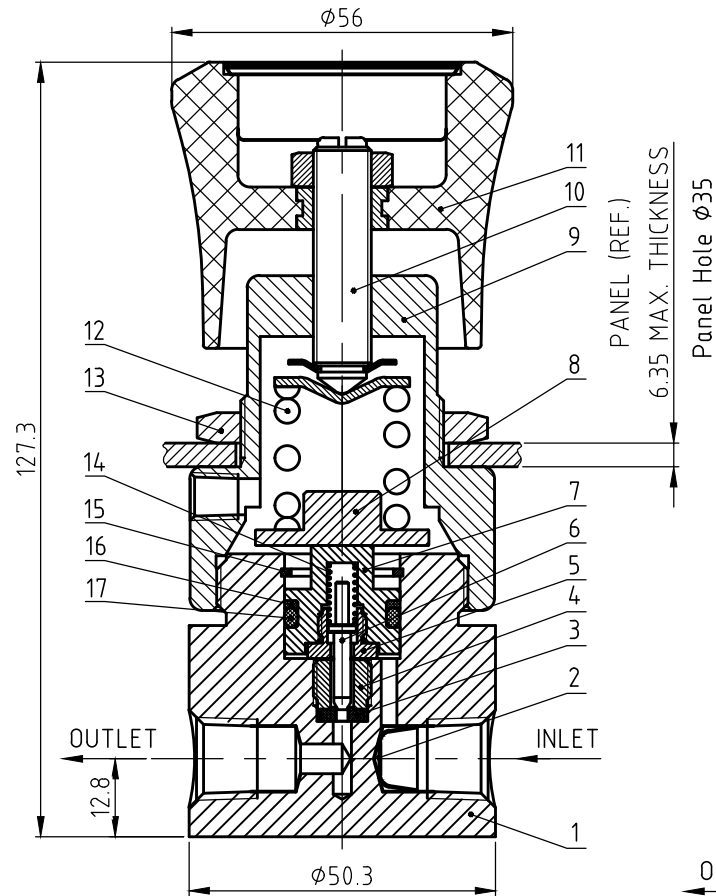
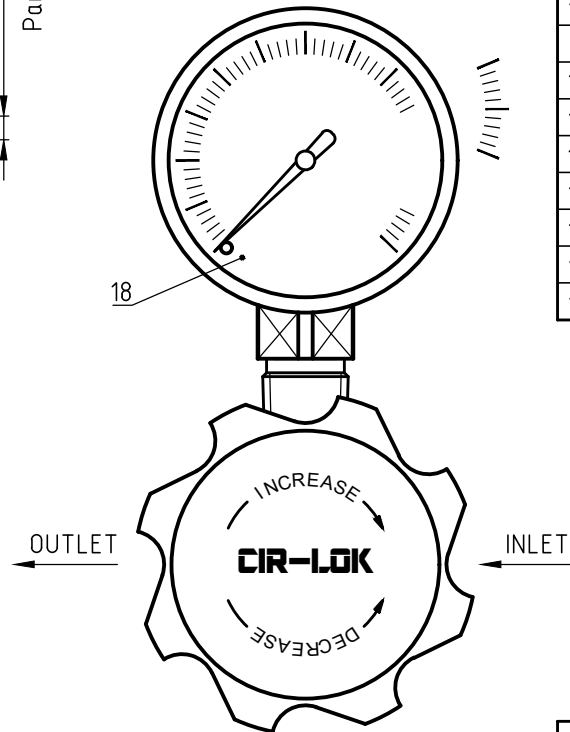




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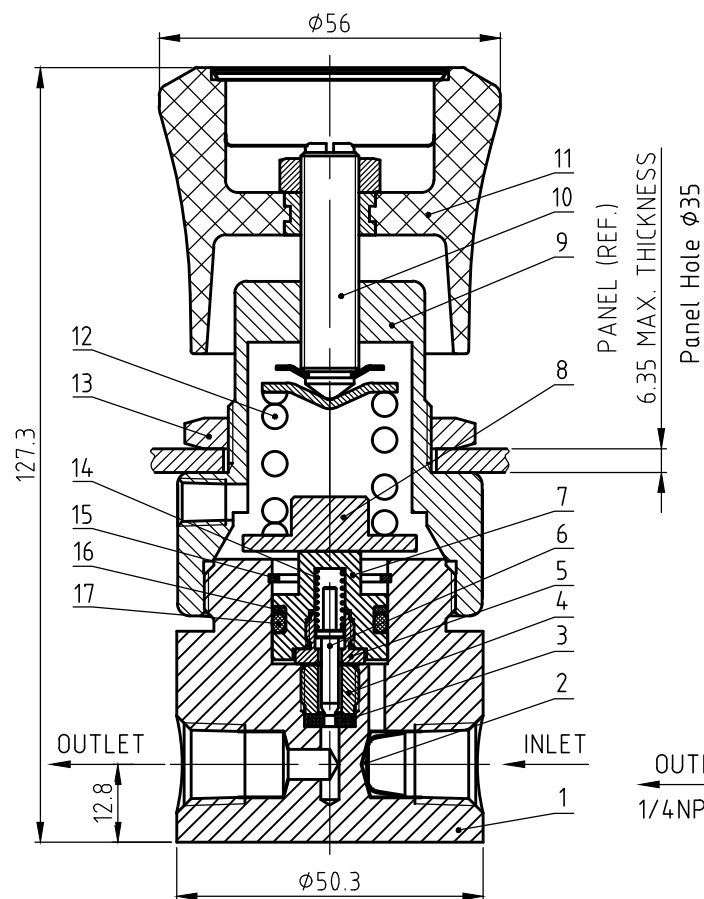


Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Filter Element	316 S.S.
3	Seat	PI
4	Seat Retainer	316 S.S./ASTM A276
5	Guide Nut	316 S.S./ASTM A276
6	Main Valve Stem	316 S.S./ASTM A276
7	Piston	316 S.S./ASTM A276
8	Spring Seat	C36000/ASTM B16
9	Bonnet	316 S.S./ASTM A276
10	Stem	C63000/ASTM B150
11	Handle	PA66
12	Spring	Galvanized Steel
13	Nut	630 S.S./ASTM B783
14	Spring	316 S.S./ASTM A313
15	Bead Flange	304 S.S.
16	Retaining Ring	PEEK
17	O-Ring	FFKM
18	Pressure Gauge	316 S.S.

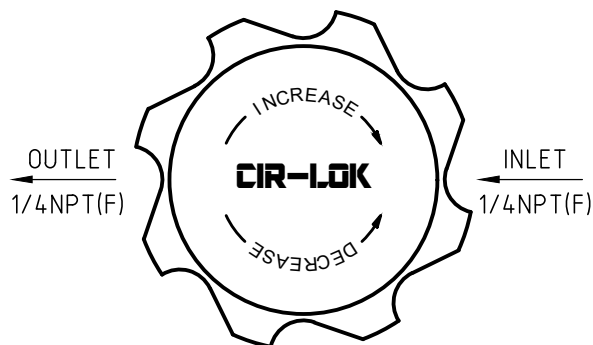
Technical Data:

Maximum Inlet Pressure	800psi (55.1bar)
Temperature Range	0~140°F (-17~60°C)
Control Pressure Range	40~300psi (2.7~20.6bar)
Leak Rate	Bubble-tight
Cv	0.1

A	Mar.17,2025				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Backpressure Valve		
		Model	BR1-FNPT4-IH-300G-Z-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



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Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Strainer	316 S.S./ASTM A313
3	Seat	PCTFE
4	Seat Retainer	316 S.S./ASTM A276
5	Guide Nut	316 S.S./ASTM A479
6	Main Valve Stem	316 S.S./ASTM A276
7	Piston	316 S.S./ASTM A276
8	Spring Seat	C36000/ASTM B16
9	Bonnet	316 S.S./ASTM A276
10	Stem	C63000/ASTM B150
11	Handle	PA66
12	Spring	Galvanized Steel
13	Nut	630 S.S./ASTM B783
14	Spring	316 S.S./ASTM A313
15	Bead Flange	304 S.S.
16	Retaining Ring	PTFE/ASTM D1710
17	O-Ring	FKM

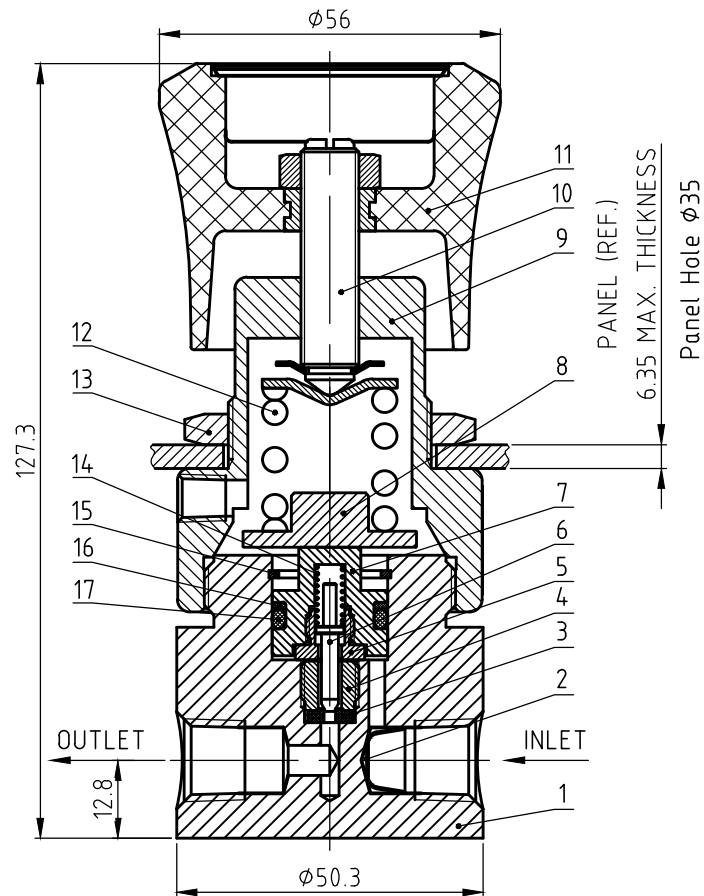
Technical Data:

Maximum Inlet Pressure	800psi (55.1bar)
Temperature Range	-15~140°F (-26~60°C)
Control Pressure Range	40~300psi (2.75~20.6bar)
Leak Rate	Bubble-tight
Cv	0.1

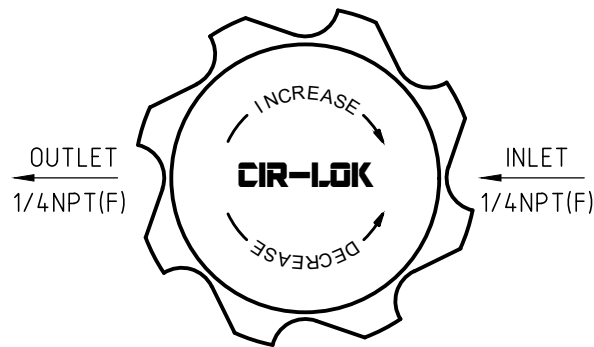
Pressure vs. Temperature Ratings:

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

A	May.08.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Backpressure Valve		
		Model	BR1-FNPT4-N-300-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



PORTING CONFIGURATION

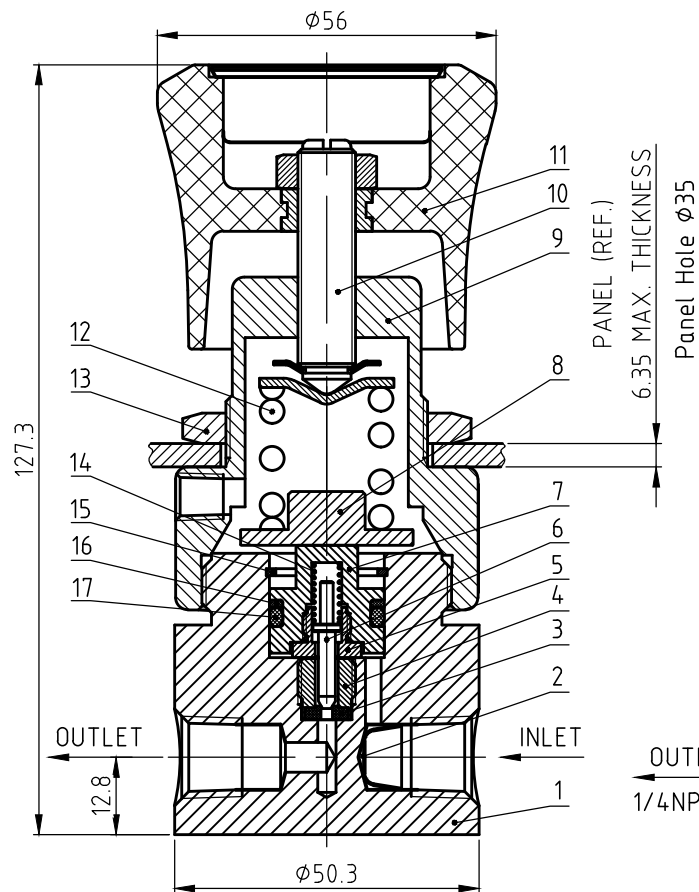


Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Strainer	316 S.S./ASTM A313
3	Seat	PCTFE
4	Seat Retainer	316 S.S./ASTM A276
5	Guide Nut	316 S.S./ASTM A479
6	Main Valve Stem	316 S.S./ASTM A276
7	Piston	316 S.S./ASTM A276
8	Spring Seat	C36000/ASTM B16
9	Bonnet	316 S.S./ASTM A276
10	Stem	C63000/ASTM B150
11	Handle	PA66
12	Spring	Galvanized Steel
13	Nut	630 S.S./ASTM B783
14	Spring	316 S.S./ASTM A313
15	Bead Flange	304 S.S.
16	Retaining Ring	PTFE/ASTM D1710
17	O-Ring	FVMQ

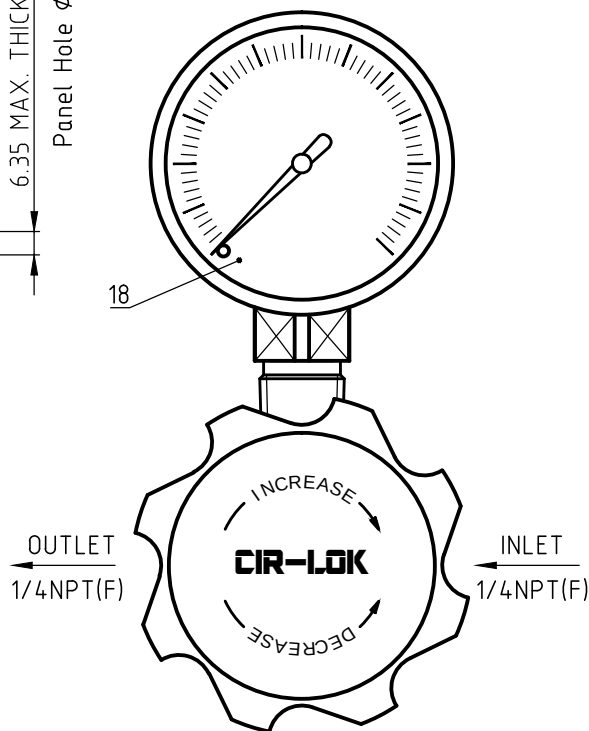
Technical Data:

Maximum Inlet Pressure	800psi (55.1bar)
Temperature Range	-76~140°F (-60~60°C)
Control Pressure Range	40~300psi (2.75~20.6bar)
Leak Rate	Bubble-tight
Cv	0.1

A	Nov.08,2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Backpressure Valve		
		Model	BR1-FNPT4-N-8300-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



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Component		Material Grade
1	Body	316L.S.S/ASTM A479
2	Strainer	316.S.S/ASTM A313
3	Seat	PCTFE/ASTM D1430
4	Seat Retainer	316.S.S/ASTM A276
5	Guide Nut	316.S.S/ASTM A479
6	Main Valve Stem	316.S.S/ASTM A276
7	Piston	316.S.S/ASTM A276
8	Spring Seat	C36000/ASTM B16
9	Bonnet	316.S.S/ASTM A276
10	Stem	C63000/ASTM B150
11	Handle	PA66
12	Spring	Galvanized Steel
13	Nut	630.S.S/ASTM B783
14	Spring	316.S.S/ASTM A313
15	Bead Flange	304.S.S
16	Retaining Ring	PTFE/ASTM D1710
17	O-Ring	FKM
18	Pressure Gauge	316.S.S

Technical Data:

Maximum Inlet Pressure	800psi (55.1bar)
Temperature Range	-40~176°F (-40~80°C)
Control Pressure Range	100~800psi (6.9~55.1bar)
Leak Rate	Bubble-tight
Cv	0.1

Pressure vs. Temperature Ratings:

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

A	Jul.08.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Backpressure Valve		
		Model	BR1-FNPT4-H-800G-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		