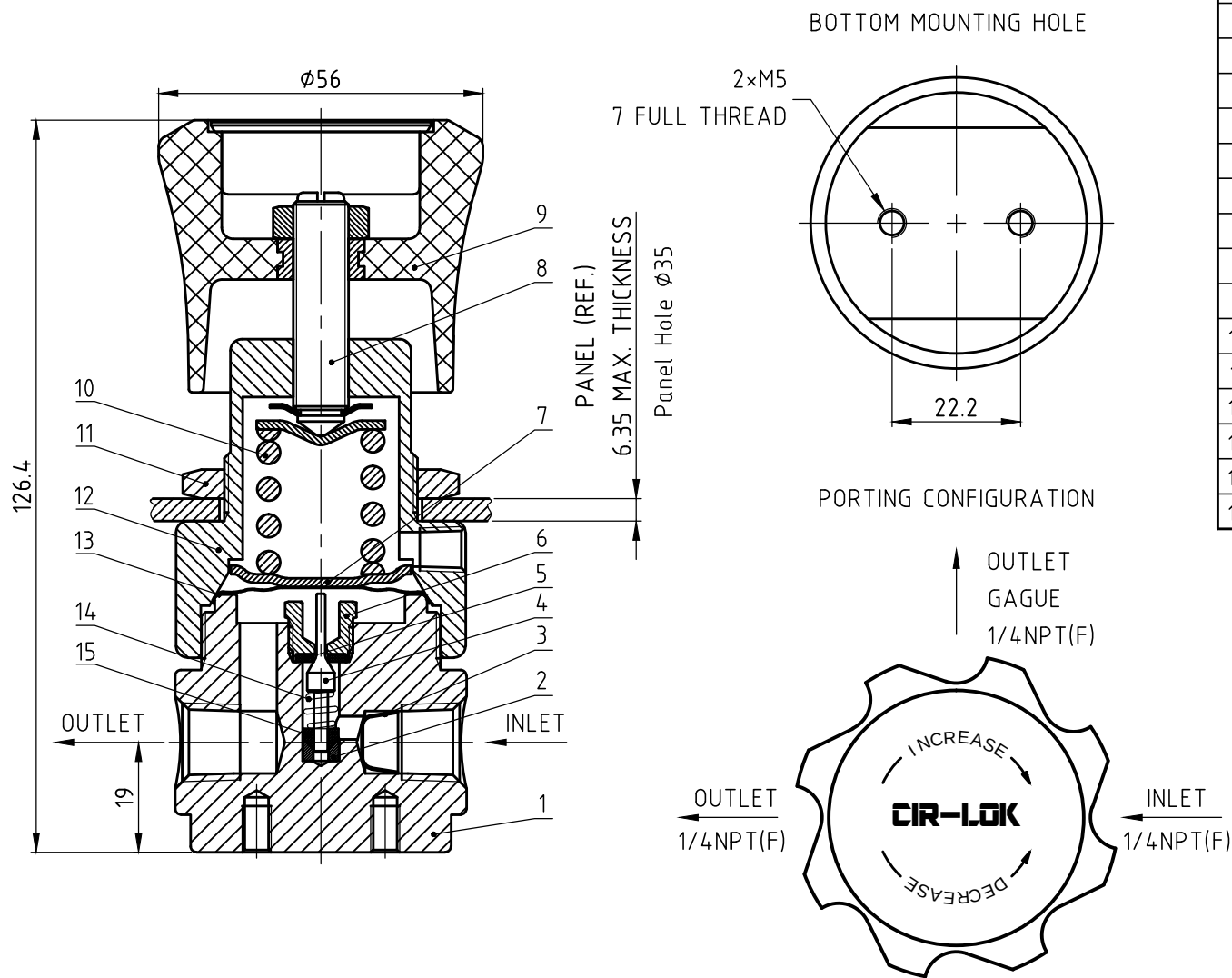
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~500psi (0~34.4bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2×10^{-8} std cm ³ /s He
Cv	0.2

Pressure vs. Temperature Ratings:

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

A	May.31.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-0.2L1-3500-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Spring Seat	316.S.S/ASTM A276
3	Filter Element	316.S.S/ASTM A313
4	Main Valve Stem	316.S.S/ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316.S.S/ASTM A276
7	Spring Seat	316.S.S/ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630.S.S/ASTM B783
12	Bonnet	316.S.S/ASTM A276
13	Diaphragm	316.S.S/ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

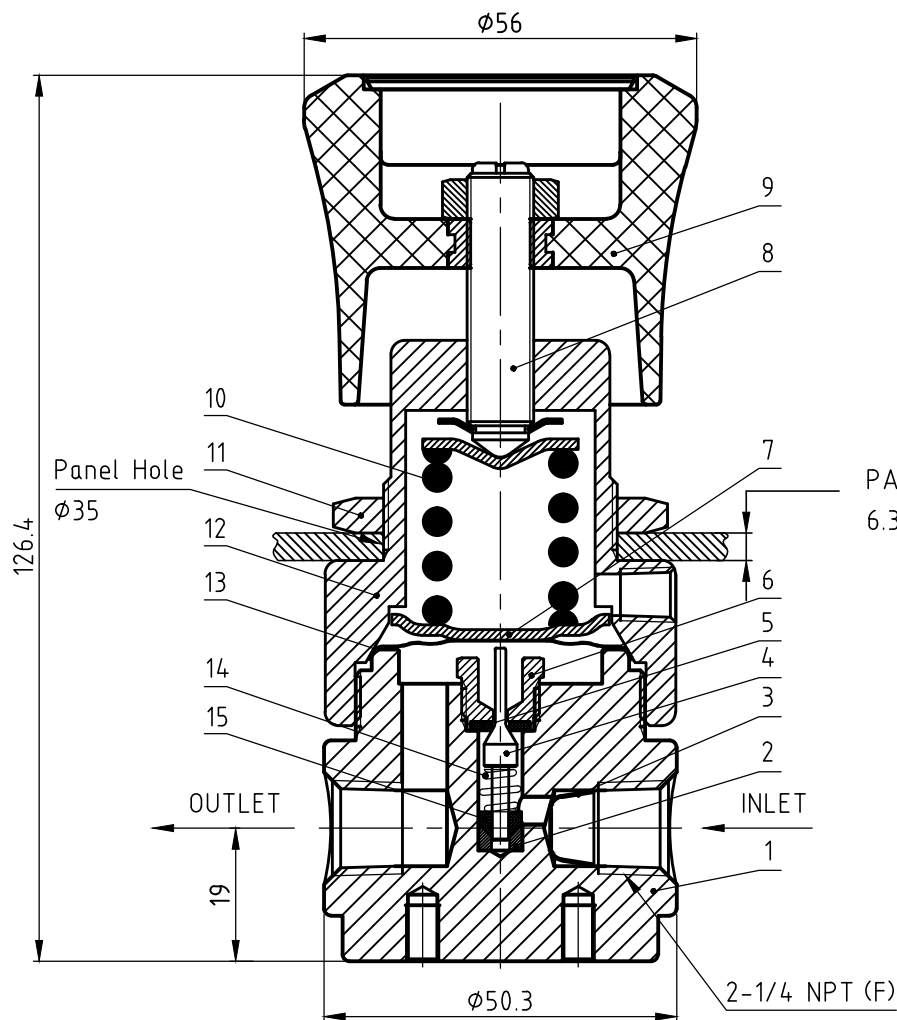
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~500psi (0~34.4bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2×10^{-8} std cm ³ /s He
Cv	0.2

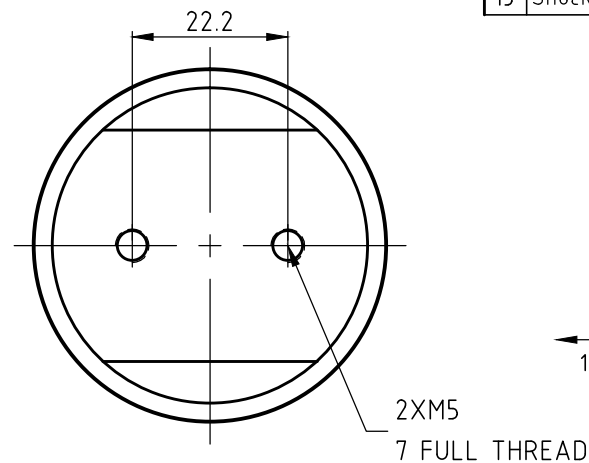
Pressure vs. Temperature Ratings:

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

A	May.31.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-0.2L-3500-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

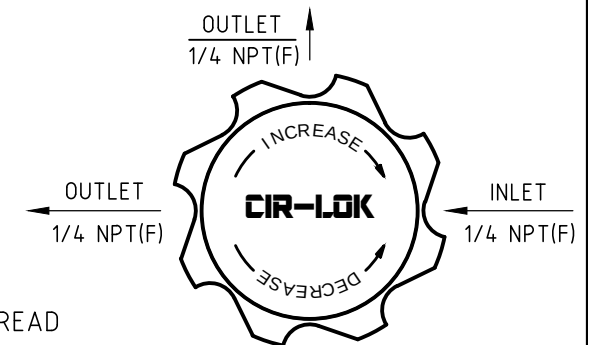


PANEL (REF.)
6.35 MAX. THICKNESS



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Spring Seat	316.S.S/ASTM A276
3	Filter Element	316.S.S/ASTM A313
4	Main Valve Stem	316.S.S/ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316.S.S/ASTM A276
7	Spring Seat	316.S.S/ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	631/ASTM A313
11	Nut	316.S.S/ASTM B783
12	Bonnet	316.S.S/ASTM A276
13	Diaphragm	316.S.S/ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

PORTING CONFIG



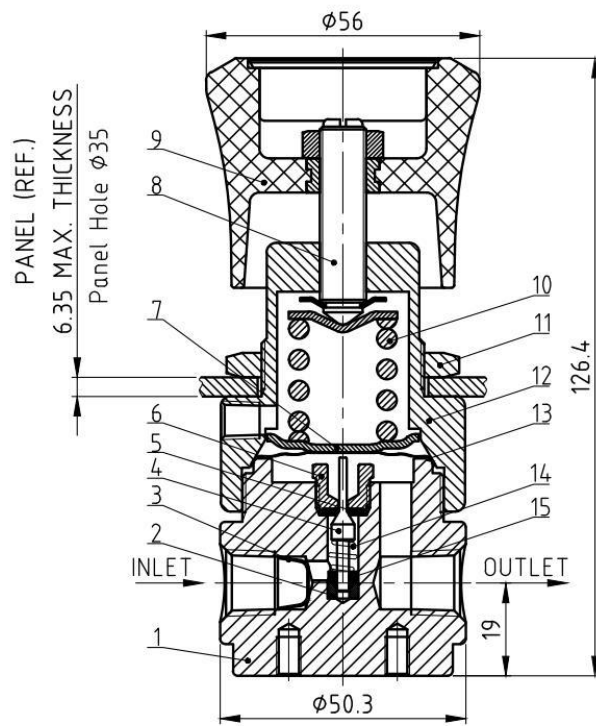
Technical Data:

Max. WP	3000 psi (207bar)
Temperature Range	-76~176°F (-60~80°C)
Outlet Pressure Ranges	0-500 psi (34.5 bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ atm cc/sec
Cv	0.2

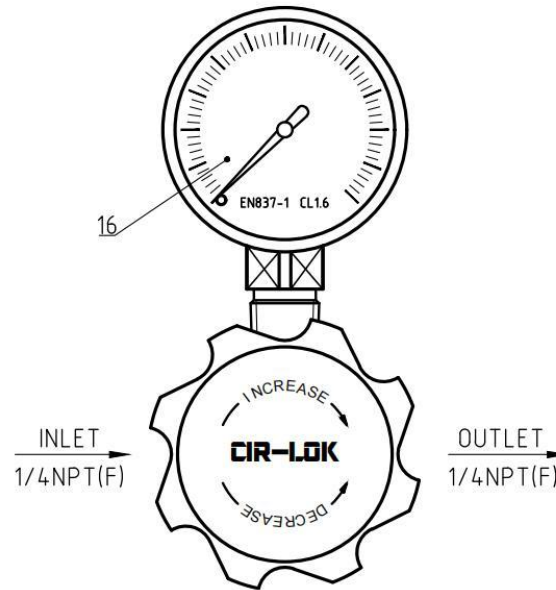
Pressure vs. Temperature Ratings:

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

A	Apr.29.2020				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-0.2L-3500-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

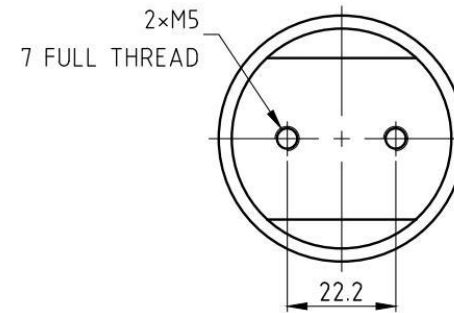


PORTING CONFIGURATION



Component	Material Grade
1 Body	316.S.S/ASTM A479
2 Spring Seat	316.S.S/ASTM A276
3 Filter Element	316.S.S/ASTM A313
4 Main Valve Stem	316.S.S/ASTM A276
5 Seat	PCTFE/ASTM D1430
6 Seat Retainer	316.S.S/ASTM A276
7 Spring Seat	316.S.S/ASTM A240
8 Stem	C36000/ASTM B16
9 Handle	PA66
10 Spring	Galvanized Steel
11 Nut	630.S.S/ASTM B783
12 Bonnet	316.S.S/ASTM A276
13 Diaphragm	316.S.S/ASTM A240
14 Spring	X-750/AMS 5678
15 Shock Absorber	PTFE/ASTM D1710
16 Pressure Gauge	316.S.S

BOTTOM MOUNTING HOLE



Technical Data:

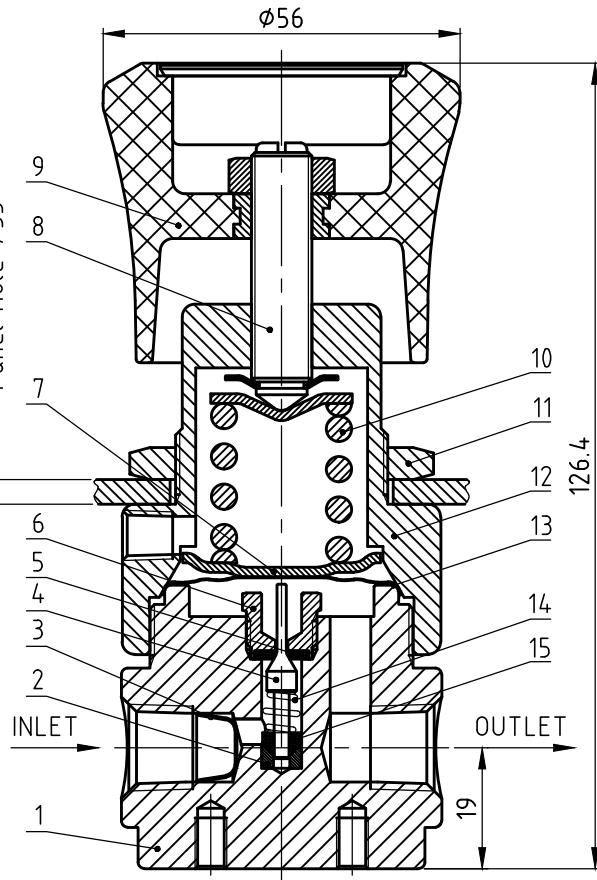
Maximum Inlet Pressure	3600psi (248bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~250psi (0~17.2bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.5

Pressure vs. Temperature Ratings:

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

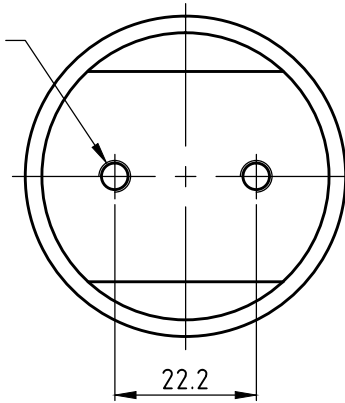
A	Nov.25.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-0.5L1-3250G-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

PANEL (REF.)
6.35 MAX. THICKNESS
Panel Hole Ø35

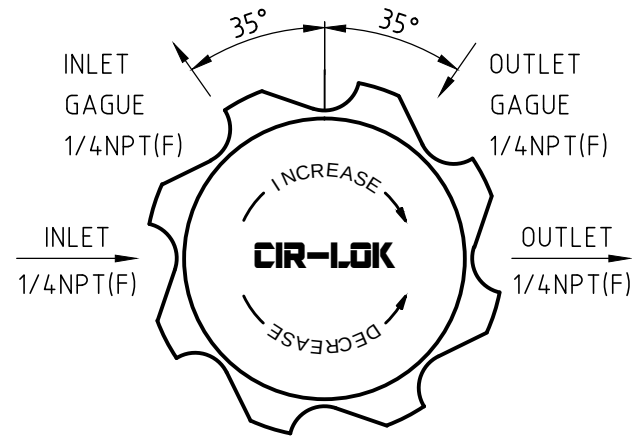


BOTTOM MOUNTING HOLE

2×M5



PORTING CONFIGURATION



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Spring Seat	316.S.S/ASTM A276
3	Filter Element	316.S.S/ASTM A313
4	Main Valve Stem	316.S.S/ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316.S.S/ASTM A276
7	Spring Seat	316.S.S/ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630.S.S/ASTM B783
12	Bonnet	316.S.S/ASTM A276
13	Diaphragm	316.S.S/ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

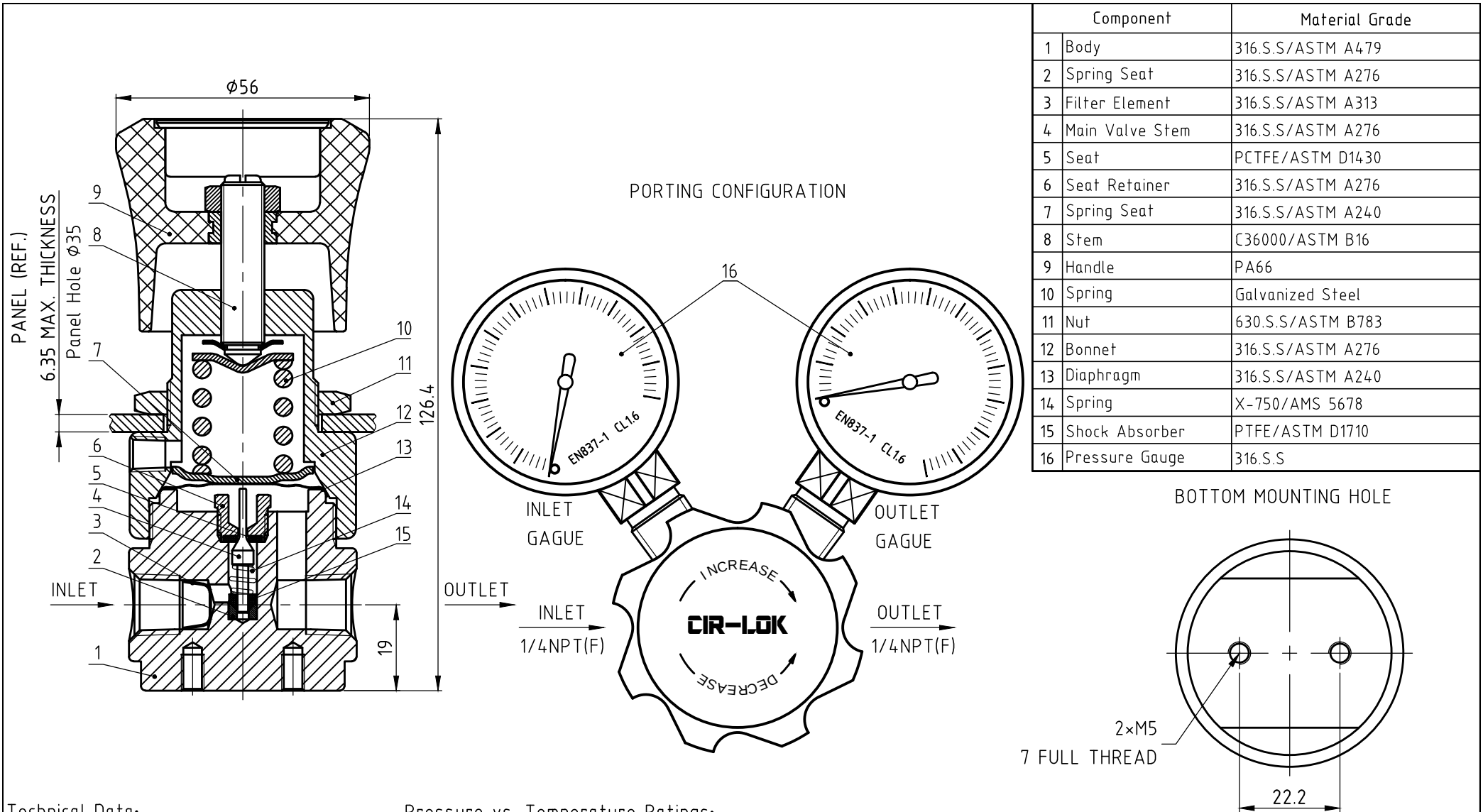
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~50psi (0~1.7bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.06

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	Pressure Regulator		
		Model	PR1-FNPT4-B1-350-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



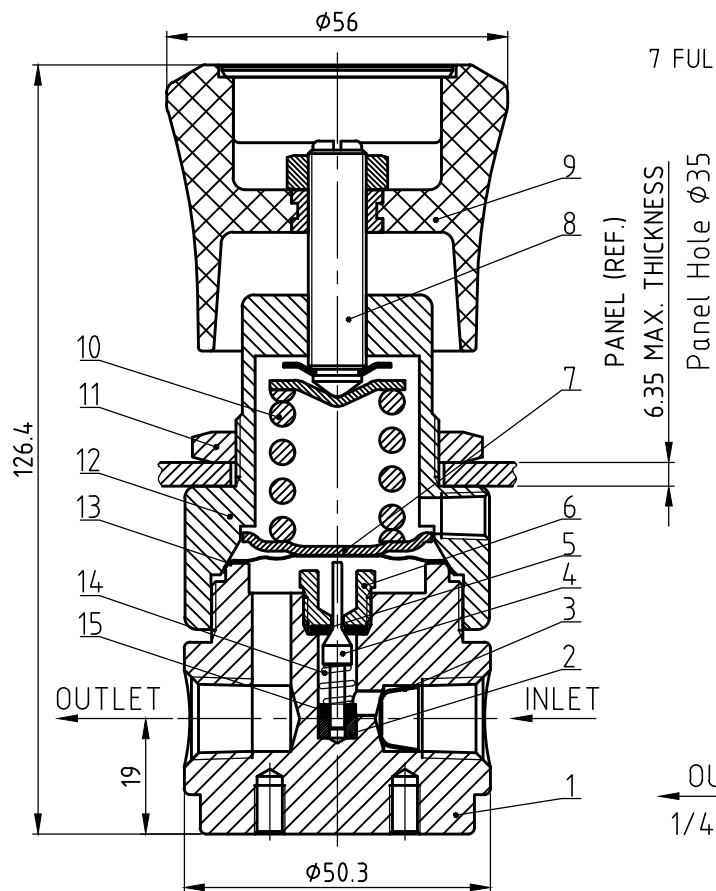
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~50psi (0~1.7bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.06

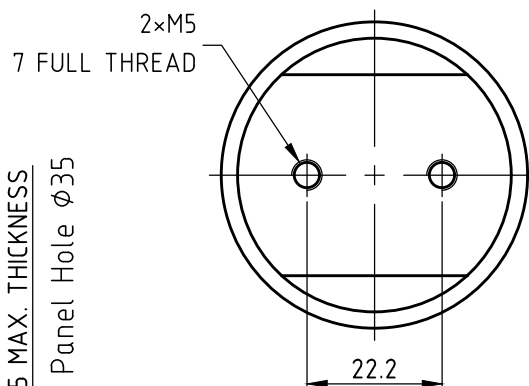
Pressure vs. Temperature Ratings:

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

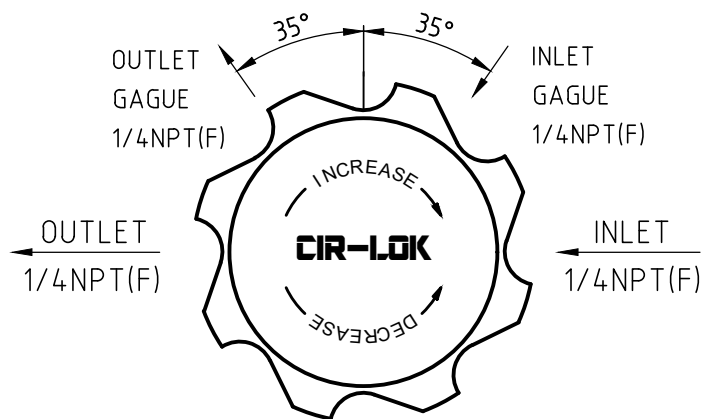
A	Jul.27.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-B1-350G-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



BOTTOM MOUNTING HOLE



PORTING CONFIGURATION

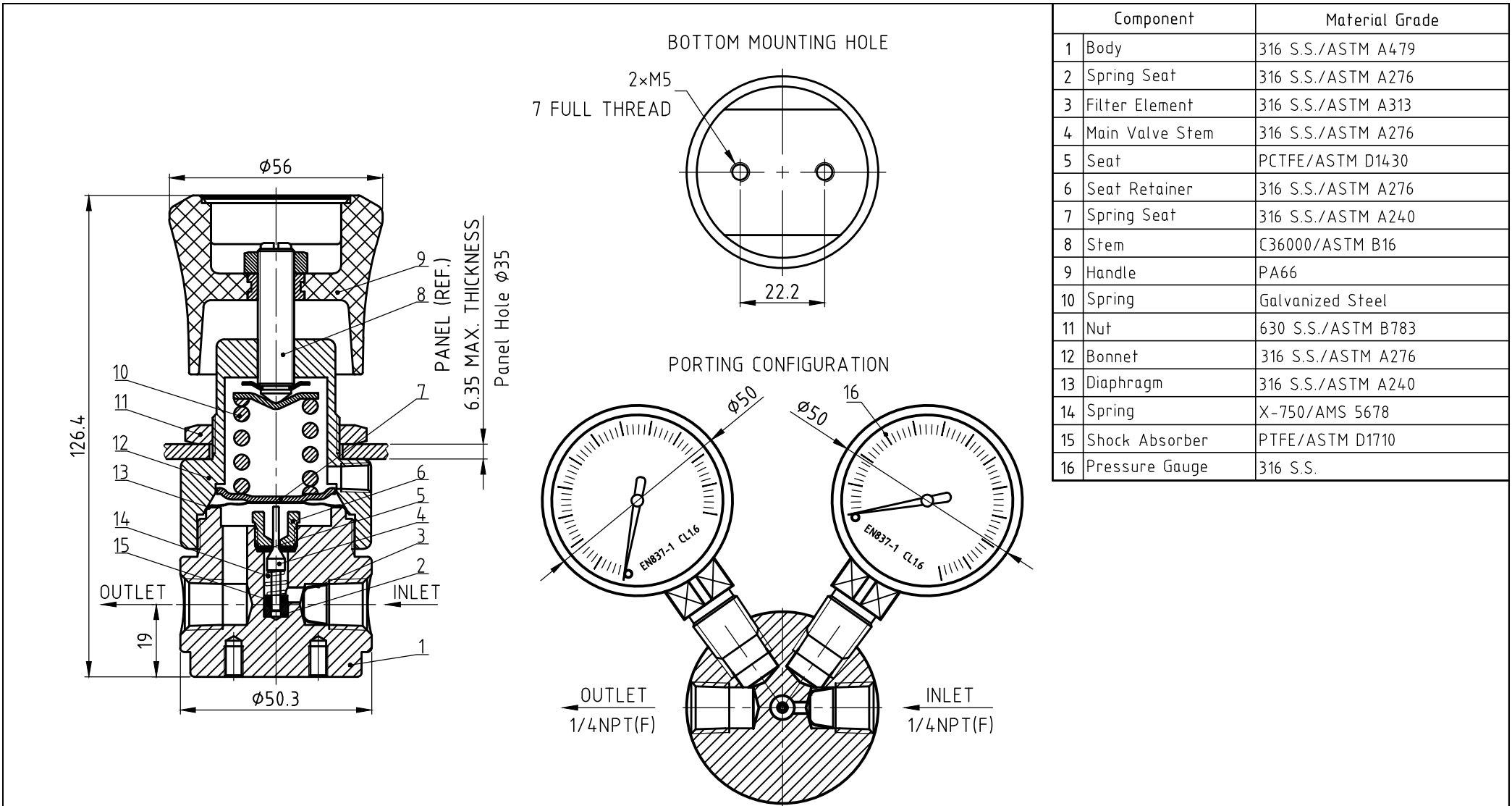


Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Spring Seat	316 S.S./ASTM A276
3	Filter Element	316 S.S./ASTM A313
4	Main Valve Stem	316 S.S./ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316 S.S./ASTM A276
7	Spring Seat	316 S.S./ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630 S.S./ASTM B783
12	Bonnet	316 S.S./ASTM A276
13	Diaphragm	316 S.S./ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710

Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~50psi (0~1.7bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.06

A	Feb.26.2025				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-B-350-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Spring Seat	316 S.S./ASTM A276
3	Filter Element	316 S.S./ASTM A313
4	Main Valve Stem	316 S.S./ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316 S.S./ASTM A276
7	Spring Seat	316 S.S./ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630 S.S./ASTM B783
12	Bonnet	316 S.S./ASTM A276
13	Diaphragm	316 S.S./ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710
16	Pressure Gauge	316 S.S.

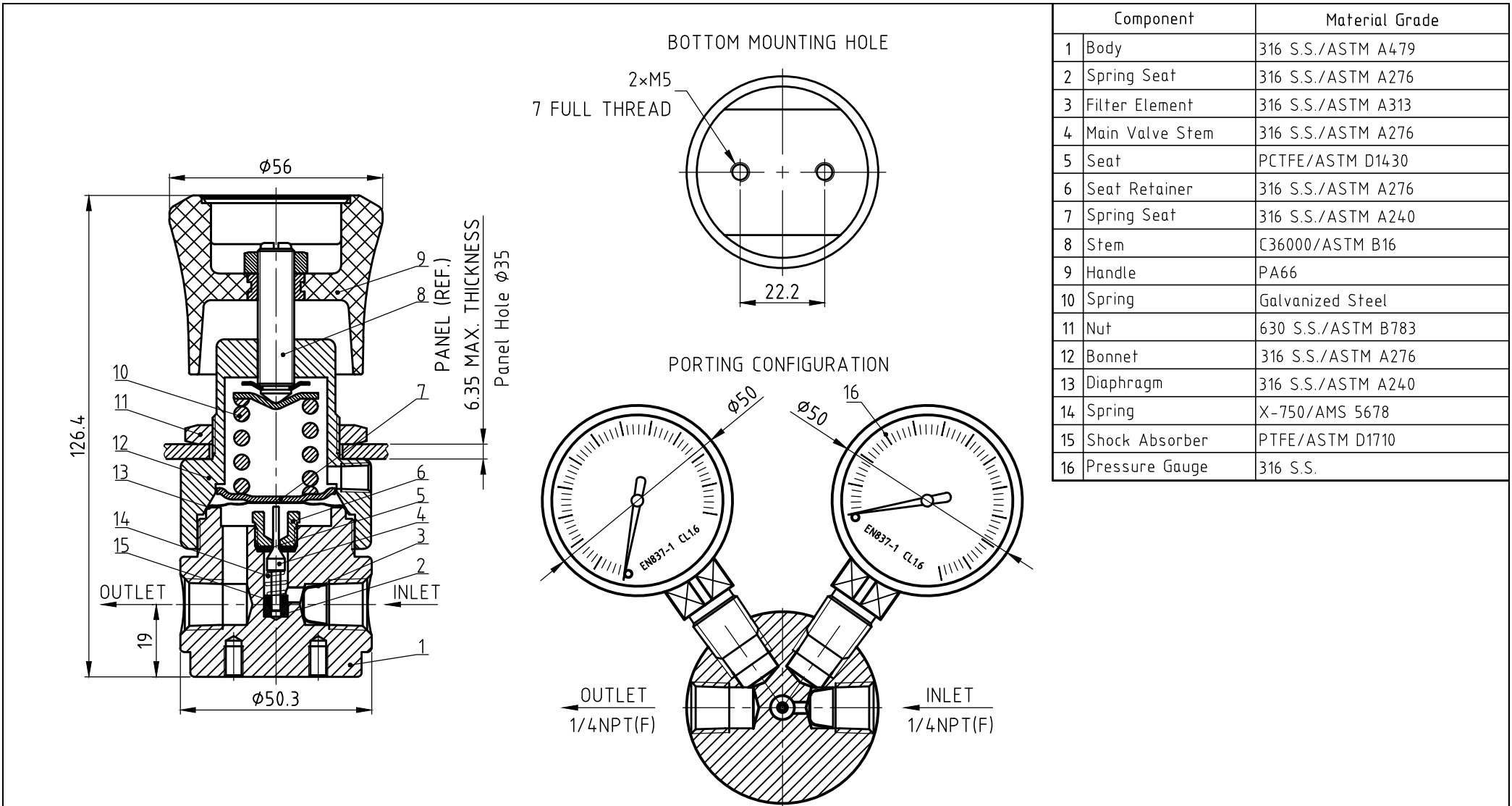
Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-76~176°F (-60~80°C)
Outlet Pressure Ranges	0~50psi (0~3.4bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.06

Pressure vs. Temperature Ratings:

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

A	Aug.02,2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-B-350G-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	Spring Seat	316 S.S./ASTM A276
3	Filter Element	316 S.S./ASTM A313
4	Main Valve Stem	316 S.S./ASTM A276
5	Seat	PCTFE/ASTM D1430
6	Seat Retainer	316 S.S./ASTM A276
7	Spring Seat	316 S.S./ASTM A240
8	Stem	C36000/ASTM B16
9	Handle	PA66
10	Spring	Galvanized Steel
11	Nut	630 S.S./ASTM B783
12	Bonnet	316 S.S./ASTM A276
13	Diaphragm	316 S.S./ASTM A240
14	Spring	X-750/AMS 5678
15	Shock Absorber	PTFE/ASTM D1710
16	Pressure Gauge	316 S.S.

Technical Data:

Maximum Inlet Pressure	3500psi (241bar)
Temperature Range	-40~176°F (-40~80°C)
Outlet Pressure Ranges	0~100psi (0~6.8bar)
Inboard Leak Rate	Bubble-tight
External Leak Rate	2X10 ⁻⁸ std cm ³ /s He
Cv	0.06

Pressure vs. Temperature Ratings:

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

A	Dec.07.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pressure Regulator		
		Model	PR1-FNPT4-B-3100G-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		