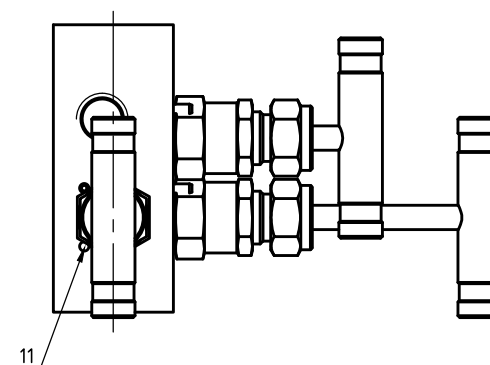
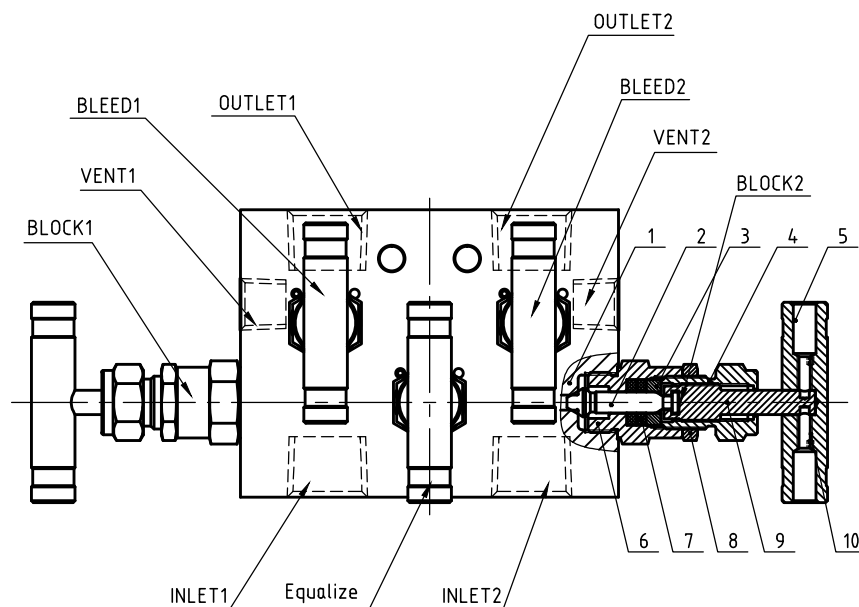


Component		Material Grade
1	Body	316.S.S/ASTM A182
2	Lower Stem	316.S.S/ASTM A479
3	Gland	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Handle	6061
6	Nut	316.S.S/ASTM A479
7	Packing	PTFE/ASTM D1710
8	Nut	S17400/ASTM B783
9	Upper Stem	316.S.S/ASTM A479
10	Screw	304S.S
11	Pin	304S.S

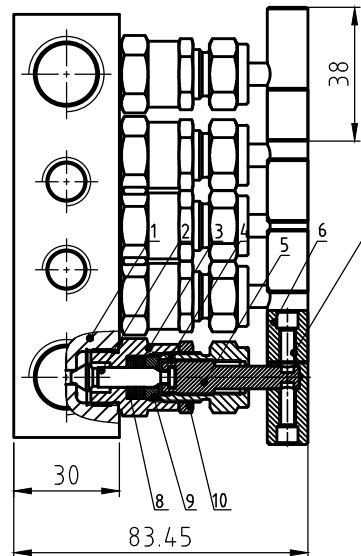
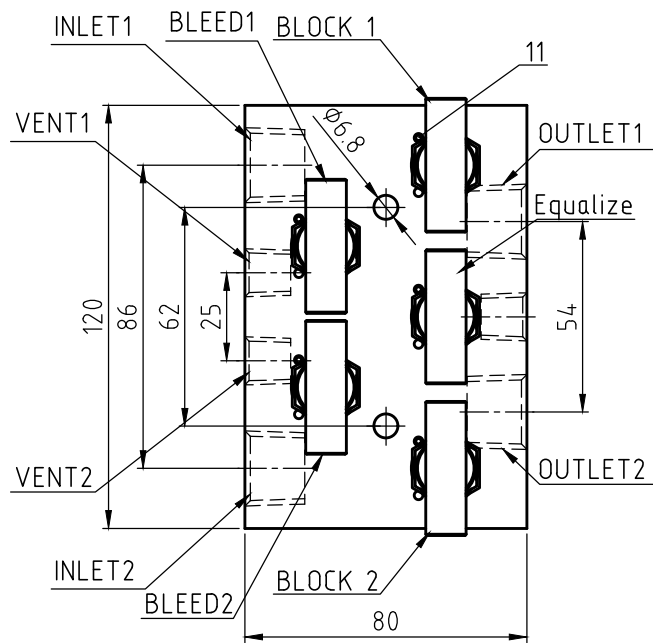
Technical Data:

Inlet Size	1/2NPT (F)
Outlet Size	1/2NPT (F)
Vent Size	1/4NPT (F)
Orifice Size	0.16in(4.0mm)

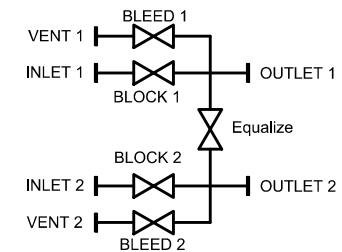
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Apr.23.2021				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	5M-507-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S./ASTM A182
2	Lower Stem	316.S.S./ASTM A479
3	Bonnet	316.S.S./ASTM A479
4	Packing Nut	316.S.S./ASTM A479
5	Upper Stem	316.S.S./ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S./ASTM A479
10	Nut	630.S.S./ASTM B783
11	Pin	304.S.S.



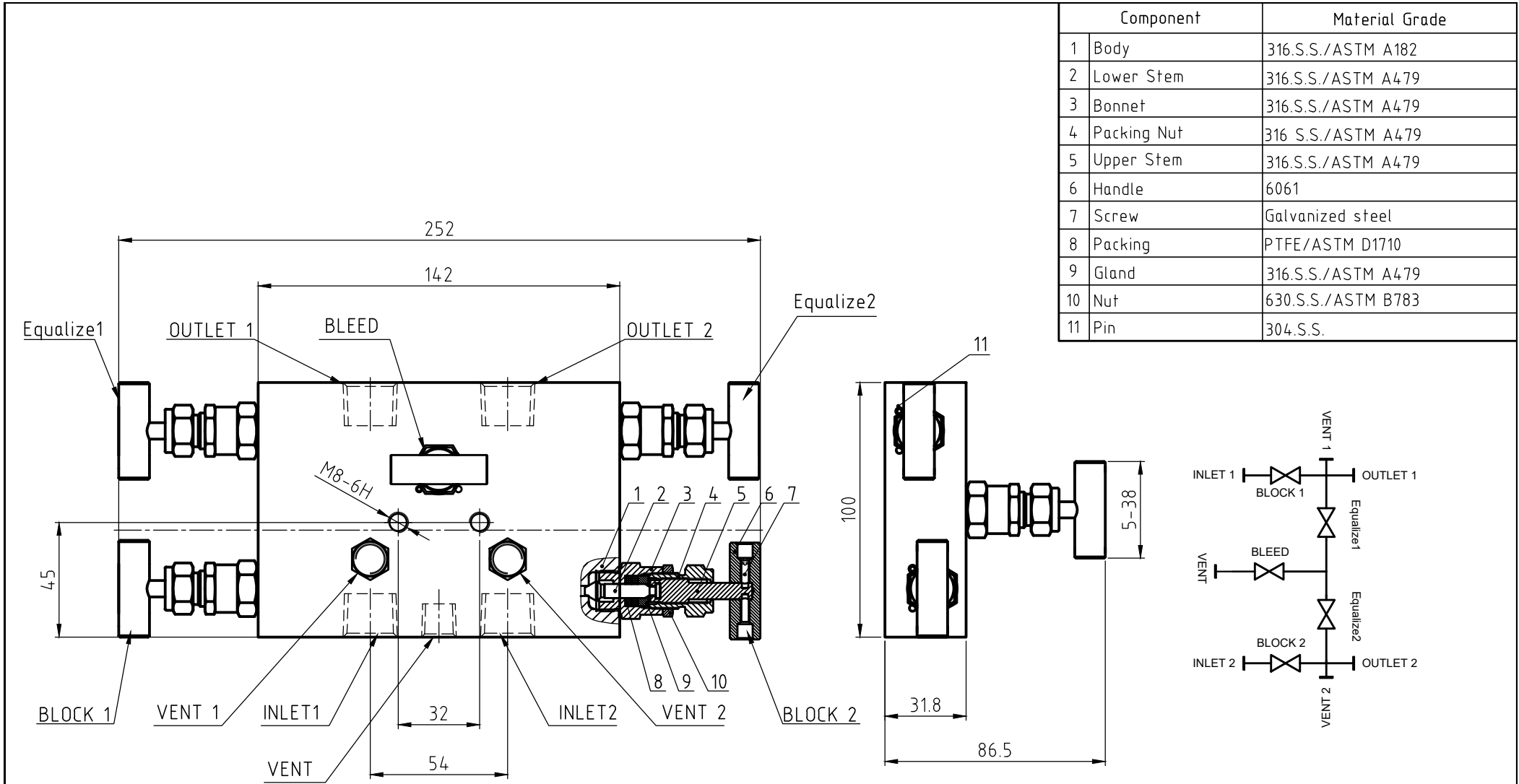
Technical Data:

Inlet Size	1/2 NPT(F)
Outlet Size	1/2 NPT(F)
Vent Size	1/4 NPT(F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Jun.05.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	5M-507-316-FF501		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Technical Data:

Inlet Size	1/2 NPT(F)
Outlet Size	1/2 NPT(F)
Vent Size	1/4 NPT(F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Mar.15.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	5M-507-316-GC701		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

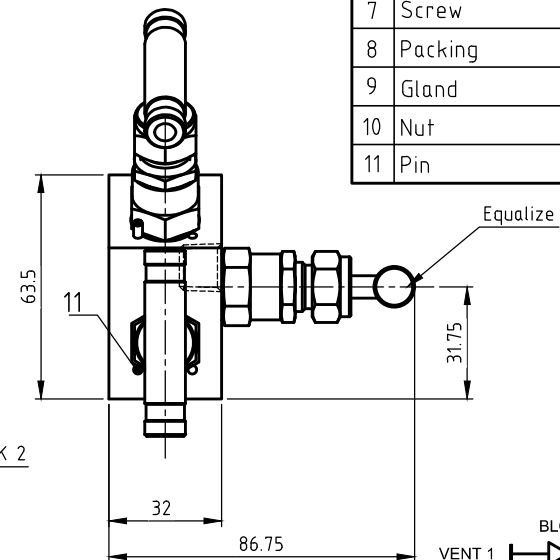


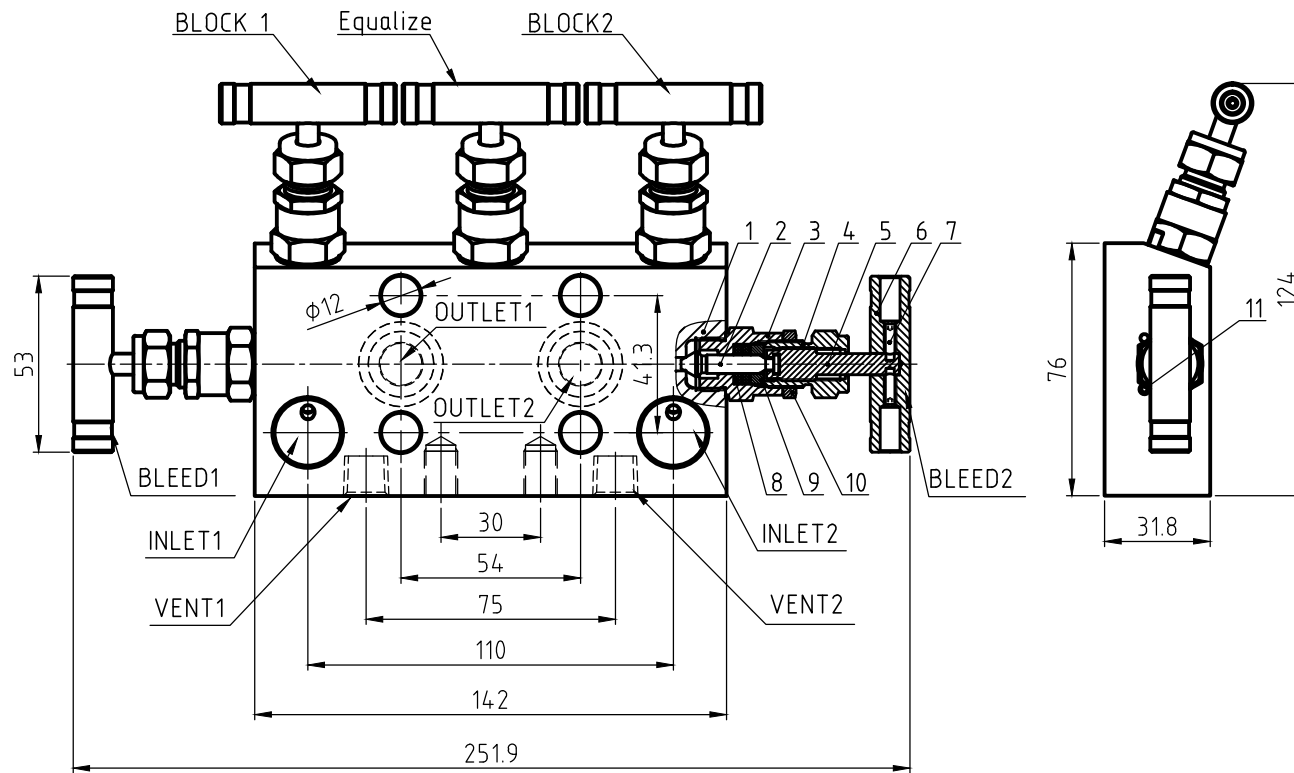
Diagram illustrating a two-stage gas turbine engine configuration. The flow path is defined by the following components and connections:

- VENT 1** (Inlet) connects to **BLOCK 1**.
- BLOCK 1** connects to **BLEED 1** (which leads to **INLET 1**) and continues to the **Equalize** valve.
- The **Equalize** valve connects to **OUTLET 1** and continues to **BLOCK 2**.
- BLOCK 2** connects to **BLEED 2** (which leads to **INLET 2**) and continues to **VENT 2** (Exhaust).
- OUTLET 2** is located above **BLOCK 2**.

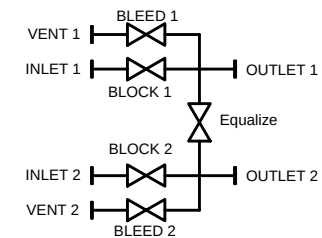
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Apr.12.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	5M-507R1-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A182
2	Lower Stem	316 S.S./ASTM A479
3	Bonnet	316 S.S./ASTM A479
4	Packing Nut	316 S.S./ASTM A479
5	Upper Stem	316 S.S./ASTM A479
6	Handle	6061
7	Screw	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Gland	316 S.S./ASTM A479
10	Nut	S17400/ASTM B783
11	Pin	304 S.S.



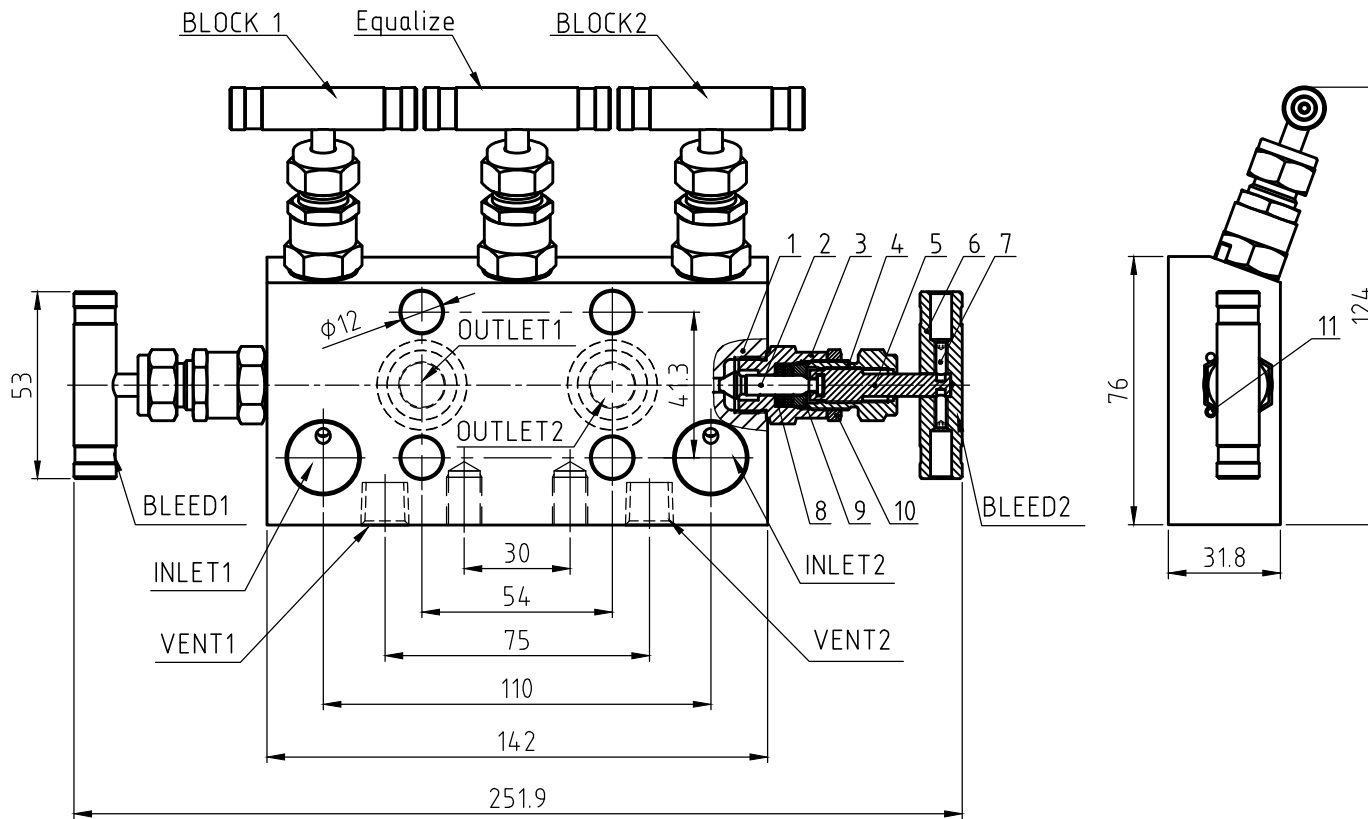
Technical Data:

Inlet Size	1/2 NPT(F)
Outlet Size	Flanged
Vent Size	1/4 NPT(F)
Orifice Size	0.16in(4.0mm)

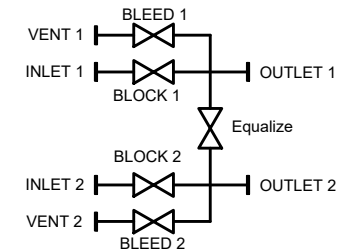
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Aug.24.2021				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	5M-501-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316L.S.S./ASTM A182
2	Lower Stem	316L.S.S./ASTM A479
3	Bonnet	316L.S.S./ASTM A479
4	Packing Nut	316 S.S./ASTM A479
5	Upper Stem	316.S.S./ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PFA
9	Gland	316.S.S./ASTM A479
10	Nut	630.S.S./ASTM B783
11	Pin	304.S.S.



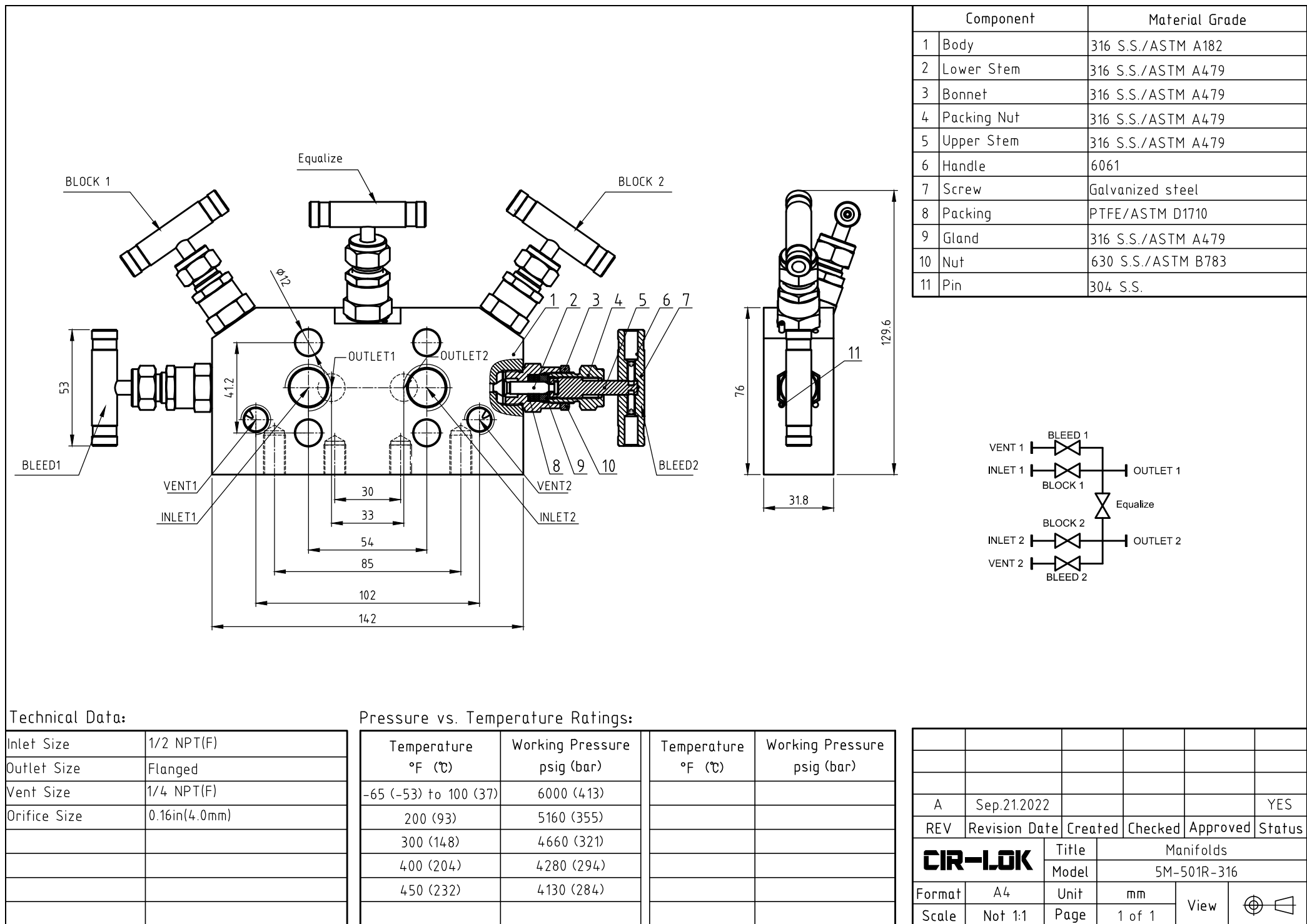
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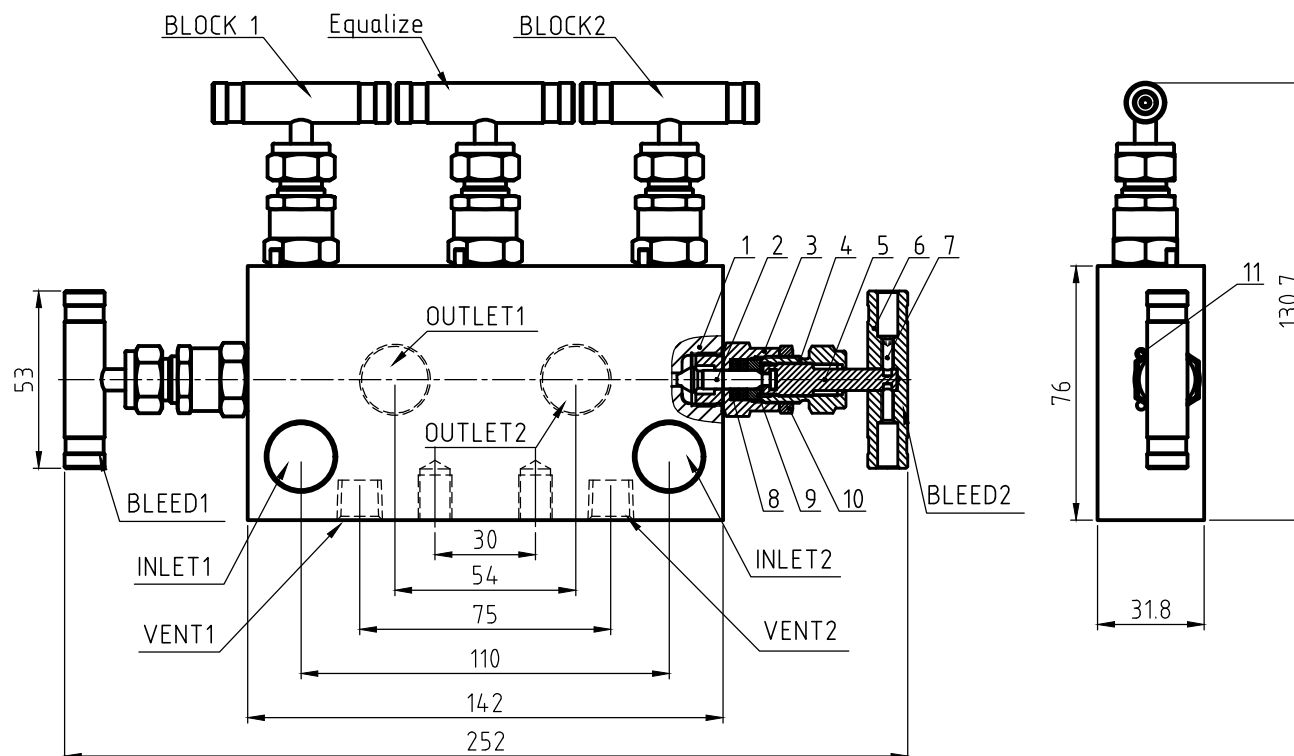
Inlet Size	1/2 NPT(F)
Outlet Size	Flanged
Vent Size	1/4 NPT(F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

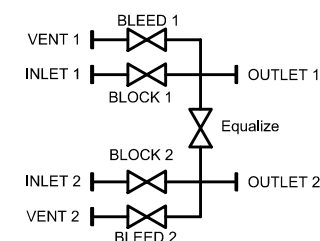
Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Sep.13.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	5M-501-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		





Component		Material Grade
1	Body	316 S.S./ASTM A182
2	Lower Stem	316 S.S./ASTM A479
3	Bonnet	316 S.S./ASTM A479
4	Packing Nut	316 S.S./ASTM A479
5	Upper Stem	316 S.S./ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316 S.S./ASTM A479
10	Nut	630 S.S./ASTM B783
11	Pin	304 S.S.



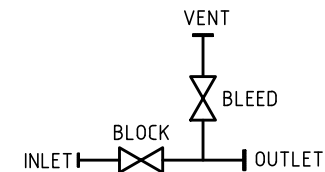
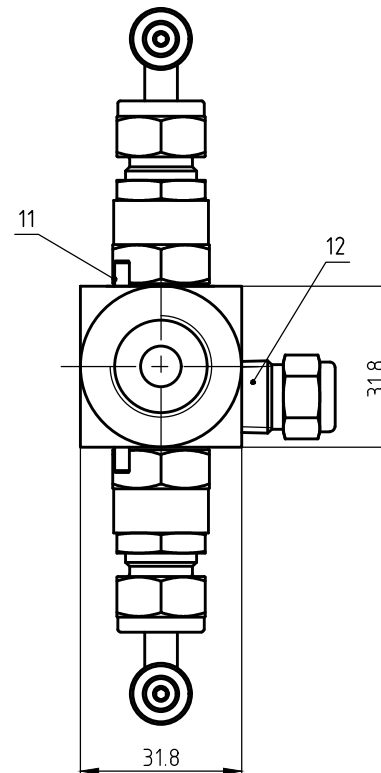
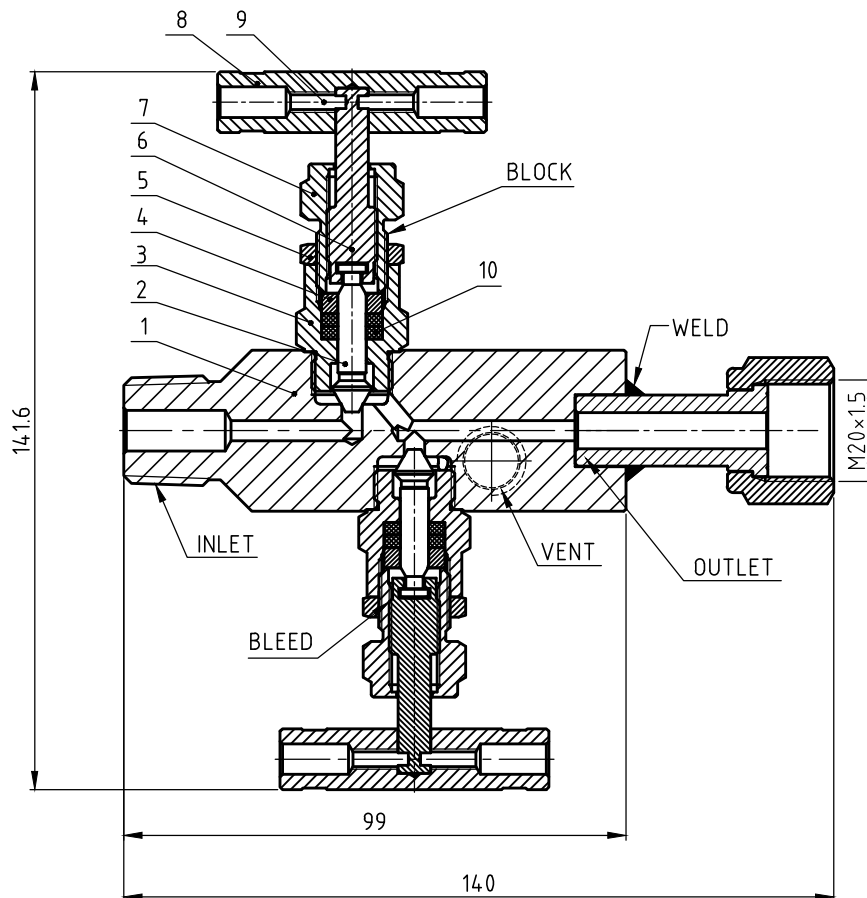
Technical Data:

Inlet Size	1/2 NPT(F)
Outlet Size	1/2 NPT(F)
Vent Size	1/4 NPT(F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Apr.03.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	5M-502-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Lower Stem	316 S.S./ASTM A479
3	Bonnet	316 S.S./ASTM A479
4	Gland	316 S.S./ASTM A479
5	Nut	630 S.S./ASTM B783
6	Upper Stem	316 S.S./ASTM A479
7	Packing Nut	316 S.S./ASTM A479
8	Handle	6061
9	Screw	Galvanized steel
10	Packing	PTFE/ASTM D1710
11	Pin	304
12	Plug	316 S.S./ASTM A479

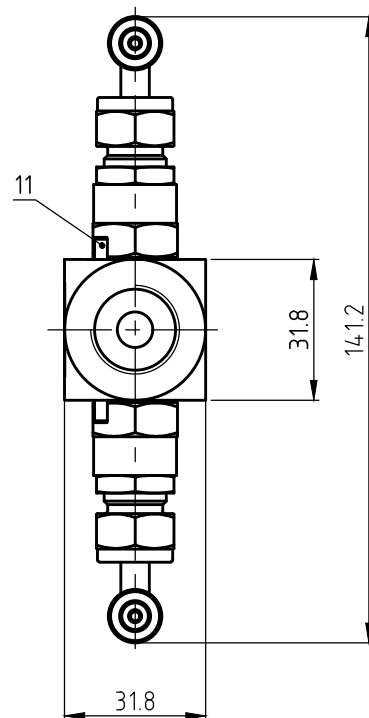
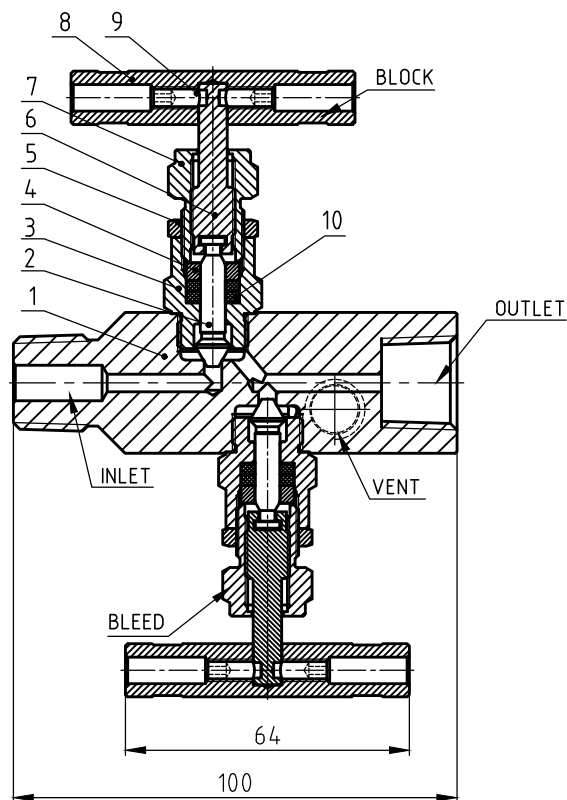
Technical Data:

Inlet Size	1/2 NPT
Outlet Size	ISO261 M20X1.5
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

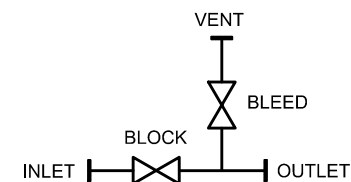
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	May.13.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-NPT8-SFMS20-P-316-FE201		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Lower Stem	316 S.S./ASTM A479
3	Bonnet	316 S.S./ASTM A479
4	Gland	316 S.S./ASTM A479
5	Nut	630 S.S./ASTM B783
6	Upper Stem	316 S.S./ASTM A479
7	Packing Nut	316 S.S./ASTM A479
8	Handle	6061
9	Screw	Galvanized steel
10	Packing	PTFE/ASTM D1710
11	Pin	304 S.S.



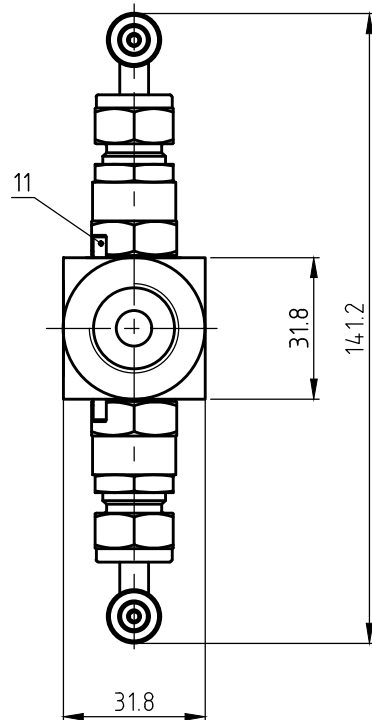
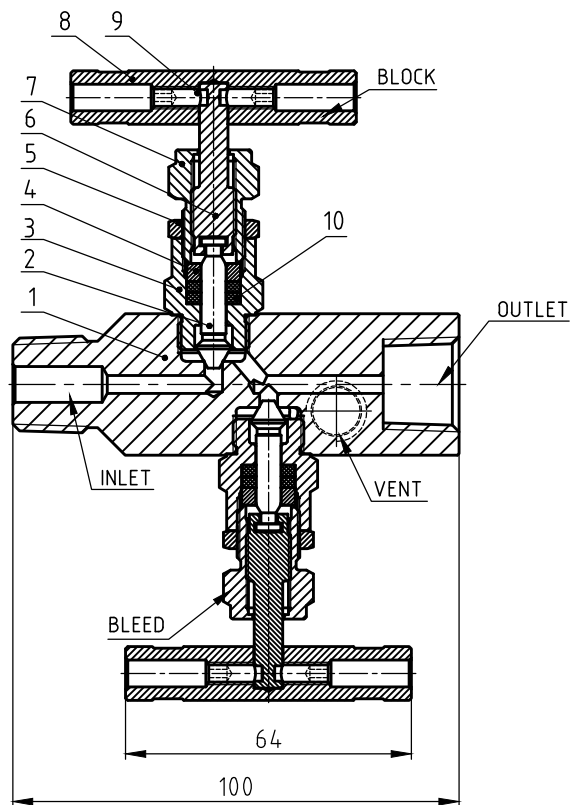
Technical Data:

Inlet Size	1/2 NPT
Outlet Size	1/2 NPT (F)
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

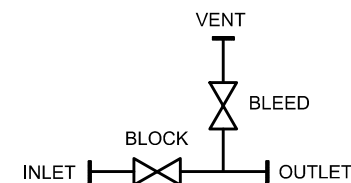
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	10000 (689)		
200 (93)	9290 (640)		
300 (148)	8390 (578)		
400 (204)	7705 (531)		
450 (232)	7435 (512)		

A	May.17.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M1-NPT8-FNPT8-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Lower Stem	316 S.S./ASTM A479
3	Bonnet	316 S.S./ASTM A479
4	Gland	316 S.S./ASTM A479
5	Nut	630 S.S./ASTM B783
6	Upper Stem	316 S.S./ASTM A479
7	Packing Nut	316 S.S./ASTM A479
8	Handle	6061
9	Screw	Galvanized steel
10	Packing	PTFE/ASTM D1710
11	Pin	304 S.S.



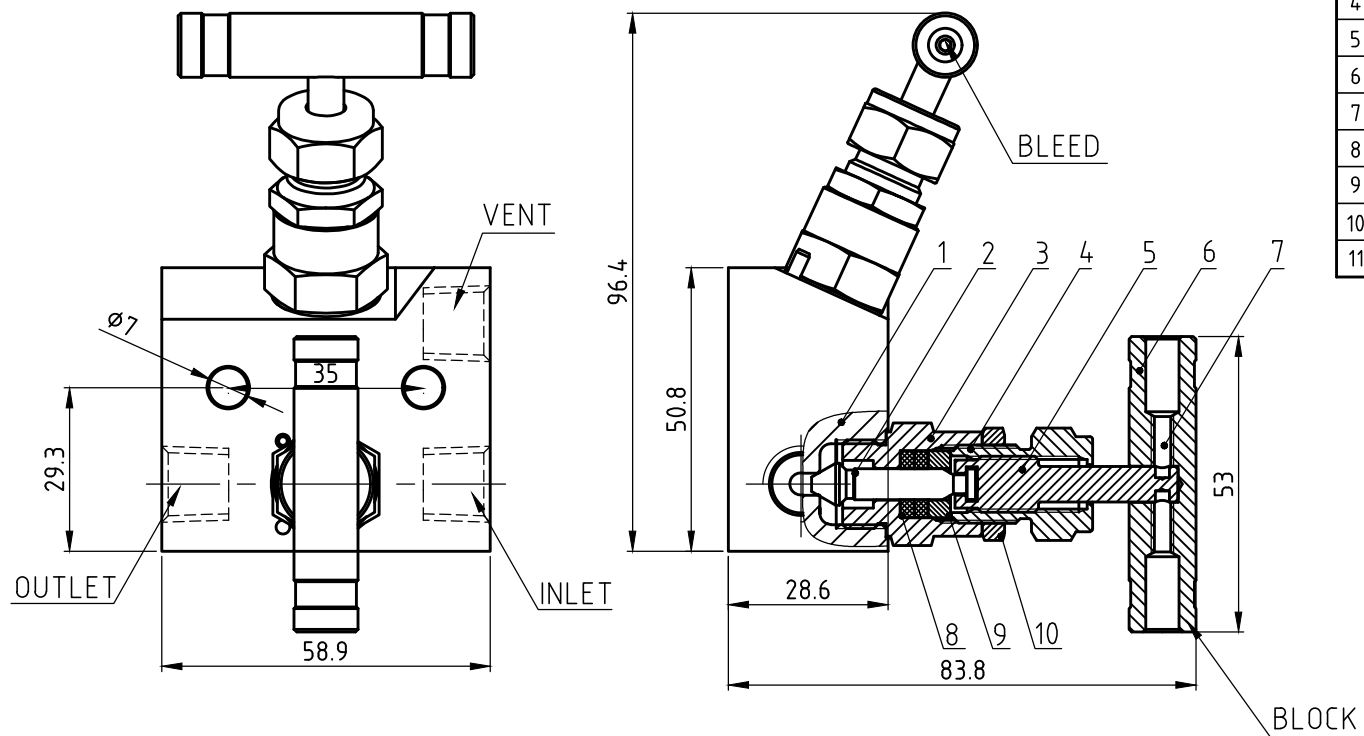
Technical Data:

Inlet Size	1/2 NPT
Outlet Size	1/2 NPT (F)
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

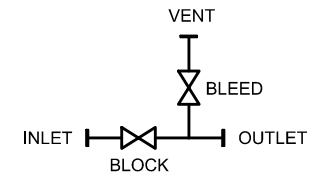
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	10000 (689)		
200 (93)	9290 (640)		
300 (148)	8390 (578)		
400 (204)	7705 (531)		
450 (232)	7435 (512)		

A	Mar.21.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M1-NPT8-FNPT8-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE
9	Gland	316.S.S/ASTM A479
10	Nut	630 S.S/ASTM B783
11	Pin	304.S.S



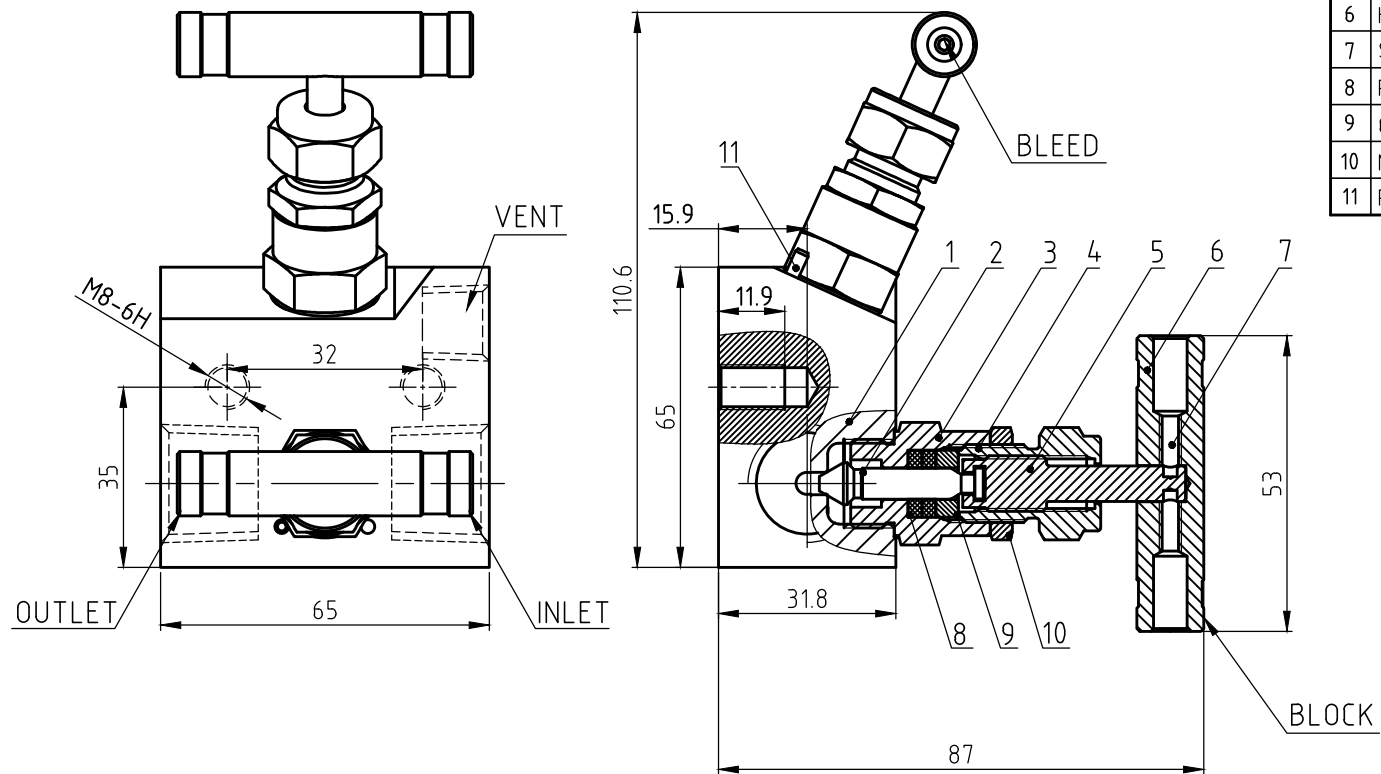
Technical Data:

Cv	0.35
Inlet Size	1/4 NPT(F)
Outlet Size	1/4 NPT(F)
Vent Size	1/4 NPT(F)
Orifice Size	4.0mm

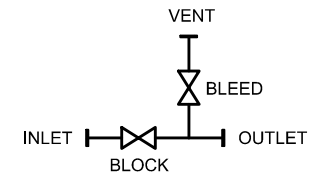
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Jun.09.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-204-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE
9	Gland	316.S.S/ASTM A479
10	Nut	630 S.S/ASTM B783
11	Pin	304.S.S



Technical Data:

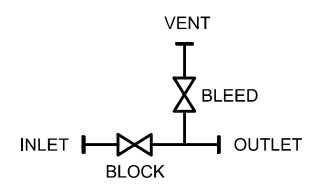
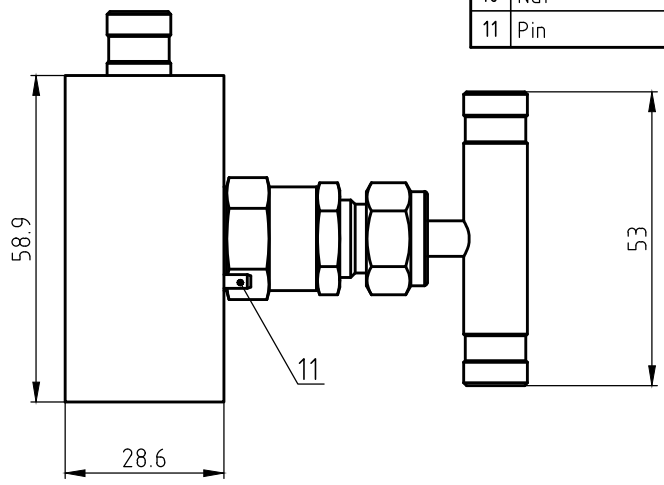
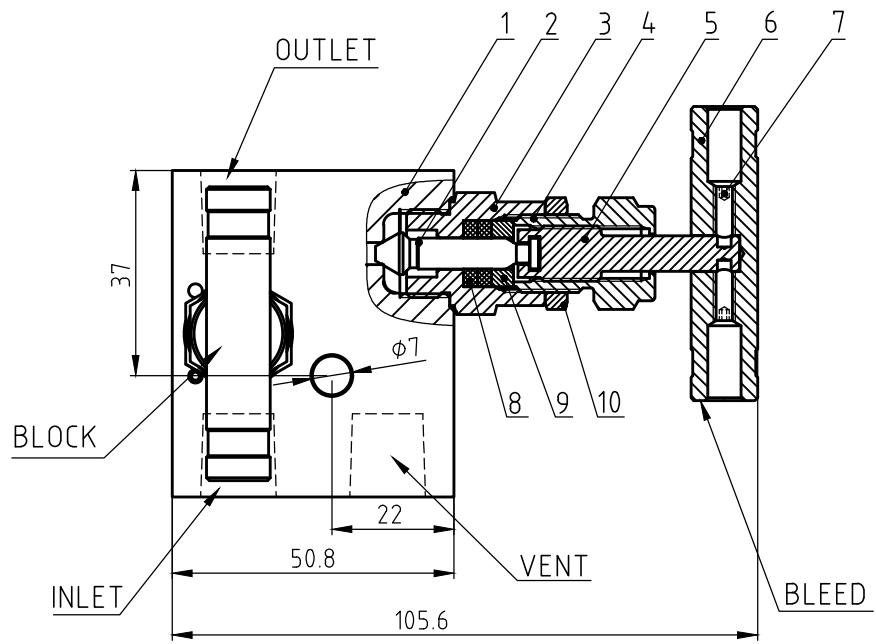
Cv	0.35
Inlet Size	1/2 NPT(F)
Outlet Size	1/2 NPT(F)
Vent Size	1/4 NPT(F)
Orifice Size	4.0mm

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Apr.10.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-204-316-ED001		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	630.S.S/ASTM B783
11	Pin	304.S.S



Technical Data:

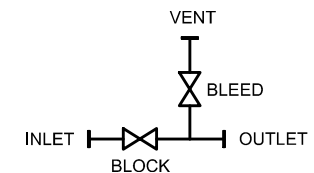
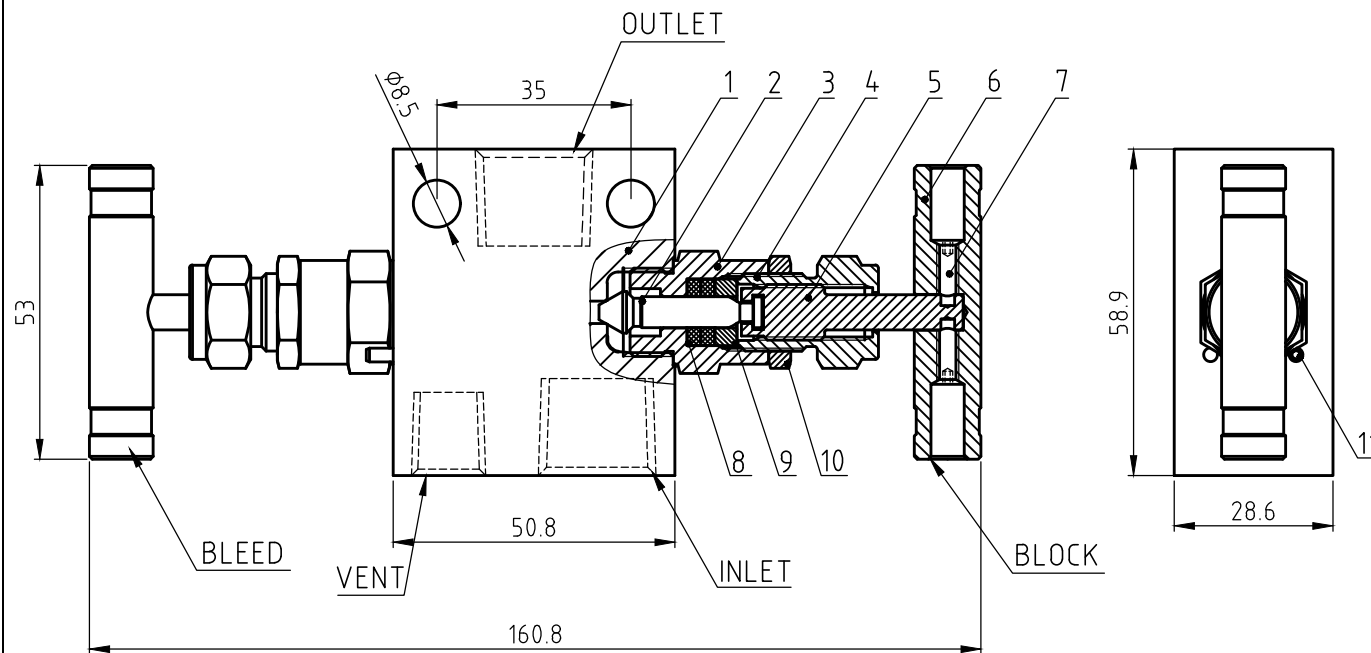
Inlet Size	1/4NPT(F)
Outlet Size	1/4NPT(F)
Vent Size	1/4NPT(F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Jul.08.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-205-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	304.S.S
8	Packing	Graphite
9	Gland	316.S.S/ASTM A479
10	Nut	630 S.S/ASTM B783
11	Pin	304.S.S



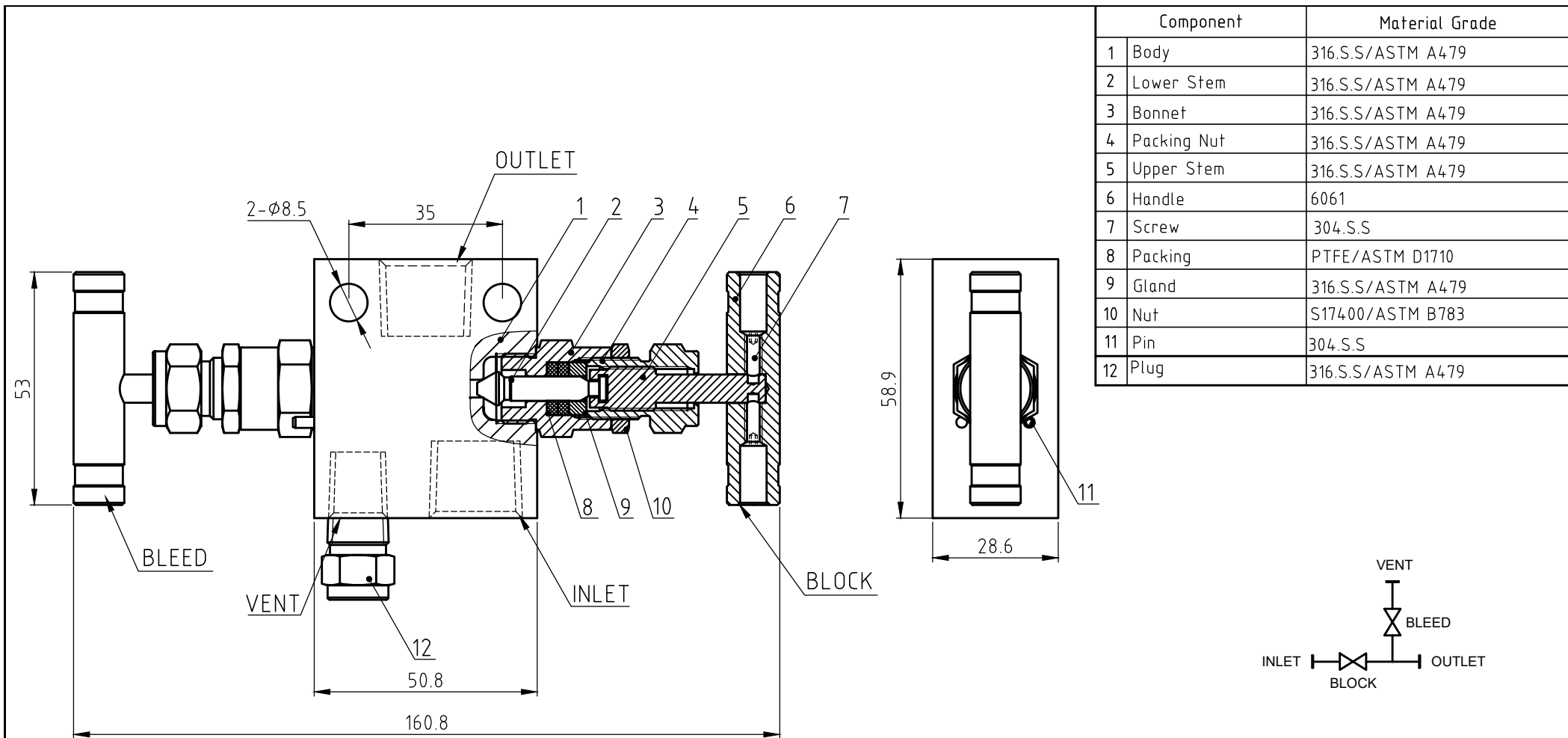
Technical Data:

Cv	0.35
Inlet Size	1/2NPT(F)
Outlet Size	1/2NPT(F)
Vent Size	1/4NPT(F)
Orifice Size	4.0mm

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-54) to 100 (37)	6000 (413)	700 (371)	3620 (249)
200 (93)	5160 (355)	800 (426)	3520 (242)
300 (148)	4660 (321)	900 (482)	3460 (239)
400 (204)	4280 (294)	1000 (537)	3030 (209)
500 (260)	3980 (274)	1100 (593)	2545 (175)
600 (315)	3760 (259)	1200 (648)	1545 (107)

A	Apr.08.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-206-G-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	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	304.S.S
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	S17400/ASTM B783
11	Pin	304.S.S
12	Plug	316.S.S/ASTM A479

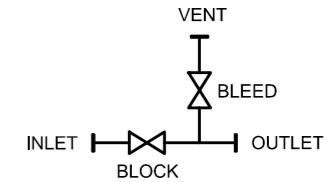
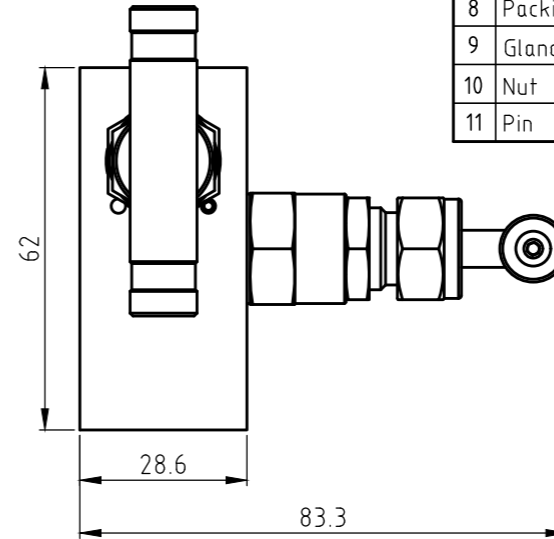
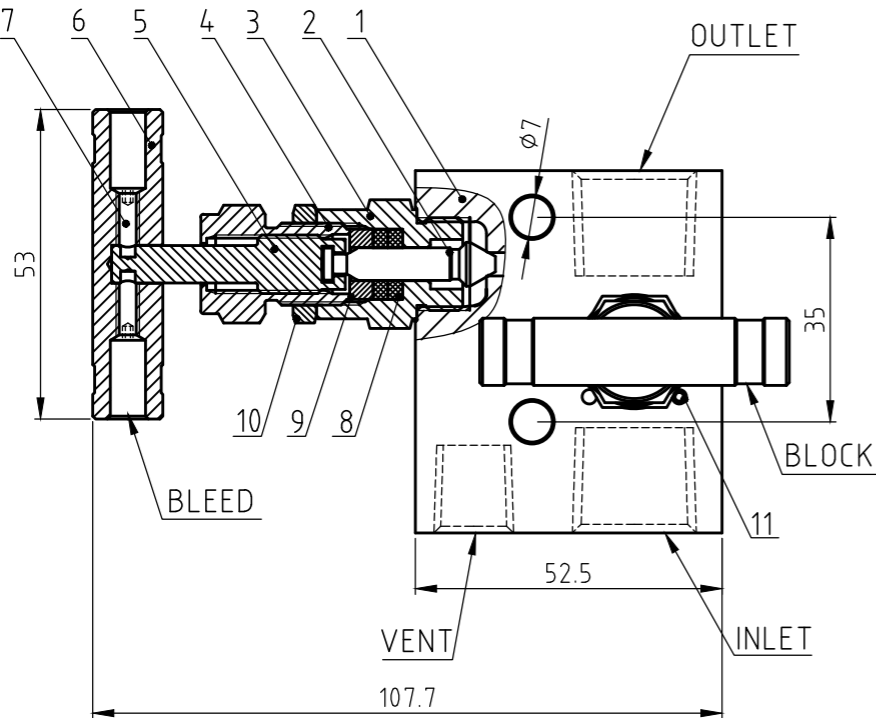
Technical Data:

Inlet Size	1/2NPT(F)
Outlet Size	1/2NPT(F)
Vent Size	1/4NPT(F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Mar.13.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-206-P-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	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	630.S.S/ASTM B783
11	Pin	304.S.S

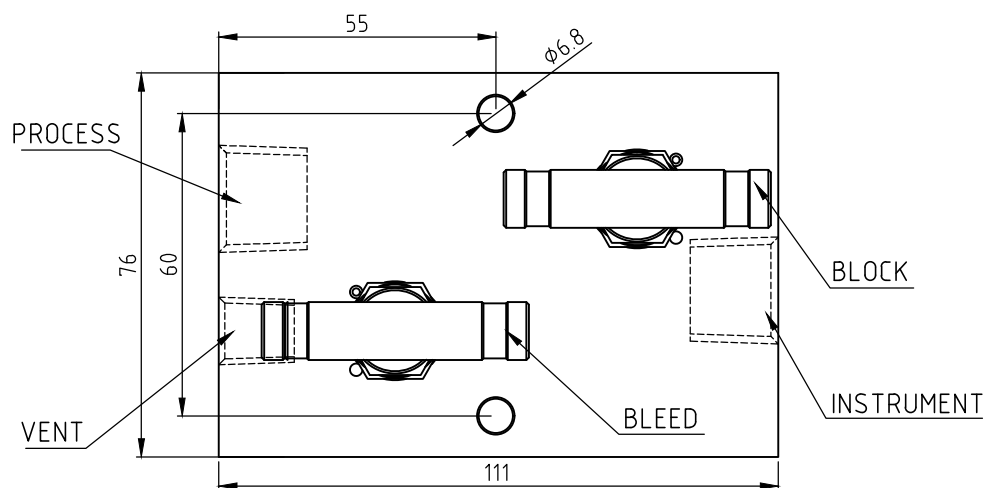
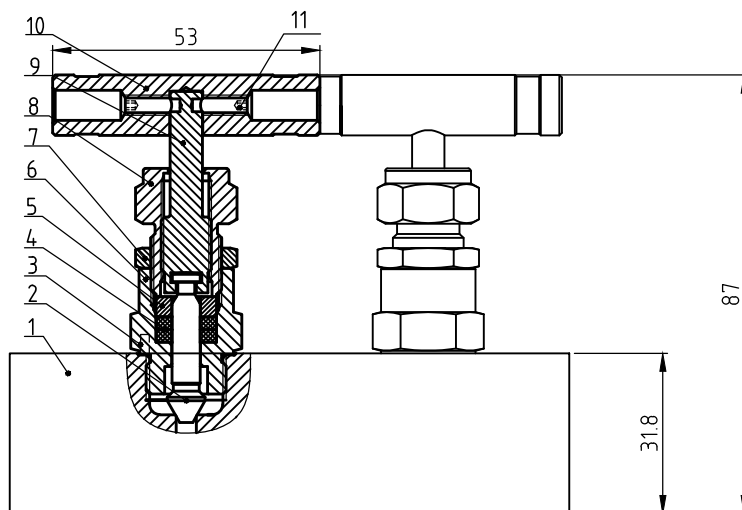
Technical Data:

Inlet Size	1/2NPT(F)
Outlet Size	1/2NPT(F)
Vent Size	1/4NPT(F)
Orifice Size	0.16in(4.0mm)

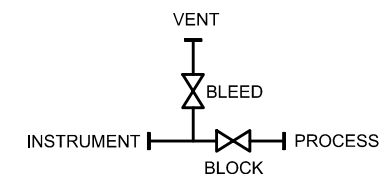
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Jul.08.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-207-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Pin	304.S.S
4	Packing	PTFE/ASTM D1710
5	Gland	316.S.S/ASTM A479
6	Bonnet	316.S.S/ASTM A479
7	Nut	630.S.S/ASTM B783
8	Packing Nut	316.S.S/ASTM A479
9	Upper Stem	316.S.S/ASTM A479
10	Handle	6061
11	Screw	Galvanized steel



Technical Data:

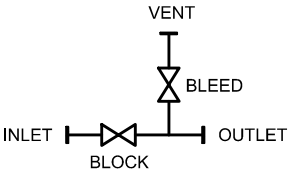
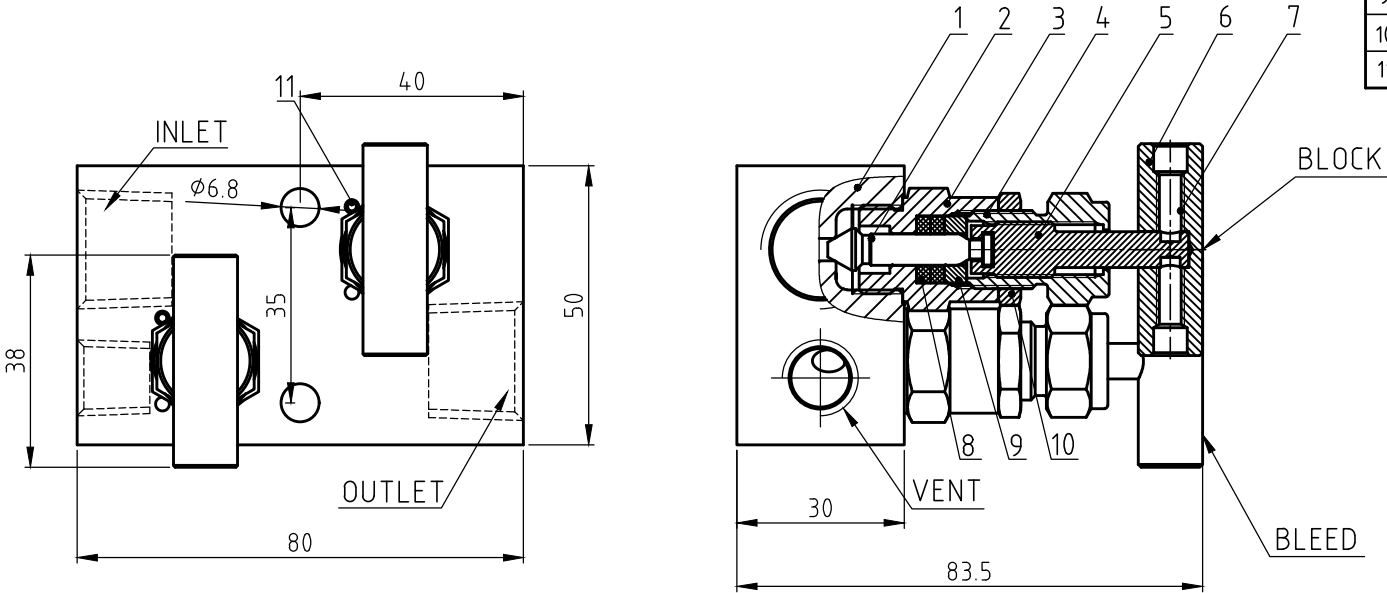
Cv	0.35
Inlet Size	1/2NPT(F)
Outlet Size	1/2NPT(F)
Vent Size	1/4NPT(F)
Orifice Size	4.0mm

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	May.26.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-207-316-EER01		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE
9	Gland	316.S.S/ASTM A479
10	Nut	630 S.S/ASTM B783
11	Pin	304.S.S



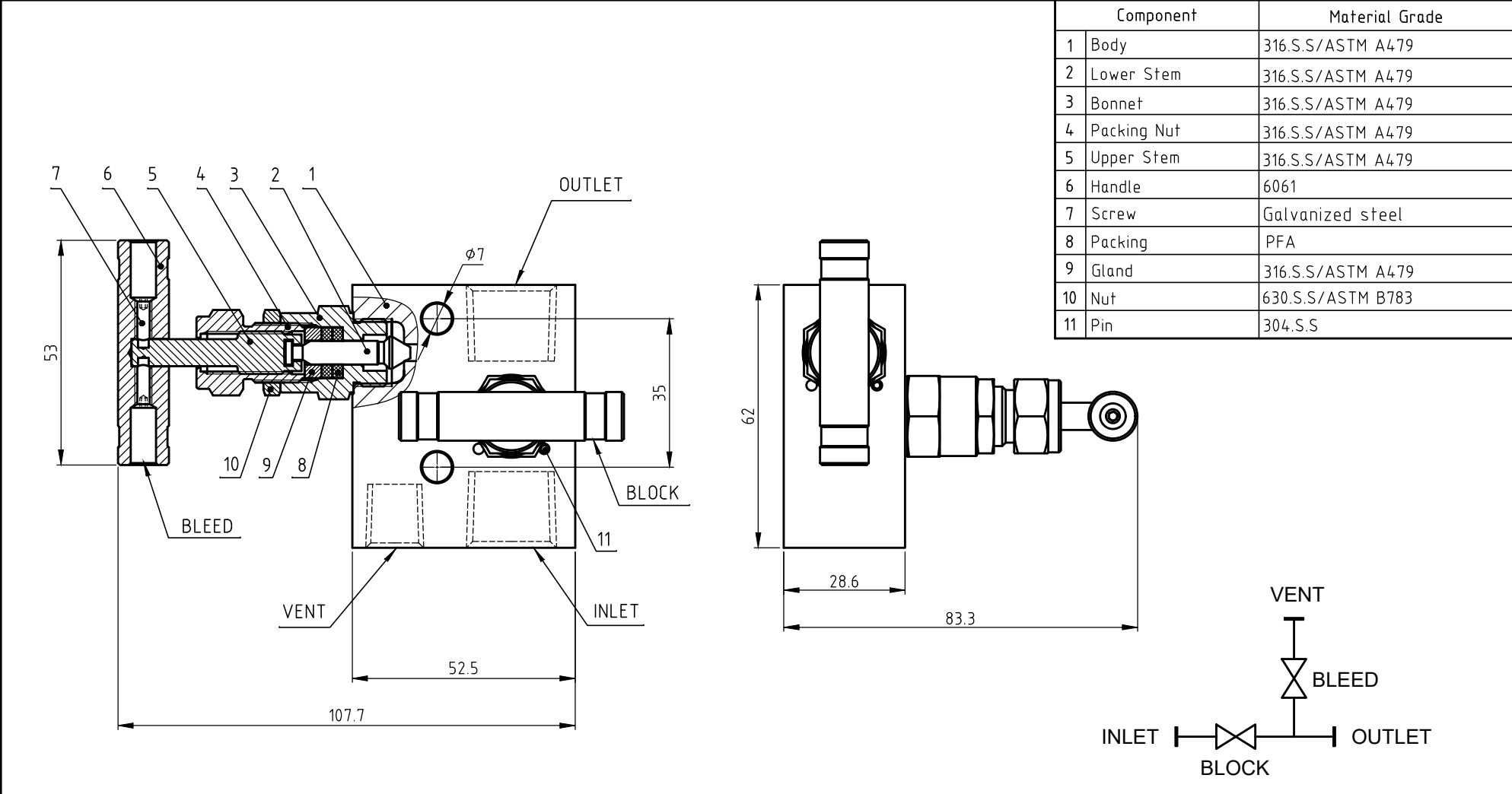
Technical Data:

Cv	0.35
Inlet Size	1/2 NPT(F)
Outlet Size	1/2 NPT(F)
Vent Size	1/4 NPT(F)
Orifice Size	4.0mm

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Jun.02.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-207-316-FF0201		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PFA
9	Gland	316.S.S/ASTM A479
10	Nut	630.S.S/ASTM B783
11	Pin	304.S.S

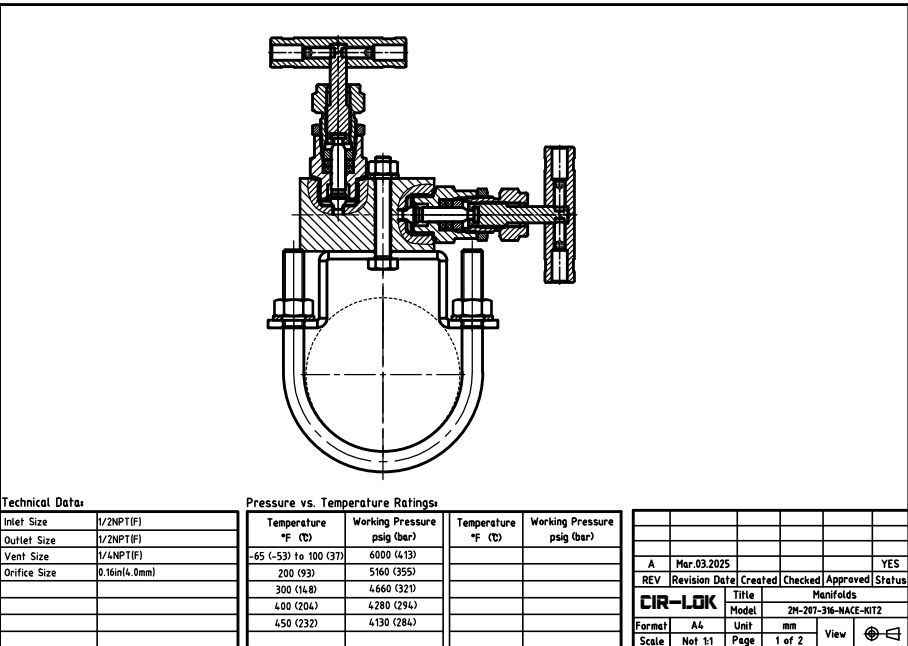
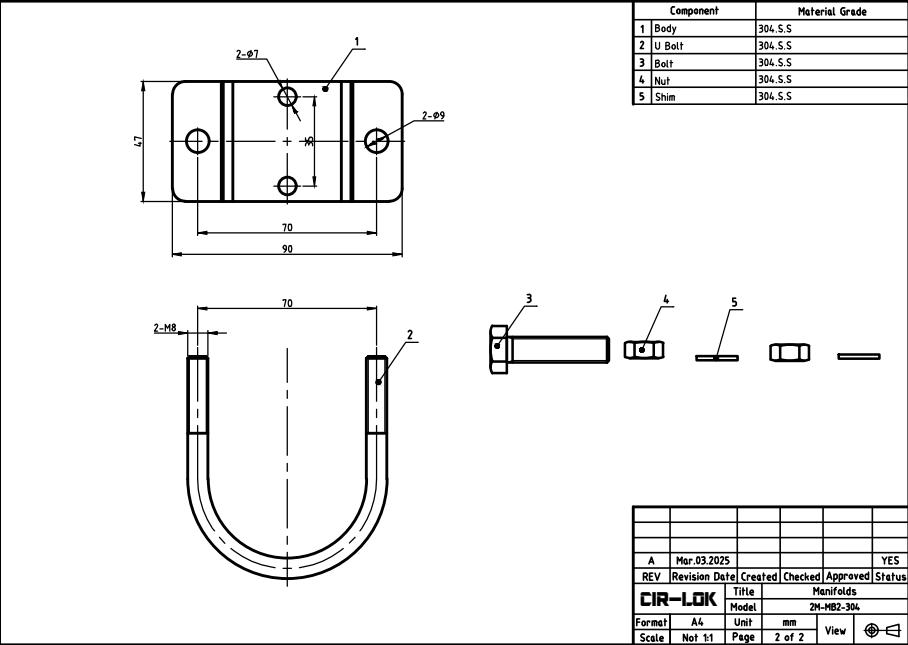
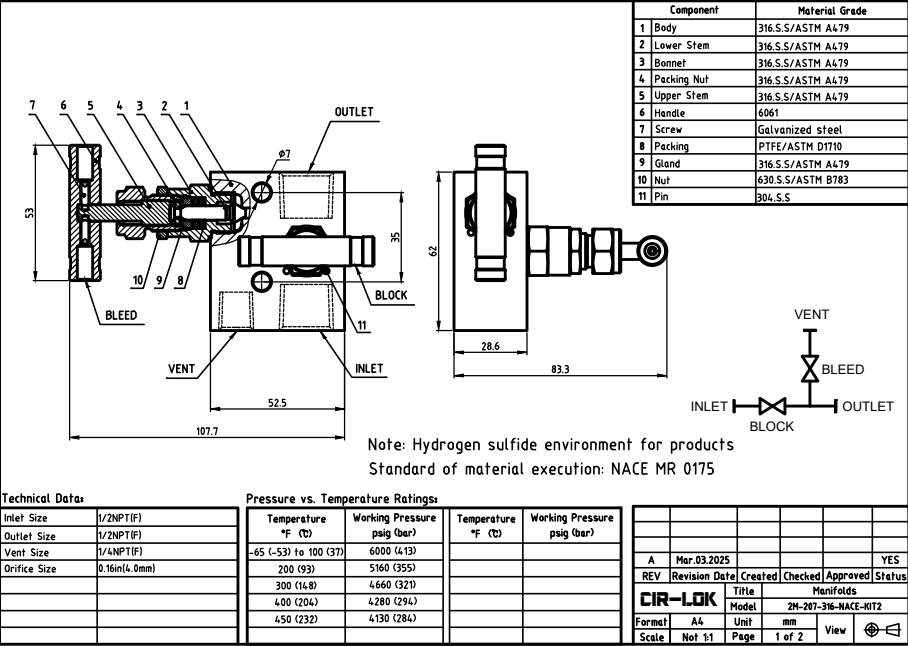
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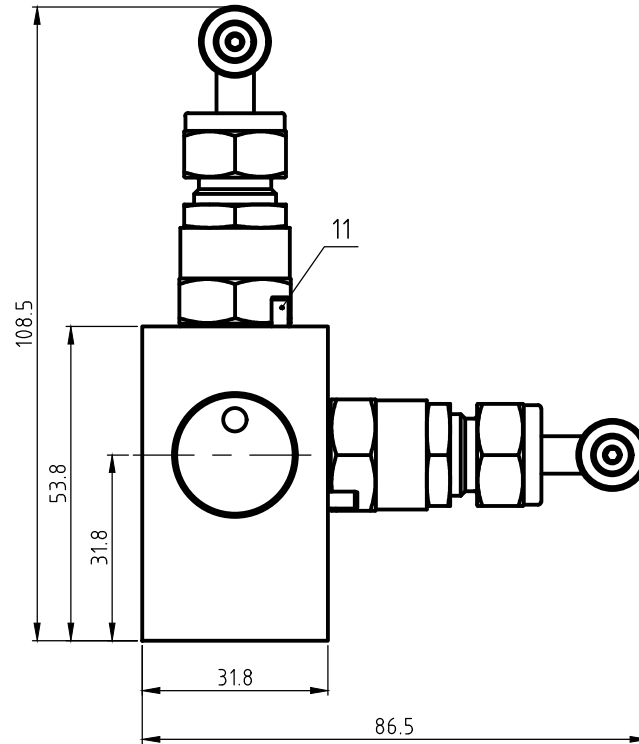
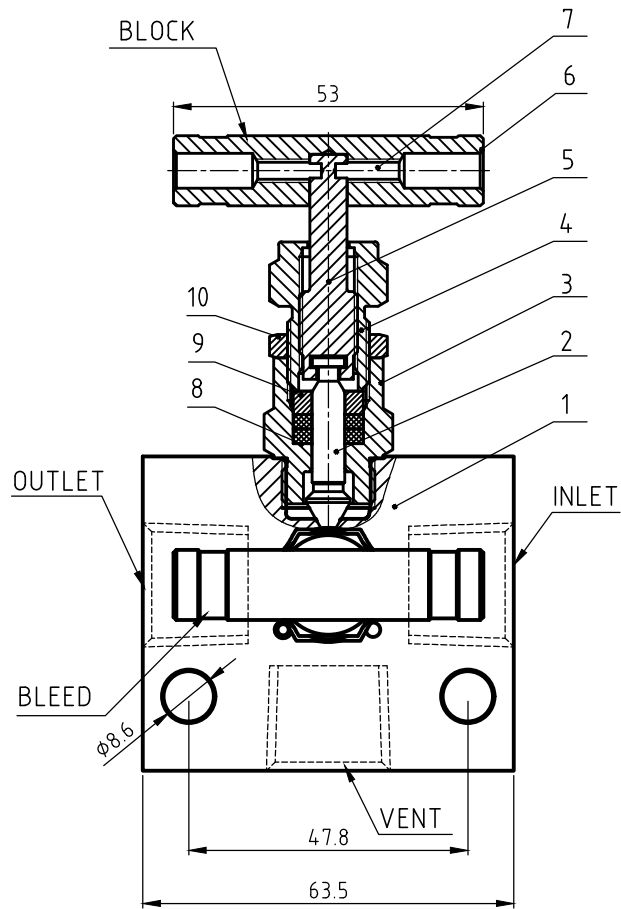
Inlet Size	1/2NPT(F)
Outlet Size	1/2NPT(F)
Vent Size	1/4NPT(F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

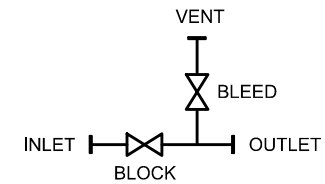
Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Nov.27.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-207-316-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	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	S17400/ASTM B783
11	Pin	304 S.S.



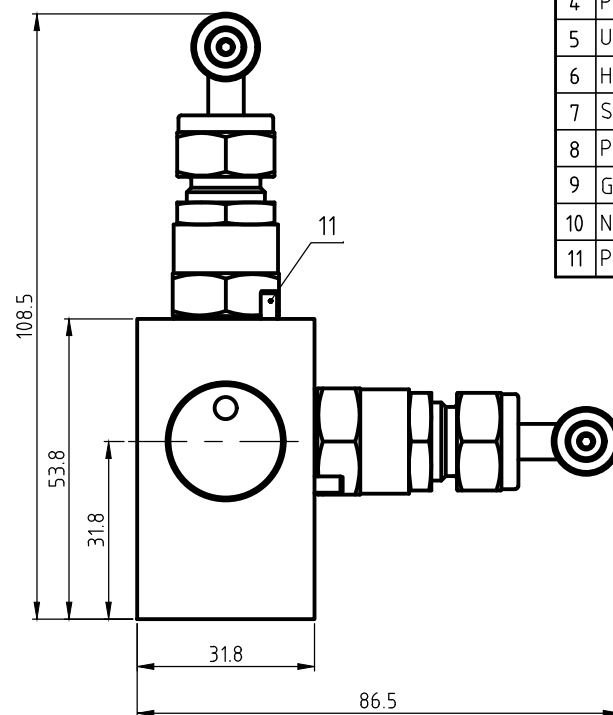
Technical Data:

Inlet Size	1/2 NPT (F)
Outlet Size	1/2 NPT (F)
Vent Size	1/2 NPT (F)
Orifice Size	0.16in(4.0mm)

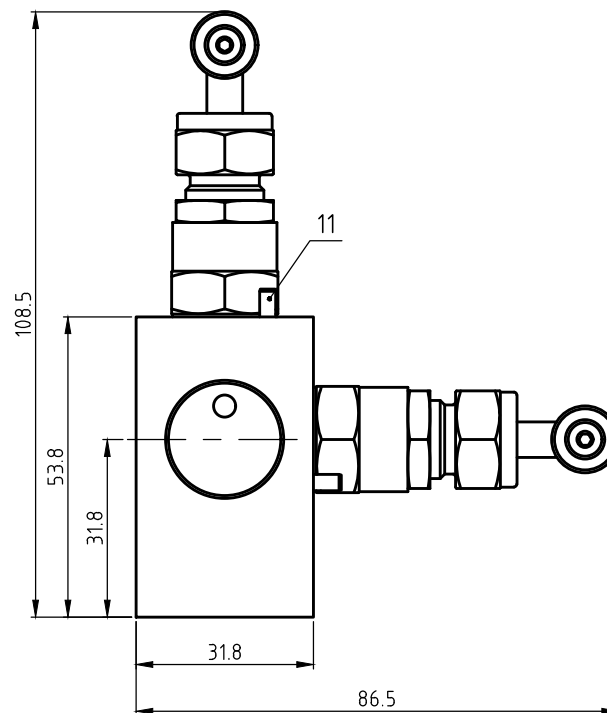
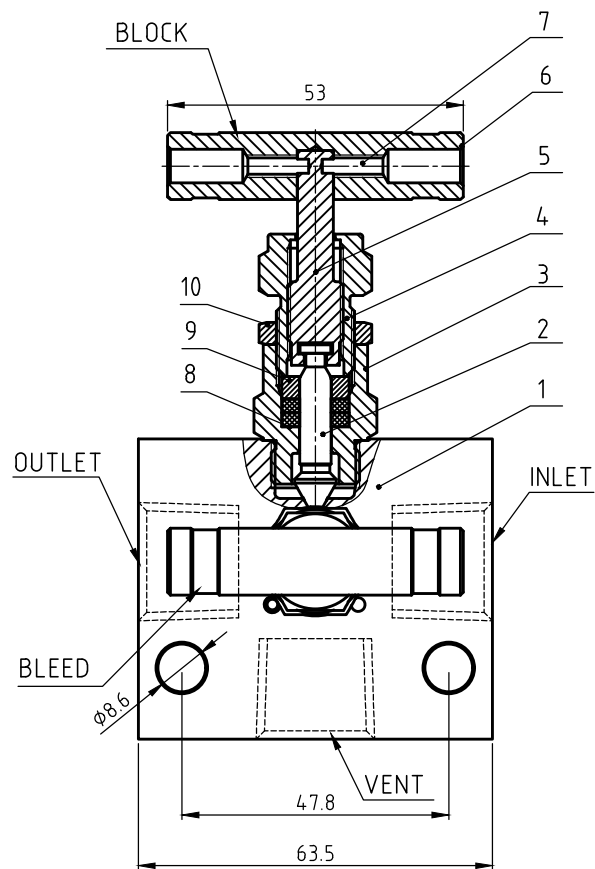
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-54) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

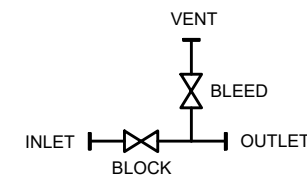
A	Mar.02.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-210-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



A	May.9.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-210-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	C276/ASTM B574
2	Lower Stem	C276/ASTM B574
3	Bonnet	C276/ASTM B574
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	630.S.S/ASTM B783
11	Pin	304 S.S.



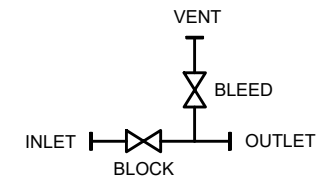
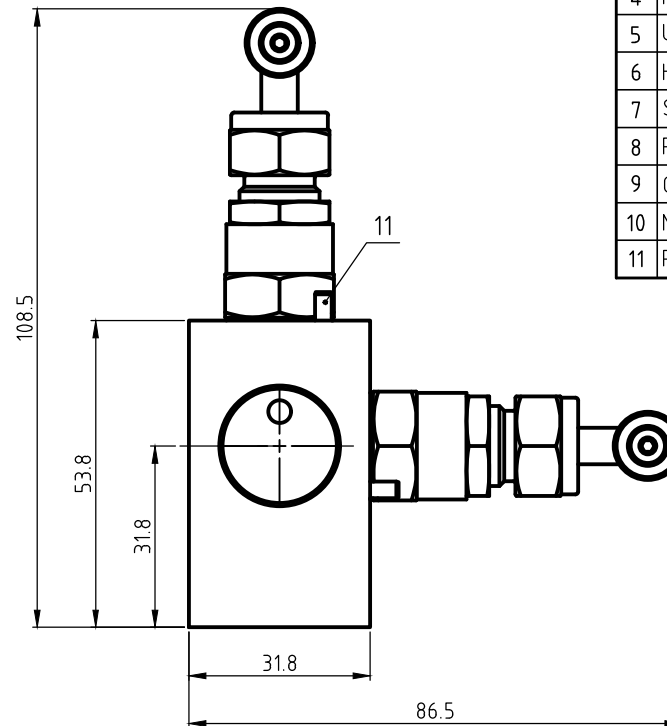
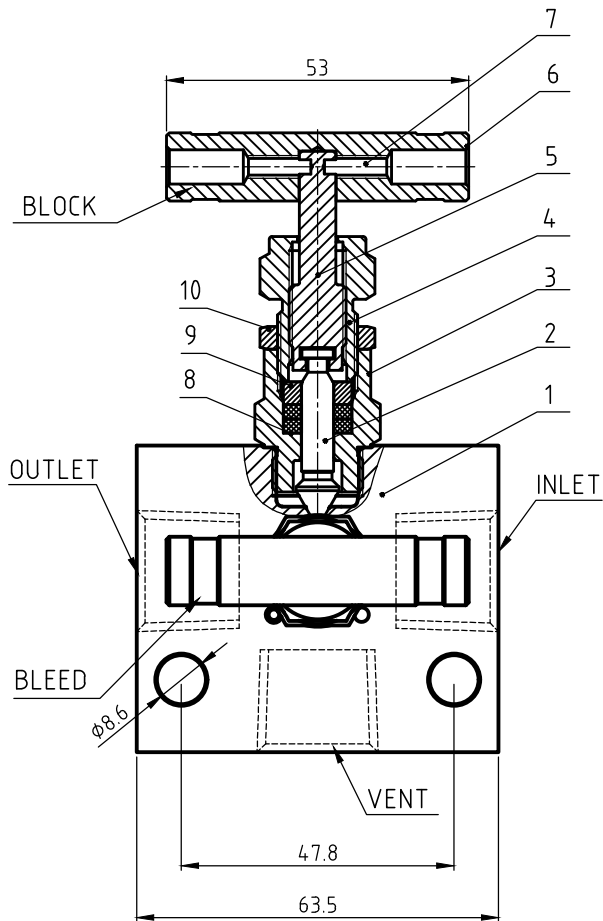
Technical Data:

Inlet Size	1/2 NPT (F)
Outlet Size	1/2 NPT (F)
Vent Size	1/2 NPT (F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-54) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Oct.13.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-210-A276		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	304 S.S.
8	Packing	Graphite
9	Gland	316.S.S/ASTM A479
10	Nut	S17400/ASTM B783
11	Pin	304 S.S.

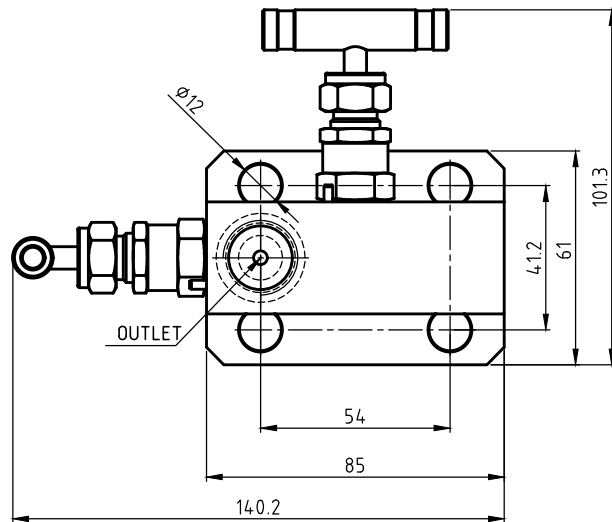
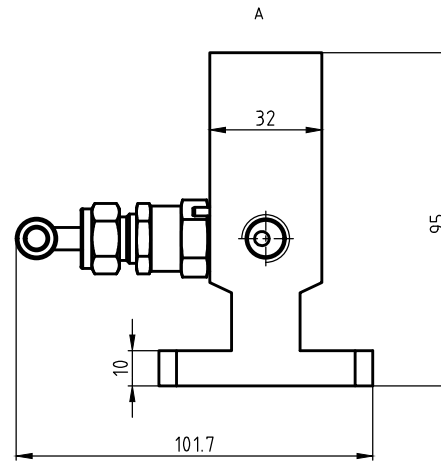
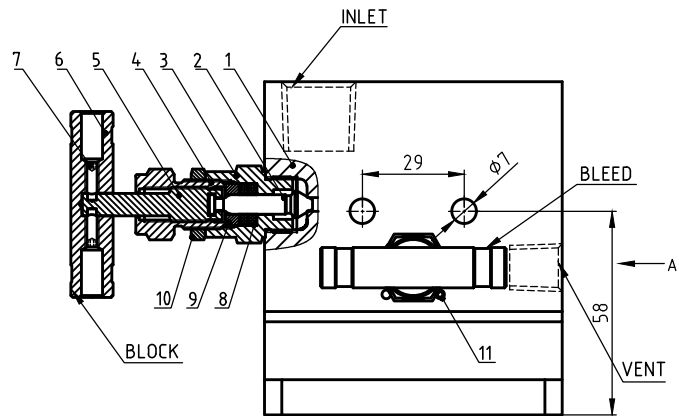
Technical Data:

Inlet Size	1/2 NPT (F)
Outlet Size	1/2 NPT (F)
Vent Size	1/2 NPT (F)
Orifice Size	0.16in(4.0mm)

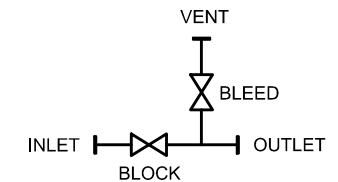
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-54) to 100 (37)	6000 (413)	700 (371)	3620 (249)
200 (93)	5160 (355)	800 (426)	3520 (242)
300 (148)	4660 (321)	900 (482)	3460 (239)
400 (204)	4280 (294)	1000 (537)	3030 (209)
500 (260)	3980 (274)	1100 (593)	2545 (175)
600 (315)	3760 (259)	1200 (648)	1545 (107)

A	Apr.22.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-210-G-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	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	S17400/ASTM B783
11	Pin	304.S.S



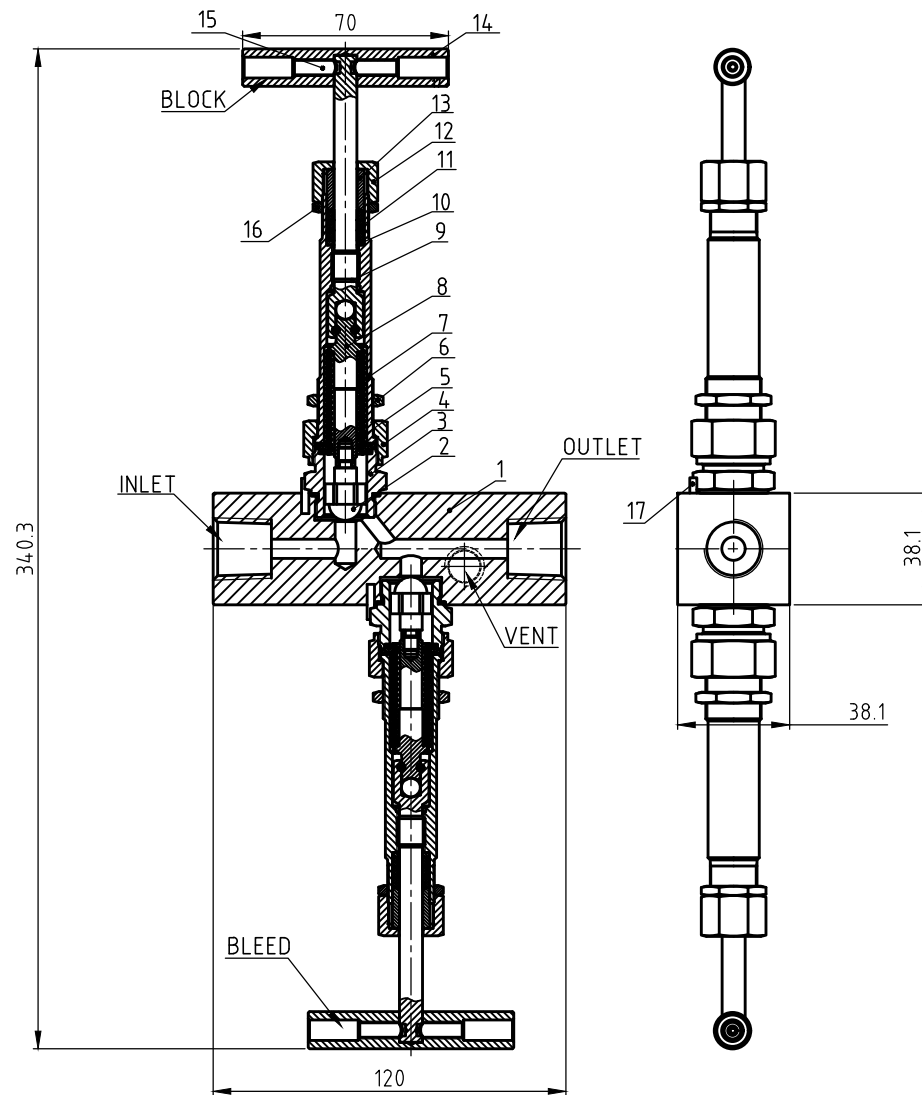
Technical Data:

Inlet Size	1/2NPT(F)
Outlet Size	Flanged
Vent Size	1/4NPT(F)
Orifice Size	0.16in(4.0mm)

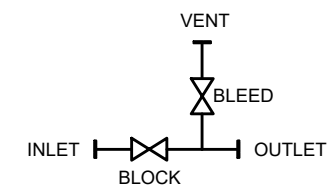
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Sep.27.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-211-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Adapter	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Bonnet Nut	316.S.S/ASTM A479
5	Bellows	316.S.S/ASTM A479
6	Nut	630.S.S/ASTM B783
7	Bonnet	316.S.S/ASTM A479
8	Lower Stem	316.S.S/ASTM A479
9	Upper Stem	316.S.S/ASTM A479
10	Gland	316.S.S/ASTM A479
11	Packing	PTFE/ASTM D1710
12	Locking Nut	316.S.S/ASTM A479
13	Gland	316.S.S/ASTM A479
14	Handle	6061
15	Screw	Galvanized steel
16	Nut	630.S.S/ASTM B783
17	Pin	304



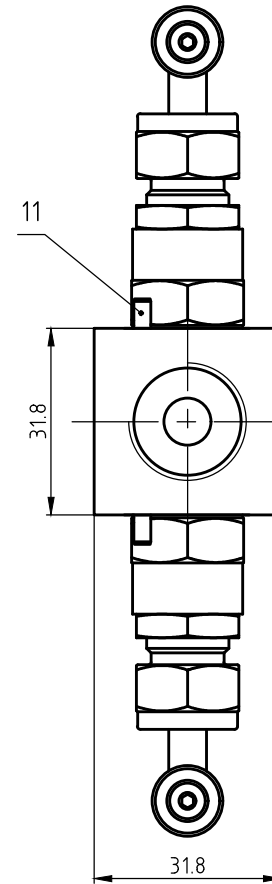
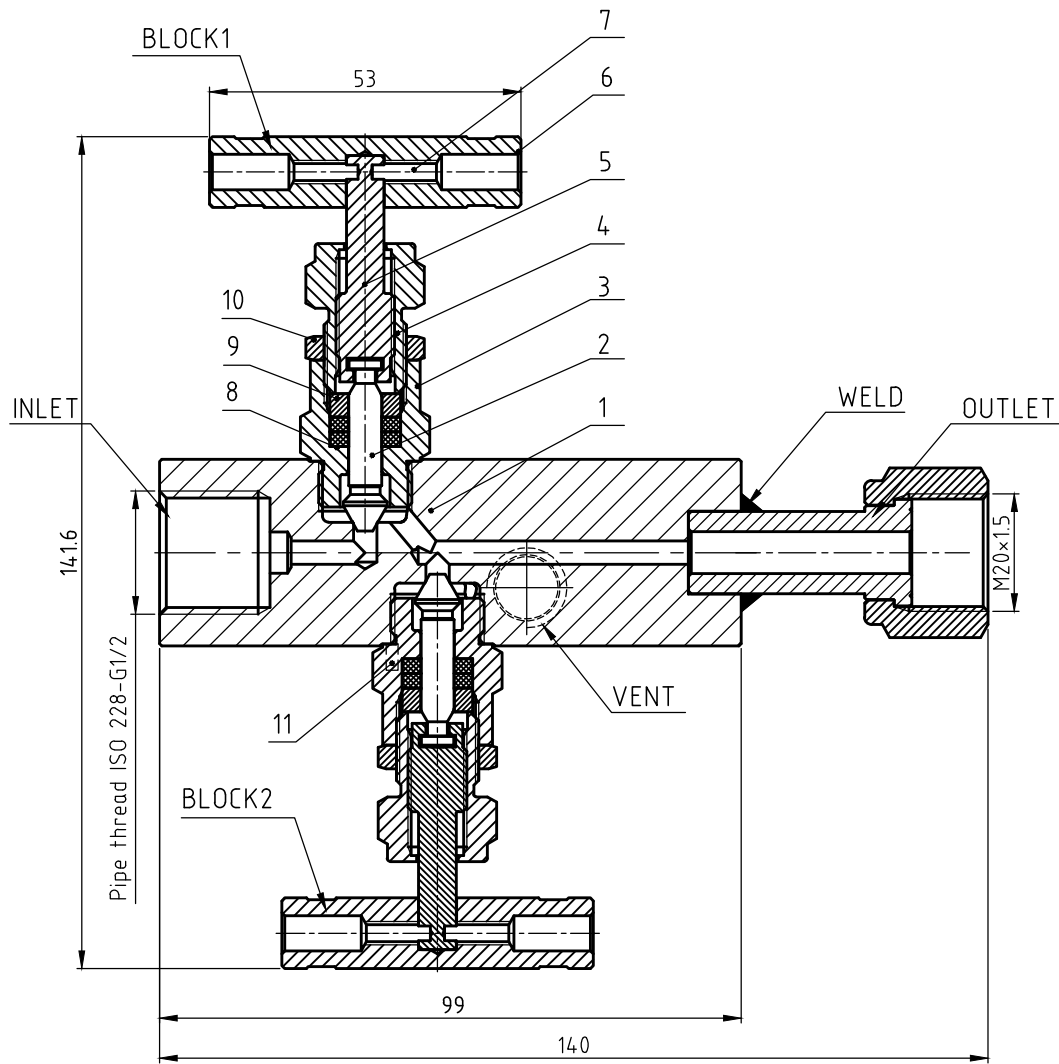
Technical Data:

Inlet Size	1/2 NPT (F)
Outlet Size	1/2 NPT (F)
Vent Size	1/4 NPT (F)
Orifice Size	0.27in(7.0mm)

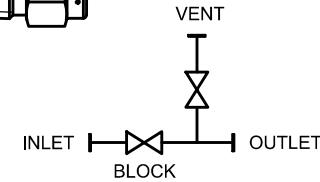
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-325 (-198) to 400 (204)	2500 (172)		

A	Aug.04, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-BS2-FNPT8-316-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	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	630.S.S/ASTM B783
11	Pin	304
12	Plug	316.S.S/ASTM A479



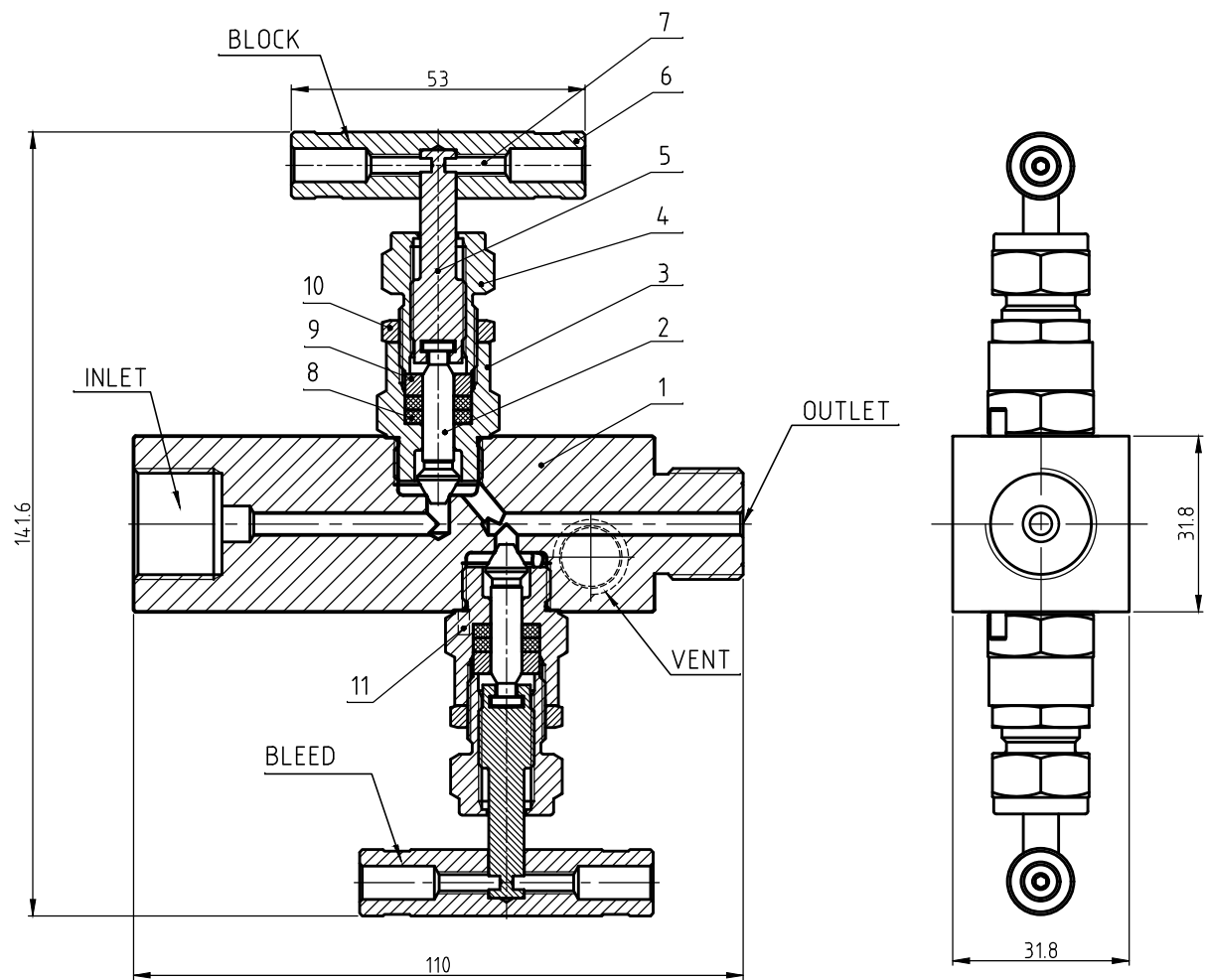
Technical Data:

Inlet Size	G1/2 (F)
Outlet Size	ISO261 M20X1.5
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

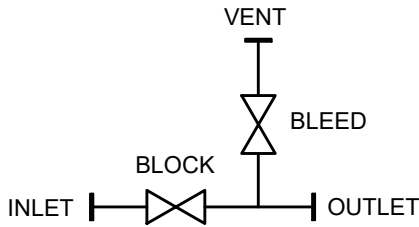
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	May.02, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-FBP8-SFMS20-P-316-FE201		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	630.S.S/ASTM B783
11	Pin	304



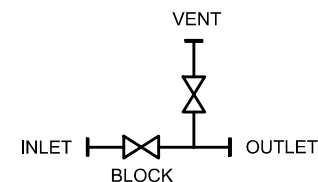
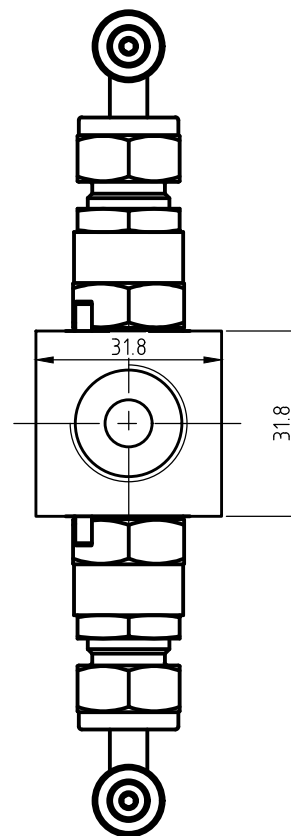
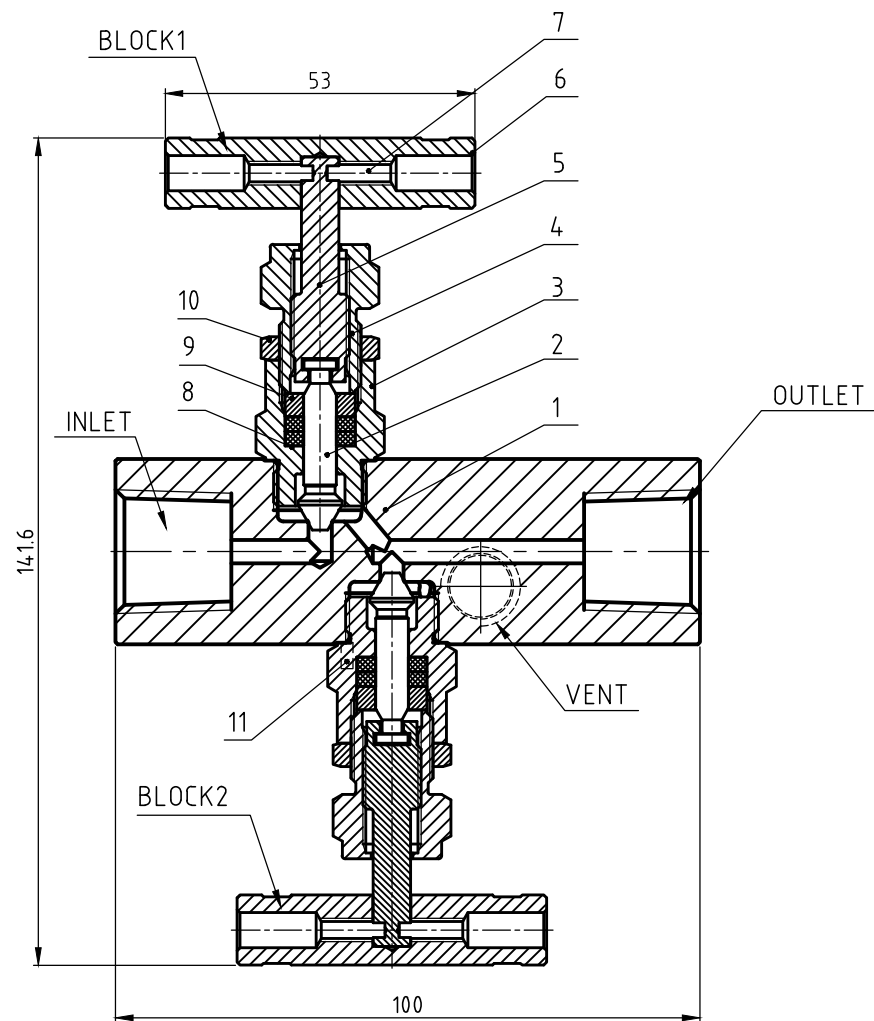
Technical Data:

Inlet Size	ISO261 M20X1.5
Outlet Size	ISO261 M20X1.5
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Oct.9, 2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-FMS20-MS20-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	630.S.S/ASTM B783
11	Pin	304

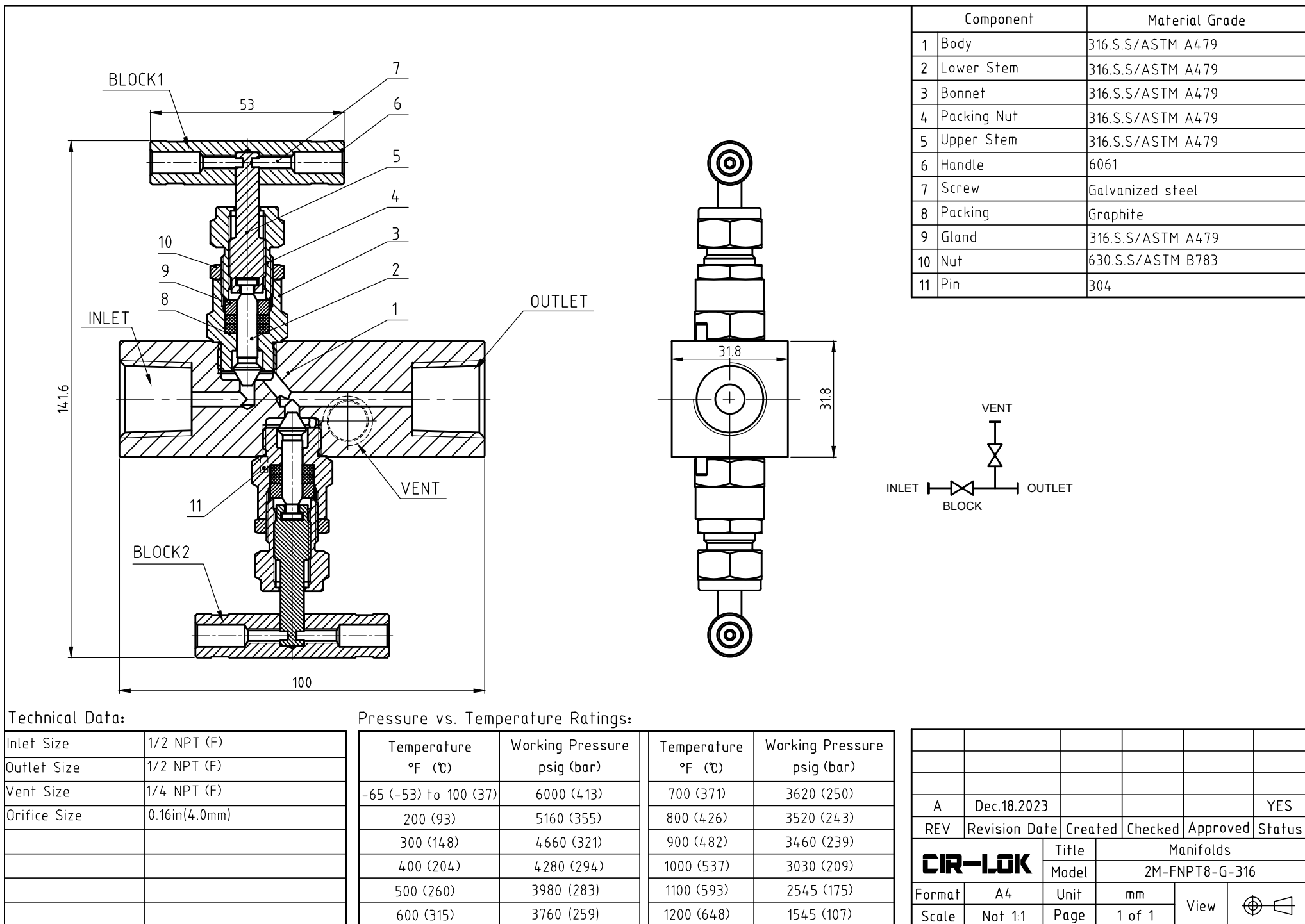
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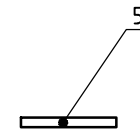
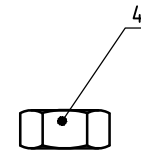
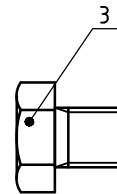
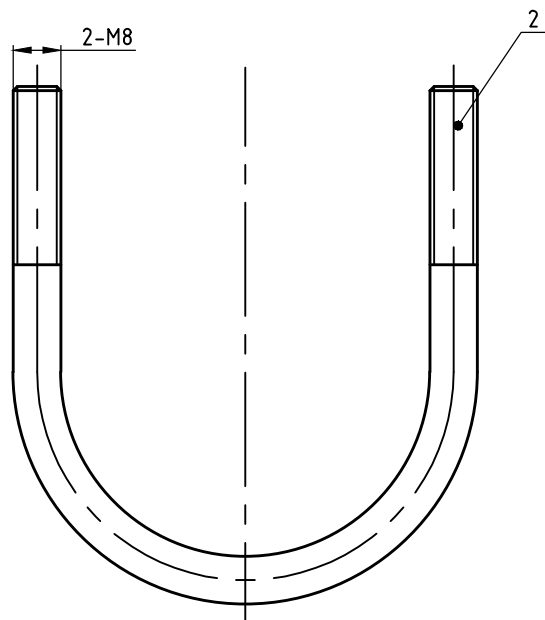
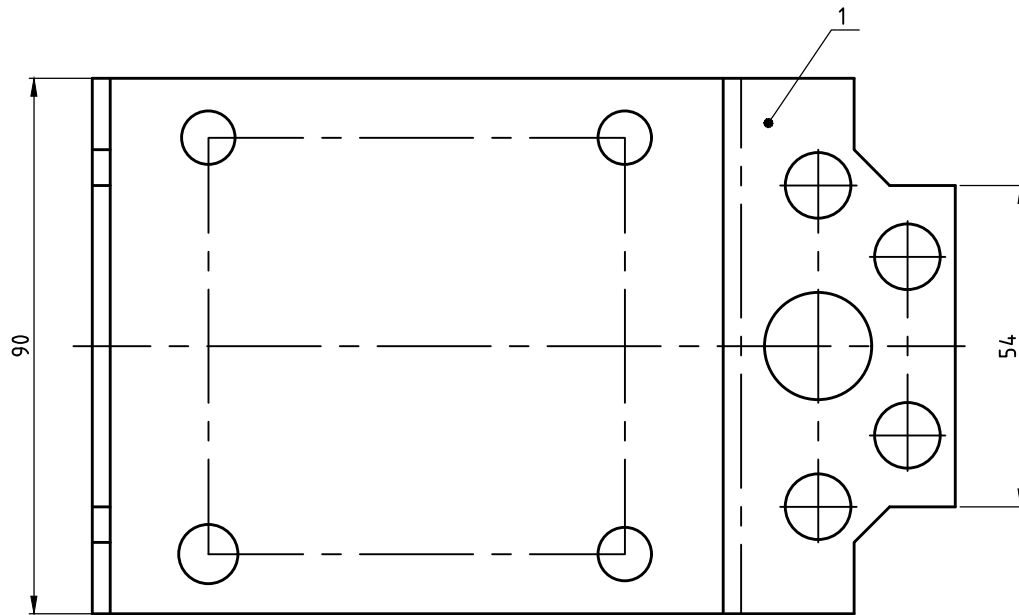
Inlet Size	1/2 NPT (F)
Outlet Size	1/2 NPT (F)
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Jun.23, 2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-FNPT8-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

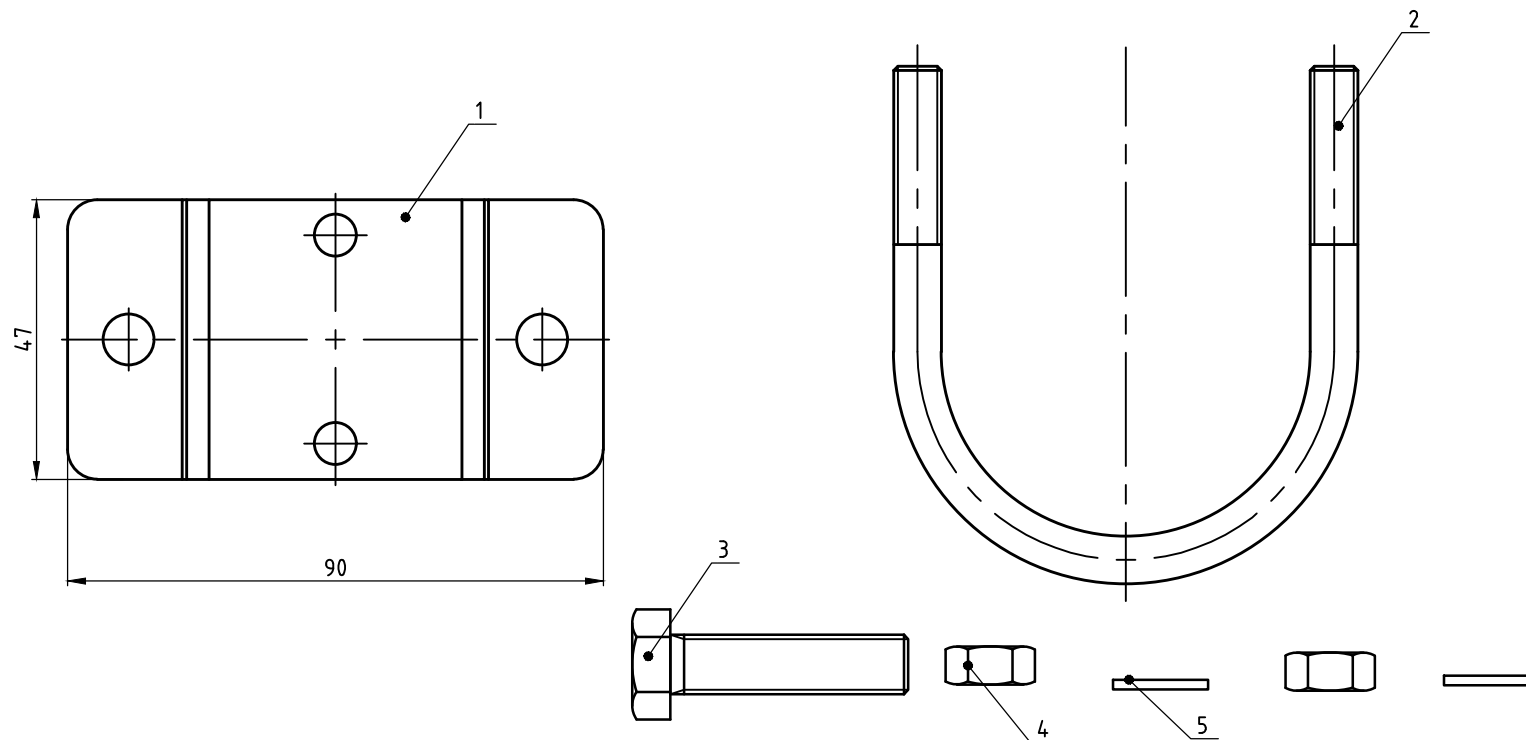




Component		Material Grade
1	Body	304.S.S
2	U Bolt	304.S.S
3	Bolt	304.S.S
4	Nut	304.S.S
5	Shim	304.S.S

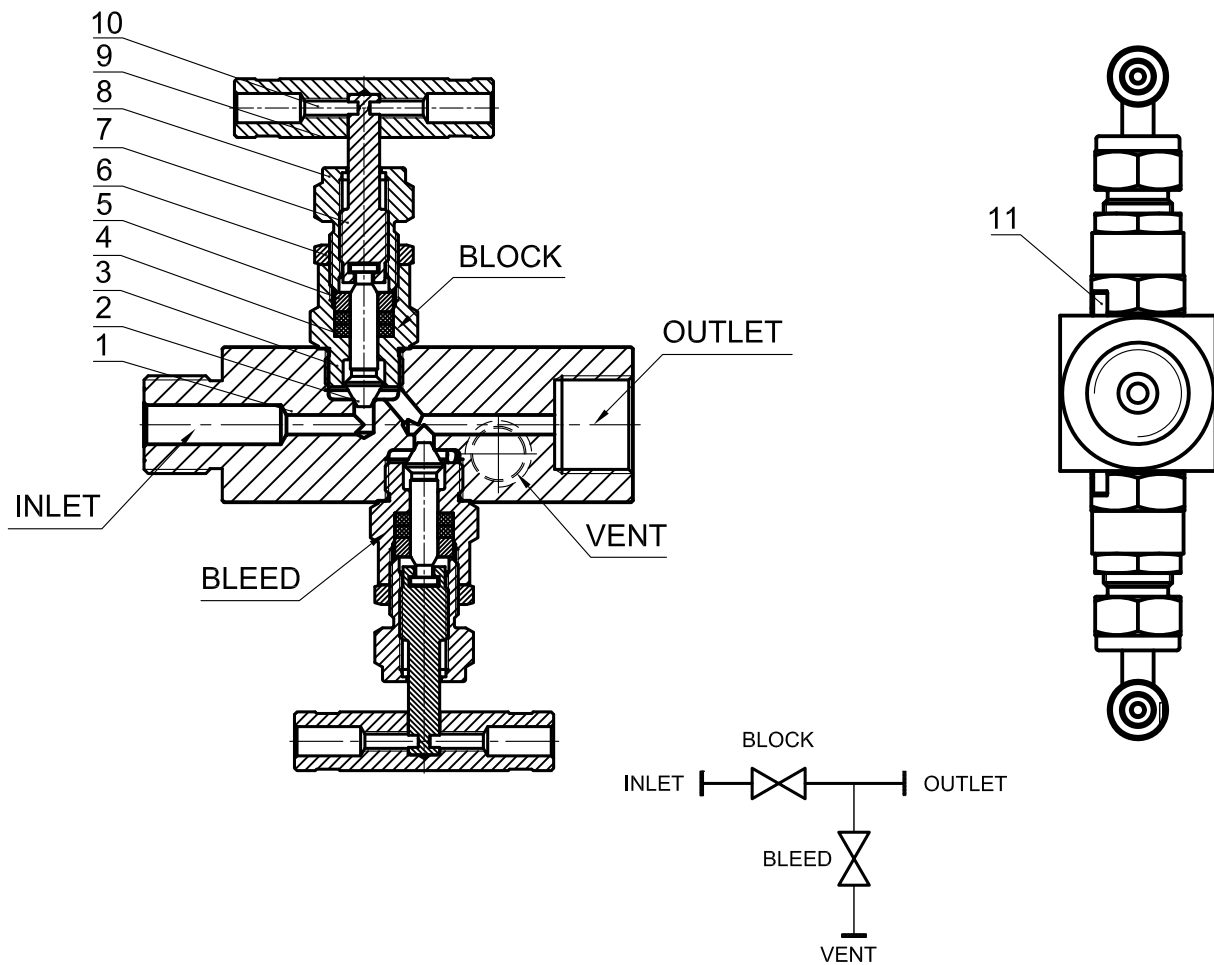
A	Jun.09, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title			
		Model	2M-MB1-304		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Body	304.S.S
2	U Bolt	304.S.S
3	Bolt	304.S.S
4	Nut	304.S.S
5	Shim	304.S.S



A	Jun.09, 2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title			
		Model	2M-MB2-304		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Material of Construction

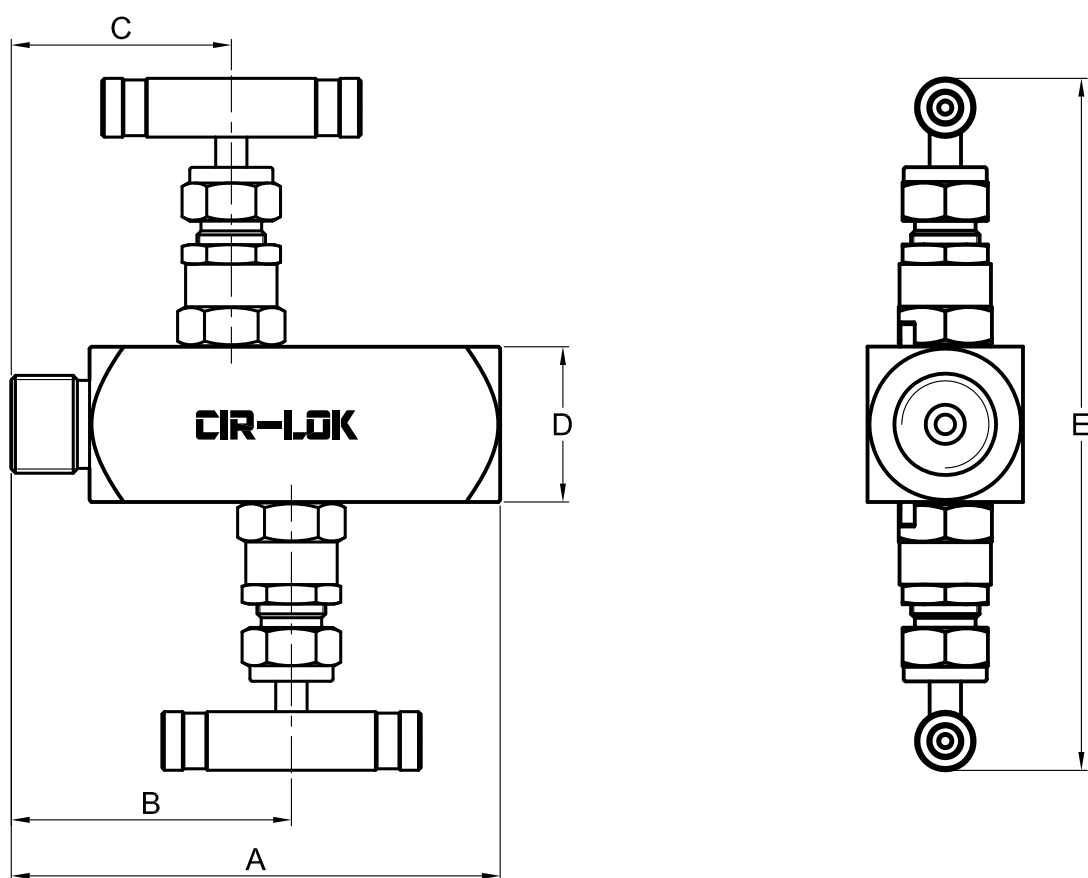


Component		Material Grade	Component		Material Grade
1	Body	316.S.S/ASTM A479	13		
2	Lower Stem	316.S.S/ASTM A479	14		
3	Bonnet	316.S.S/ASTM A479	15		
4	Packing	PTFE/D1710	16		
5	Gland	316.S.S/ASTM A479	17		
6	Nut	S17400/B783	18		
7	Upper Stem	316.S.S/ASTM A479	19		
8	Packing Nut	316.S.S/ASTM A479	20		
9	Handle	6061	21		
10	Screw	304.S.S	22		
11	Pin	304	23		
12			24		

Pressure vs. Temperature

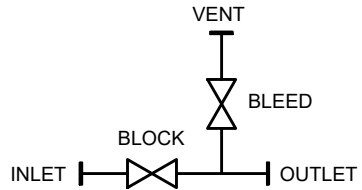
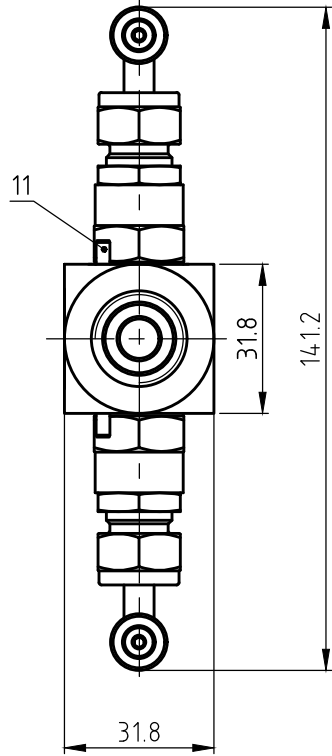
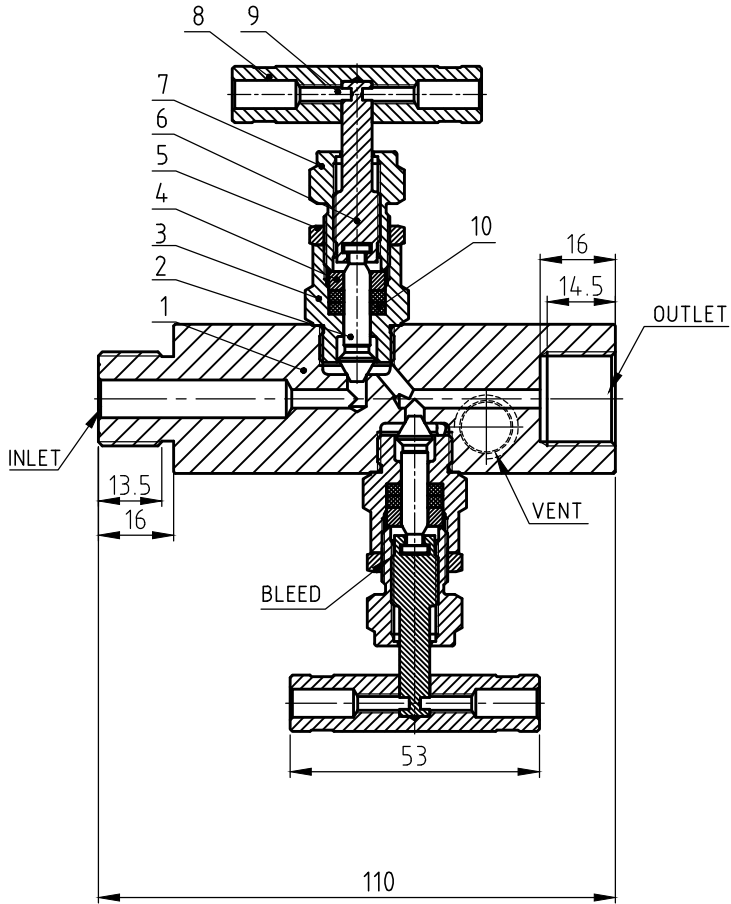
Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)	500 (260)	
200 (93)	5160 (355)	600 (315)	
300 (148)	4660 (321)	700 (371)	
400 (204)	4280 (294)	800 (426)	

Dimensions



Inlet Size	Outlet Size	Vent Size	Orifice Size in (mm)	
M20x1.5	M20x1.5 (F)	1/4 NPT (F)	0.16 (4.0)	
Dimensions in. (mm)				
A	B	C	D	E
3.94 (100)	2.25 (57.3)	1.77 (45)	1.25 (31.8)	5.57 (141.6)
F	G	H	J	K

Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Lower Stem	316 S.S./ASTM A479
3	Bonnet	316 S.S./ASTM A479
4	Gland	316 S.S./ASTM A479
5	Nut	630 S.S./ASTM B783
6	Upper Stem	316 S.S./ASTM A479
7	Packing Nut	316 S.S./ASTM A479
8	Handle	6061
9	Screw	Galvanized steel
10	Packing	PTFE/ASTM D1710
11	Pin	304 S.S.



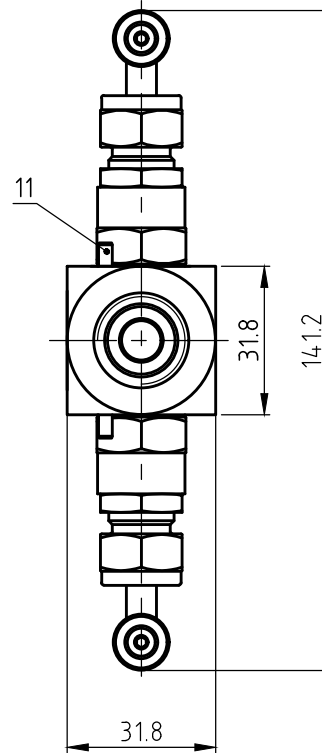
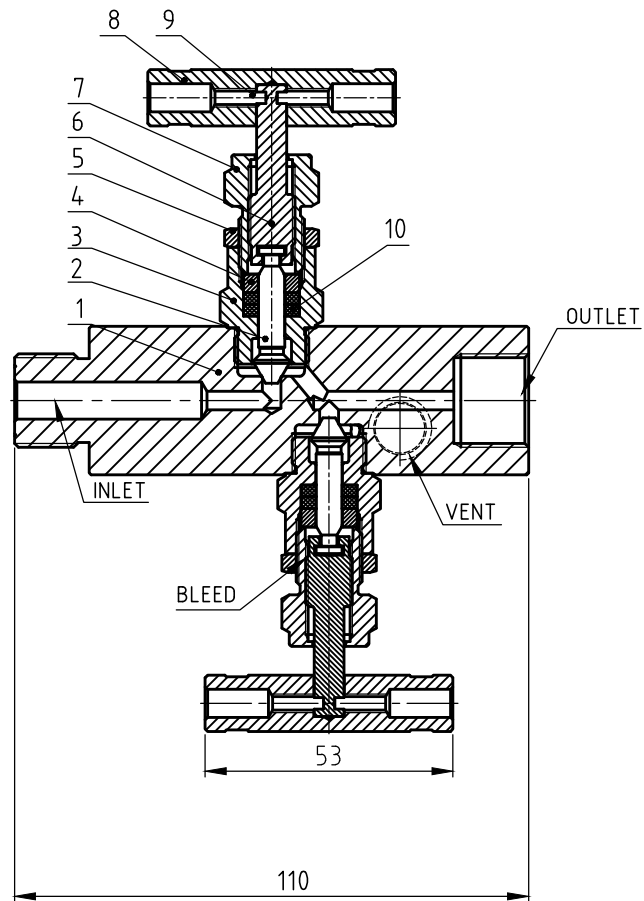
Technical Data:

Inlet Size	ISO261 M20X1.5
Outlet Size	ISO261 M20X1.5
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

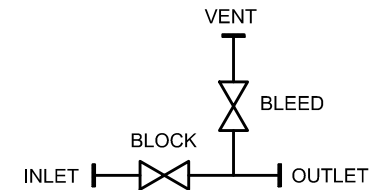
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-54) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

B	Jul.24.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-MS20-FMS20-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Lower Stem	316 S.S./ASTM A479
3	Bonnet	316 S.S./ASTM A479
4	Gland	316 S.S./ASTM A479
5	Nut	630 S.S./ASTM B783
6	Upper Stem	316 S.S./ASTM A479
7	Packing Nut	316 S.S./ASTM A479
8	Handle	6061
9	Screw	Galvanized steel
10	Packing	PTFE/ASTM D1710
11	Pin	304 S.S.



Technical Data:

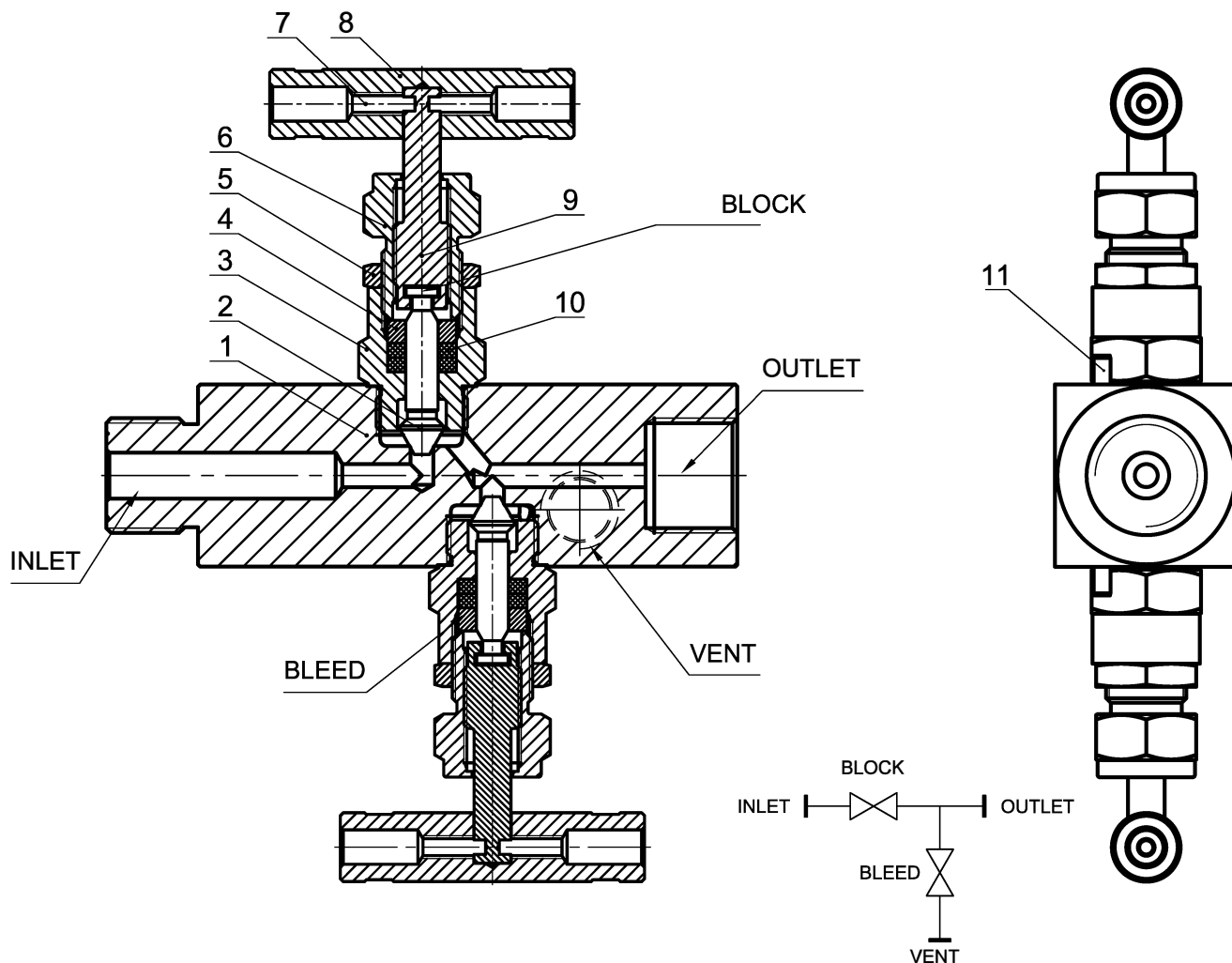
Inlet Size	ISO261 M20X1.5
Outlet Size	ISO261 M20X1.5
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-54) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

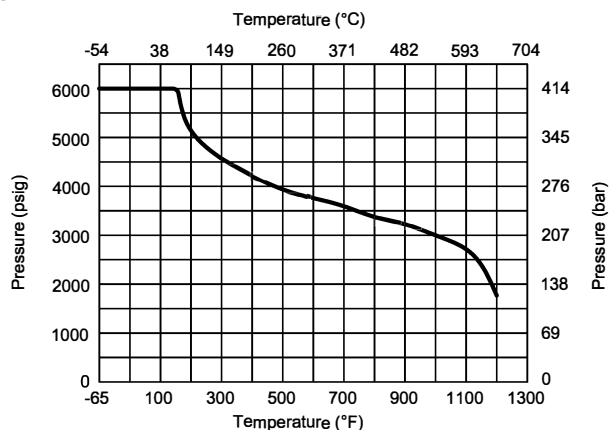
A	Dec.15.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-MS20-FMS20-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Material of Construction

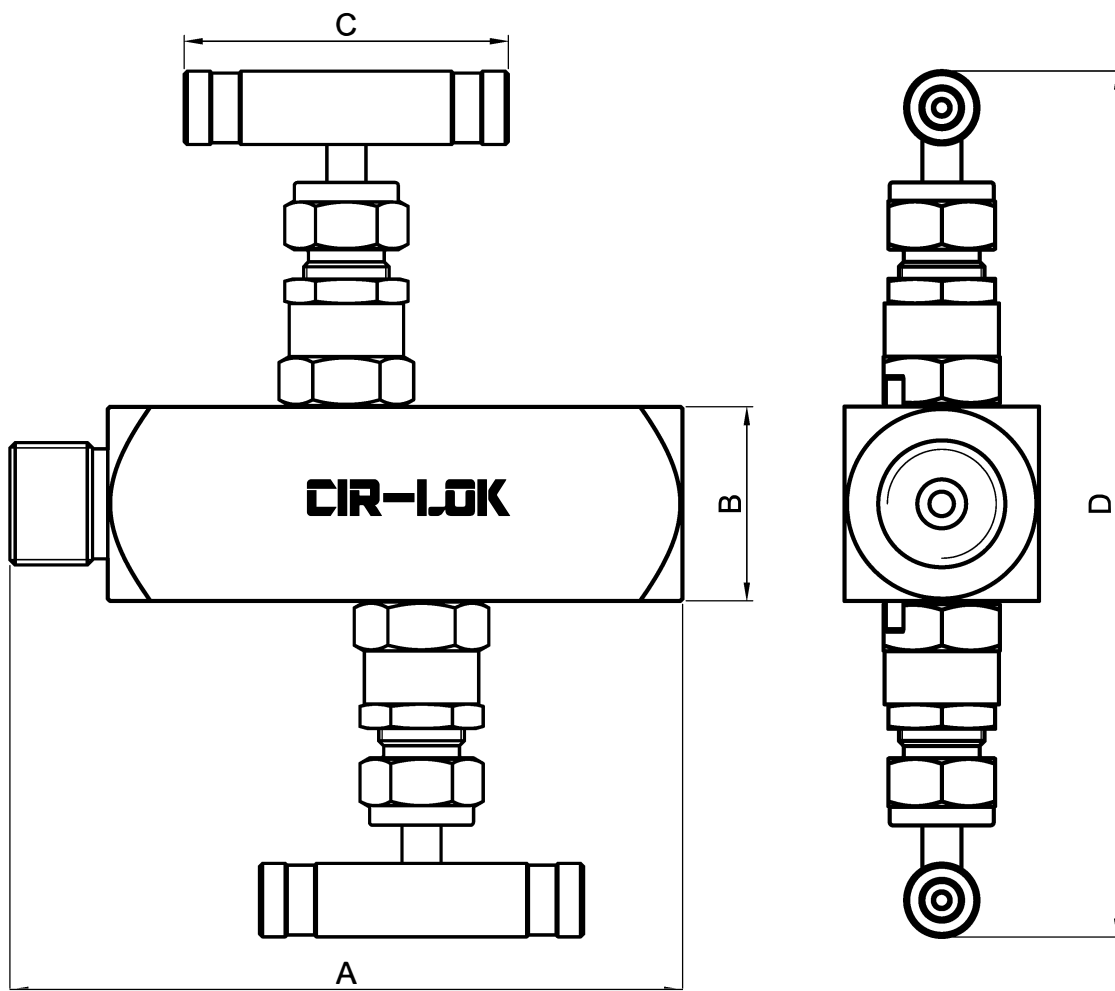


Component			Material Grade			Component			Material Grade		
1	Body		316.S.S/ASTM A479			13					
2	Lower Stem		316.S.S/ASTM A479			14					
3	Bonnet		316.S.S/ASTM A479			15					
4	Gland		316.S.S/ASTM A479			16					
5	Nut		S17400/ASTM B783			17					
6	Packing Nut		316.S.S/ASTM A479			18					
7	Screw		304.S.S			19					
8	Handle		6061			20					
9	Upper Stem		316.S.S/ASTM A479			21					
10	Packing		Graphite			22					
11	Pin		304			23					
12						24					

Pressure vs. Temperature

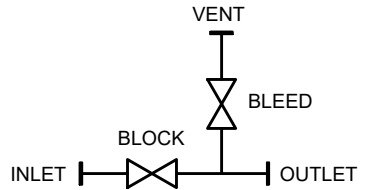
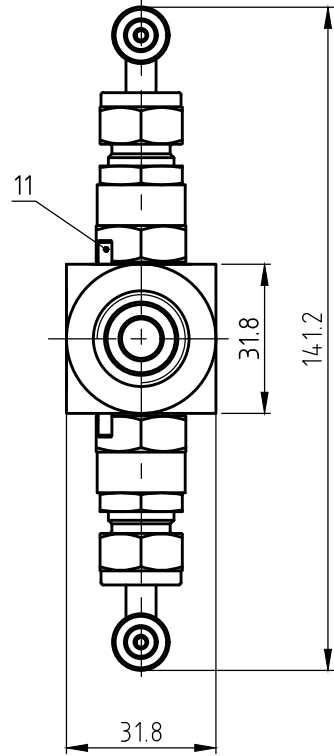
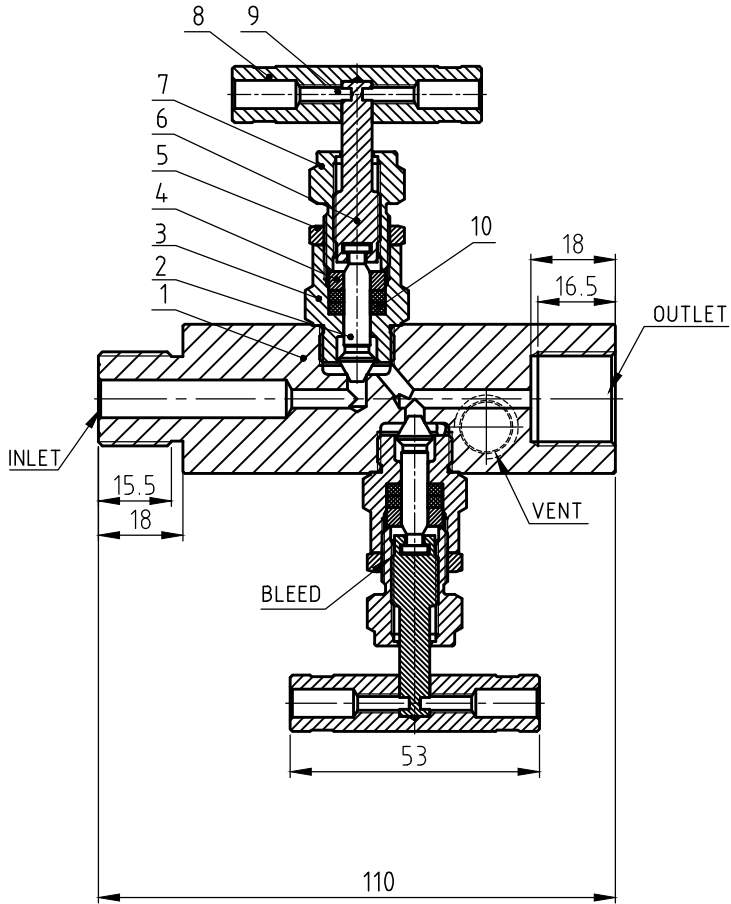


Dimensions



Inlet Size	Outlet 1 Size	Vent Size	Orifice Size in (mm)	
M20x1.5	M20x1.5 (F)	1/4 NPT (F)	0.16 (4.0)	
Dimensions in. (mm)				
A	B	C	D	E
4.33 (110)	1.25 (31.8)	2.1 (53)	5.57 (141.5)	

Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Lower Stem	316 S.S./ASTM A479
3	Bonnet	316 S.S./ASTM A479
4	Gland	316 S.S./ASTM A479
5	Nut	630 S.S./ASTM B783
6	Upper Stem	316 S.S./ASTM A479
7	Packing Nut	316 S.S./ASTM A479
8	Handle	6061
9	Screw	Galvanized steel
10	Packing	PTFE/ASTM D1710
11	Pin	304 S.S.



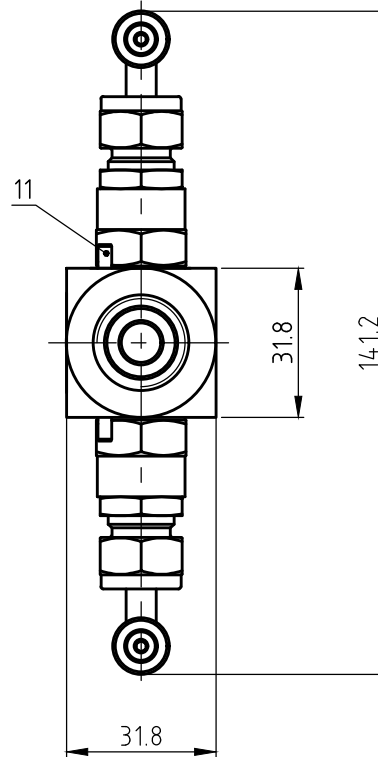
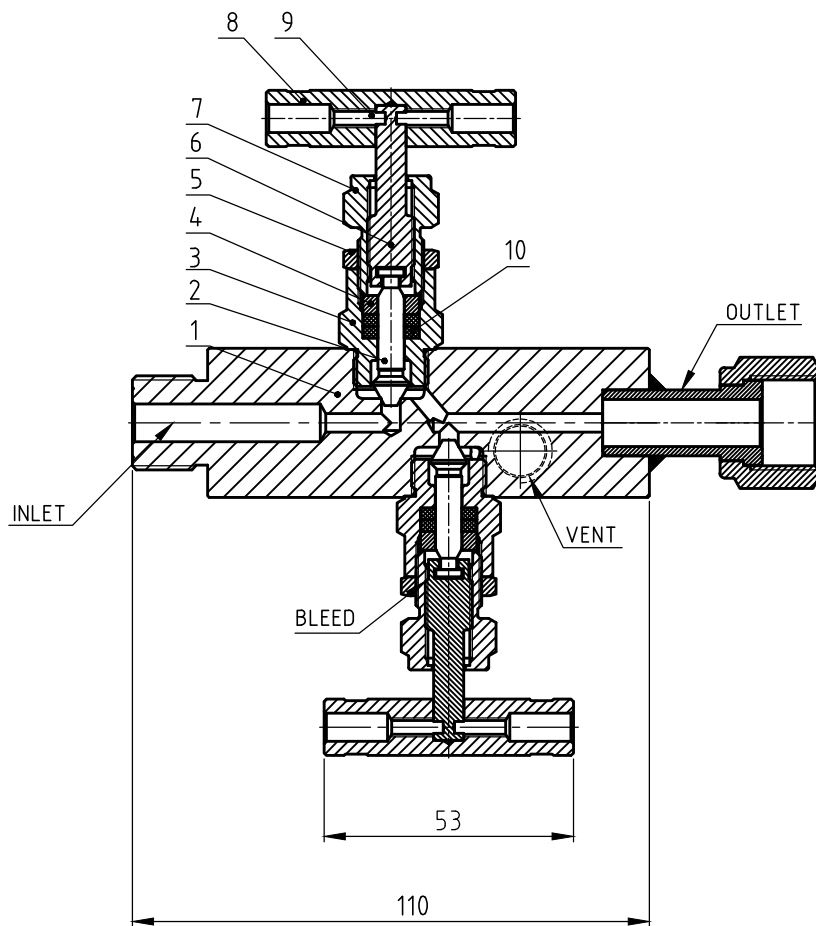
Technical Data:

Inlet Size	ISO261 M20X1.5
Outlet Size	ISO261 M20X1.5
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

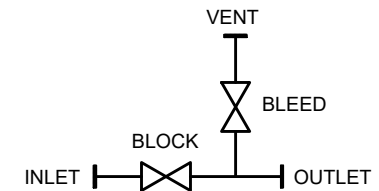
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-54) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

C	Aug.01.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-MS20-FMS20-L18-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Lower Stem	316 S.S./ASTM A479
3	Bonnet	316 S.S./ASTM A479
4	Gland	316 S.S./ASTM A479
5	Nut	630 S.S./ASTM B783
6	Upper Stem	316 S.S./ASTM A479
7	Packing Nut	316 S.S./ASTM A479
8	Handle	6061
9	Screw	Galvanized steel
10	Packing	PTFE/ASTM D1710
11	Pin	304 S.S.



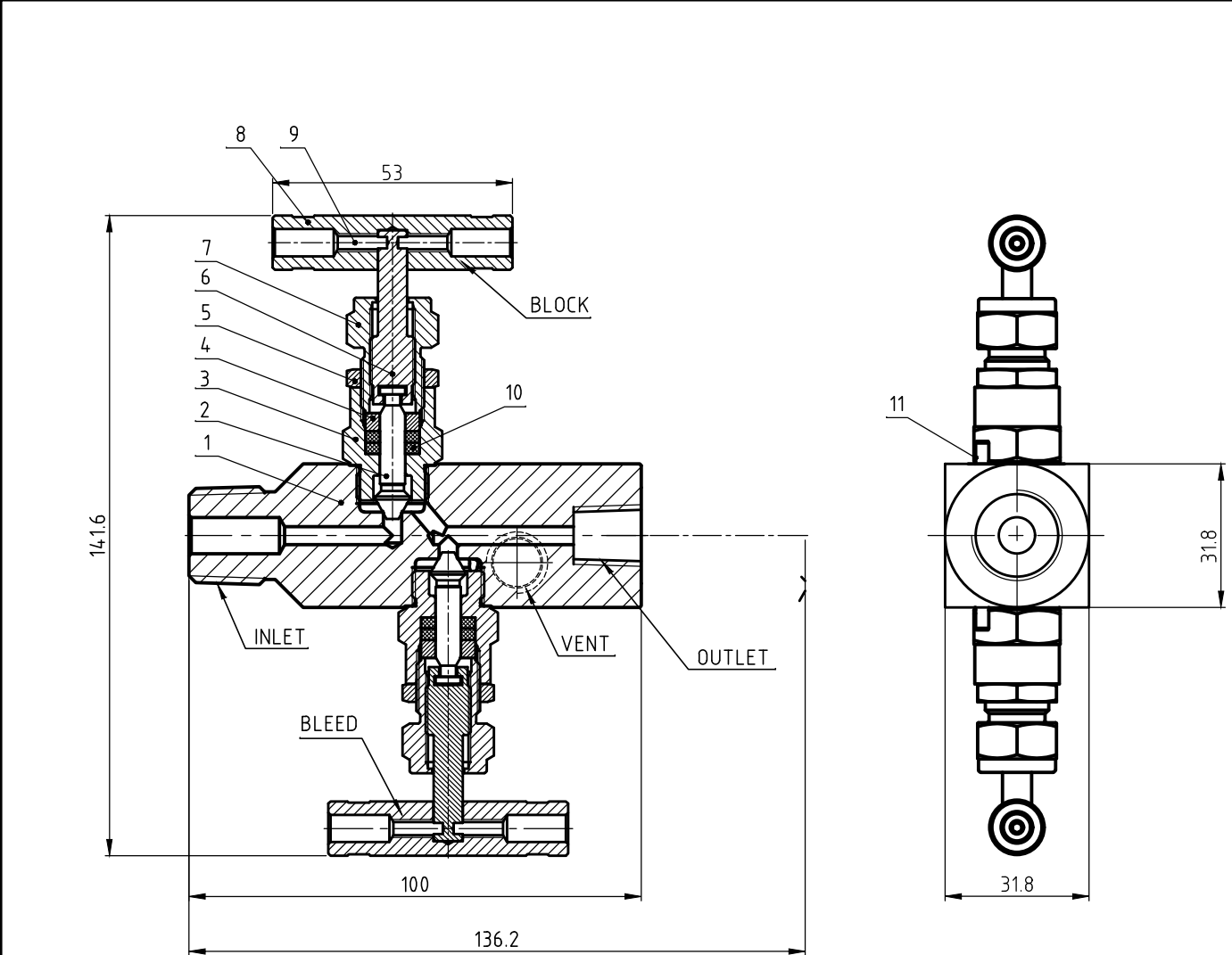
Technical Data:

Inlet Size	ISO261 M20X1.5
Outlet Size	ISO261 M20X1.5
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

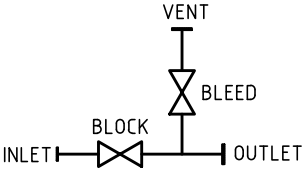
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Mar.18.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-MS20-SFMS20-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Lower Stem	316 S.S./ASTM A479
3	Bonnet	316 S.S./ASTM A479
4	Gland	316 S.S./ASTM A479
5	Nut	630 S.S./ASTM B783
6	Upper Stem	316 S.S./ASTM A479
7	Packing Nut	316 S.S./ASTM A479
8	Handle	6061
9	Screw	Galvanized steel
10	Packing	PTFE/ASTM D1710
11	Pin	304



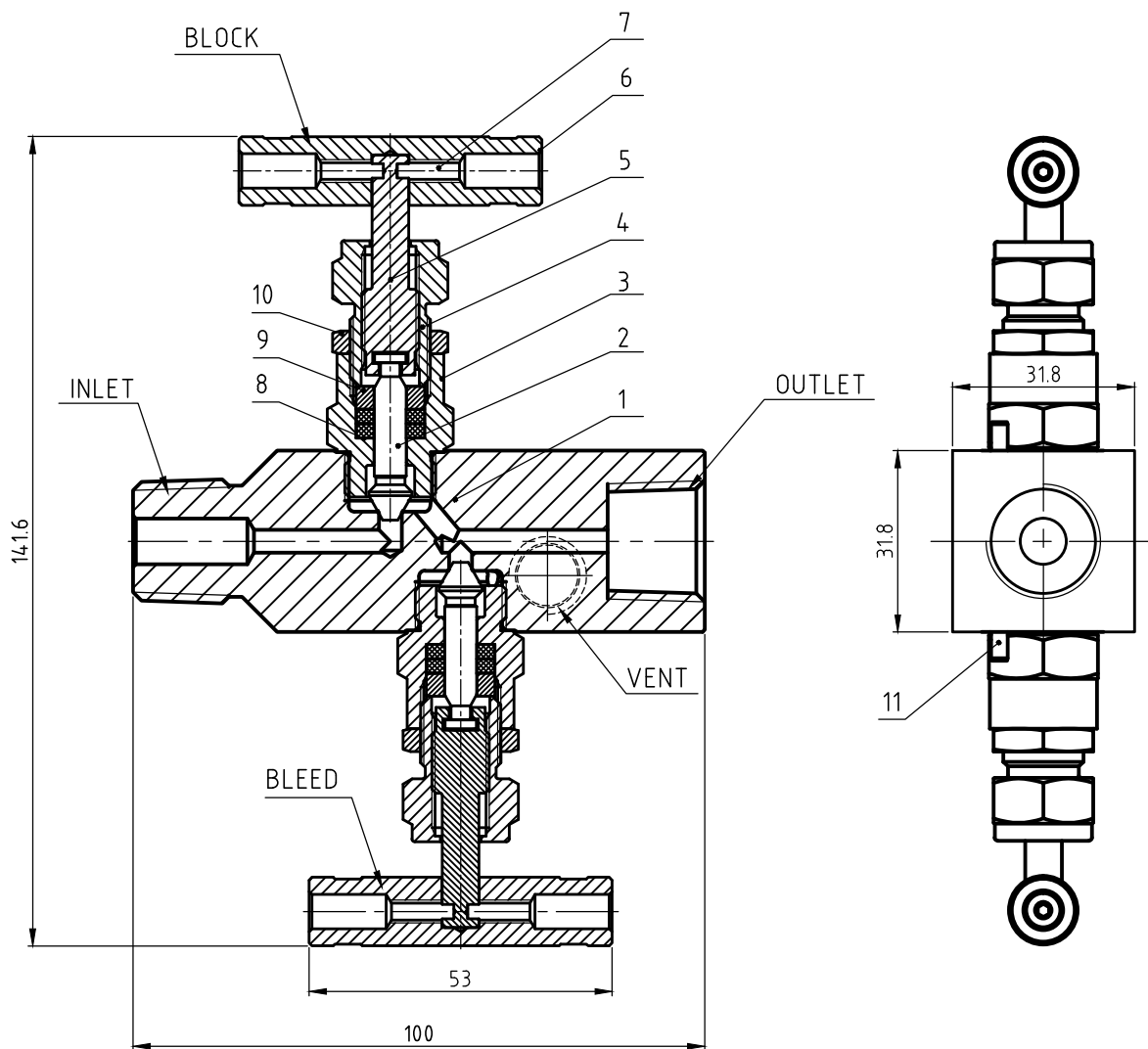
Technical Data:

Inlet Size	1/2 NPT
Outlet Size	1/4 NPT (F)
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

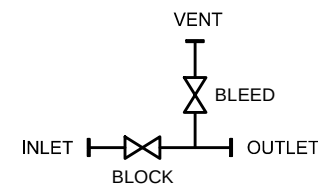
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Agu.06.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-NPT8-FNPT4-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Lower Stem	316 S.S./ASTM A479
3	Bonnet	316 S.S./ASTM A479
4	Packing Nut	316 S.S./ASTM A479
5	Upper Stem	316 S.S./ASTM A479
6	Handle	6061
7	Screw	304 S.S.
8	Packing	PTFE/ASTM D1710
9	Gland	316 S.S./ASTM A479
10	Nut	S17400/ASTM B783
11	Pin	304 S.S.



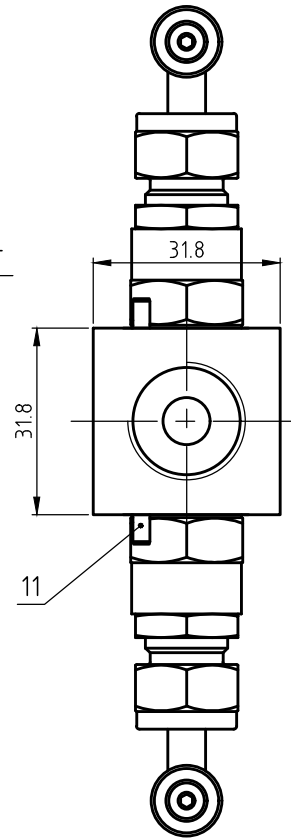
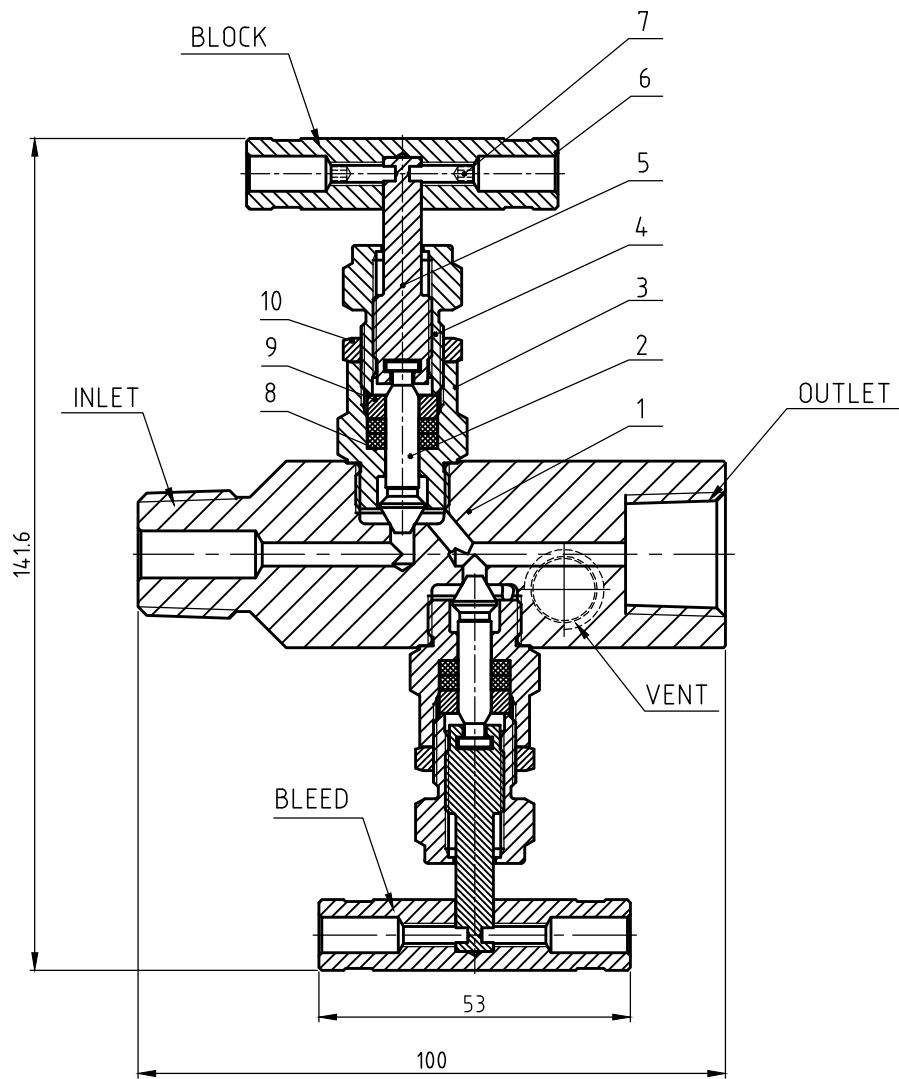
Technical Data:

Inlet Size	1/2 NPT
Outlet Size	1/2 NPT (F)
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

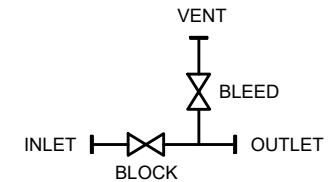
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-54) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Mar.17.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-NPT8-FNPT8-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PFA
9	Gland	316.S.S/ASTM A479
10	Nut	630.S.S/ASTM B783
11	Pin	304.S.S



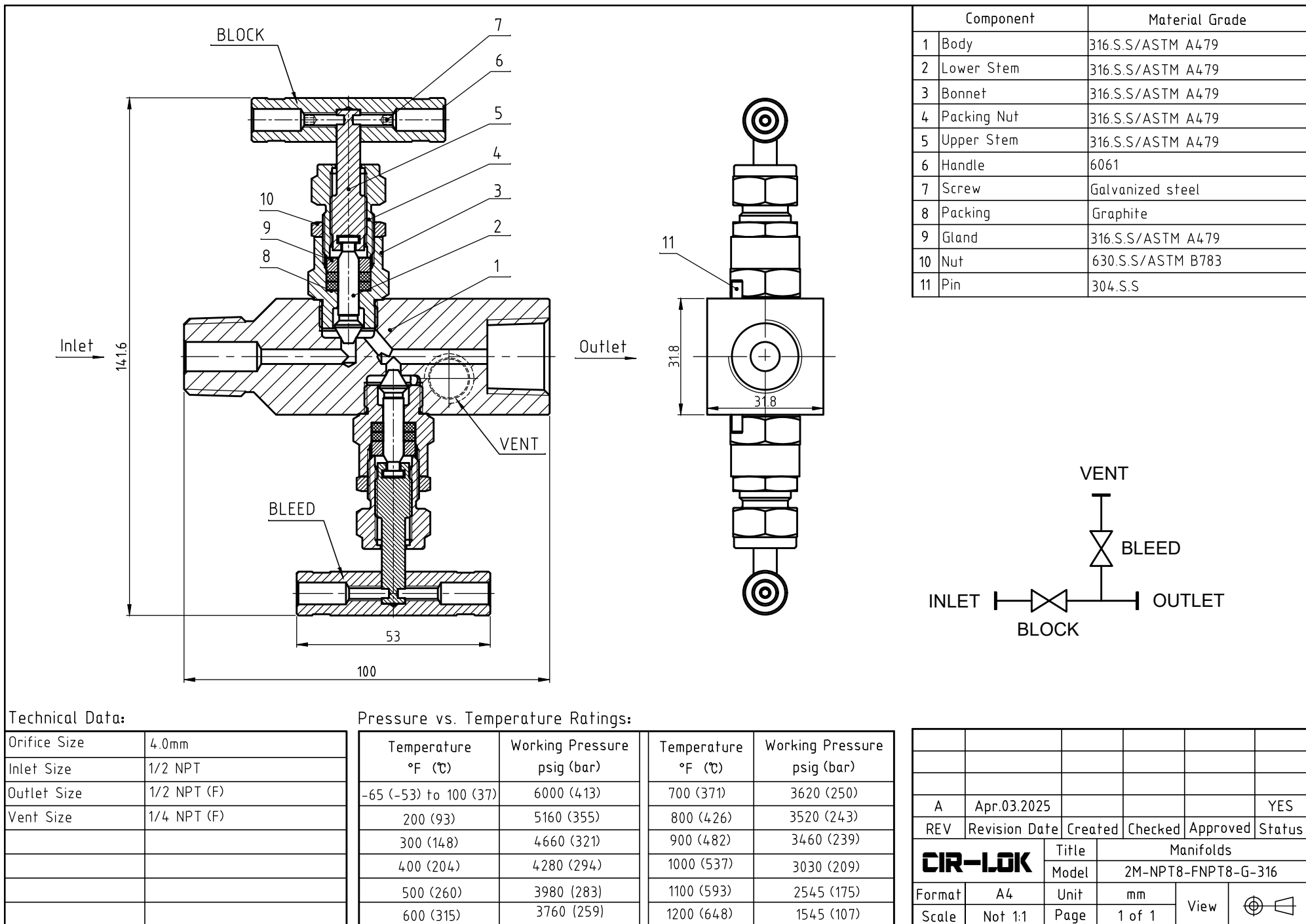
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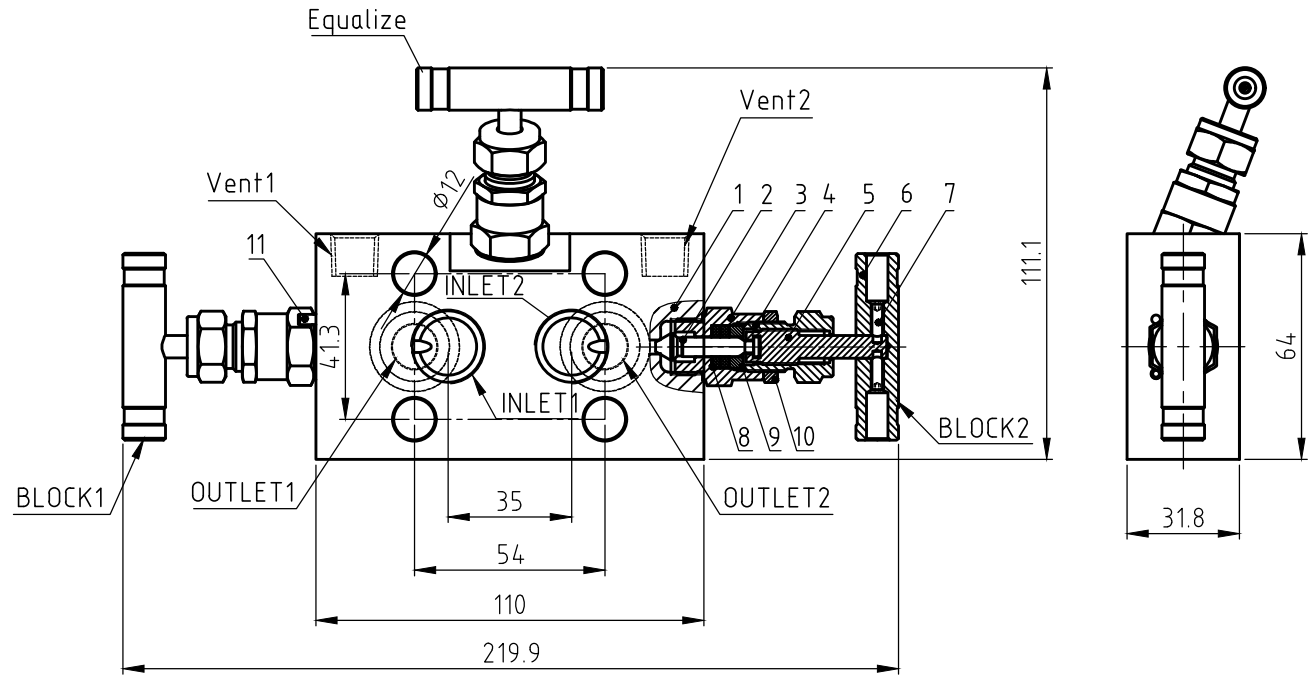
Inlet Size	1/2 NPT
Outlet Size	1/2 NPT (F)
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

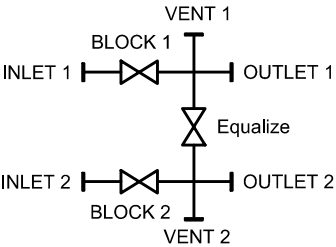
Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-76 (-60) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Sep.13.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	2M-NPT8-FNPT8-316-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	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	Graphite
9	Gland	316.S.S/ASTM A479
10	Nut	631 S.S./ASTM B783
11	Pin	304



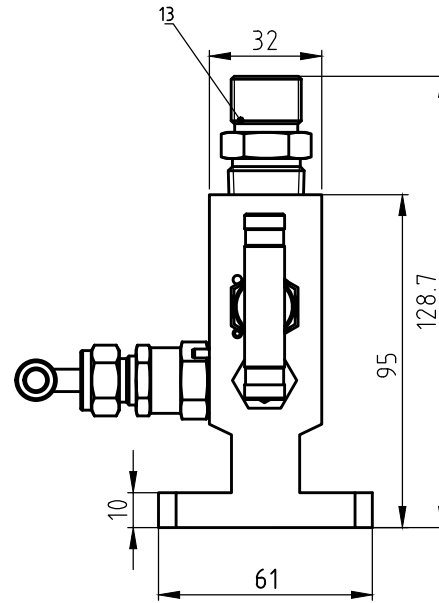
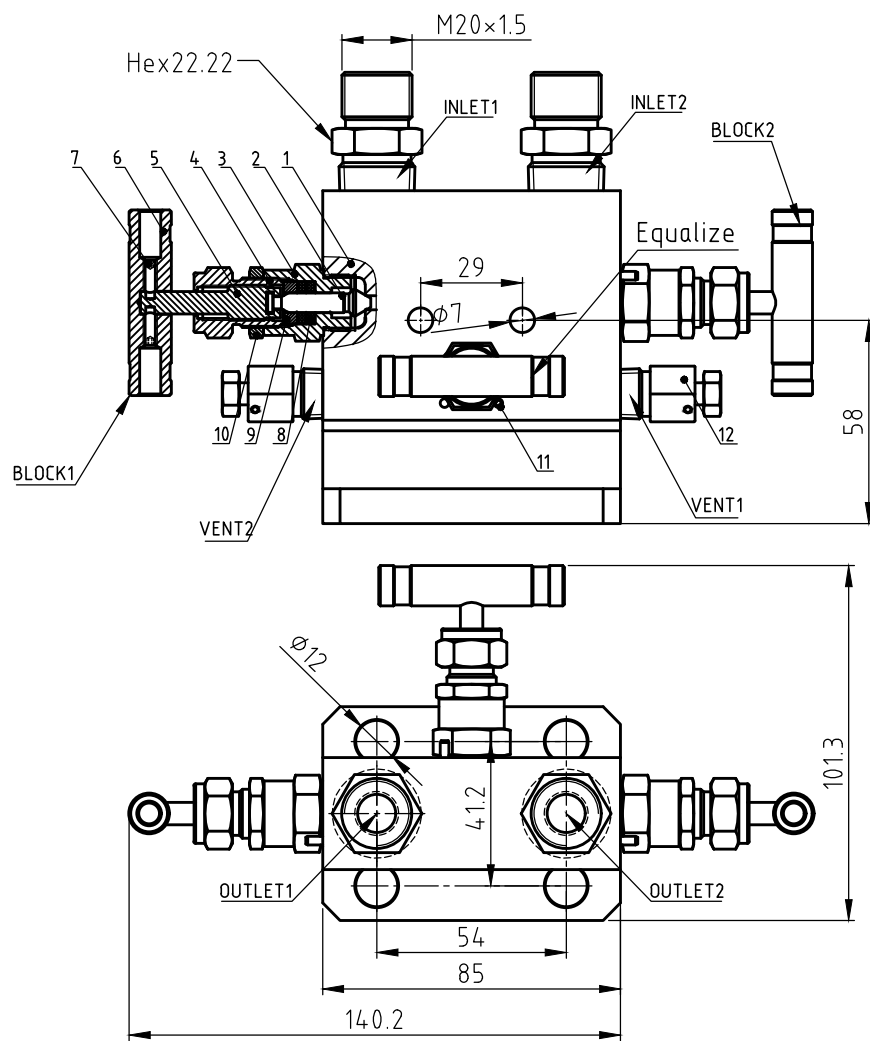
Technical Data:

Inlet Size	1/2 NPT(F)
Outlet Size	Flanged
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

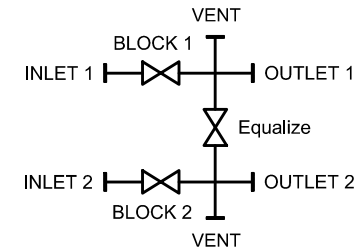
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Jun.05.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	3M-308-V-G-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A182
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	630.S.S/ASTM B783
11	Pin	304.S.S
12	Bleed Valves	316.S.S/ASTM A479
13	Fittings	316.S.S/ASTM A479



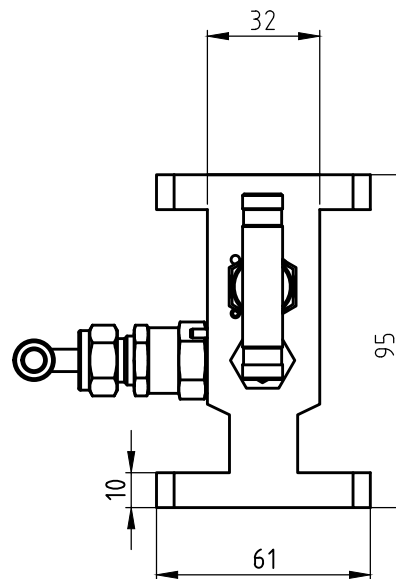
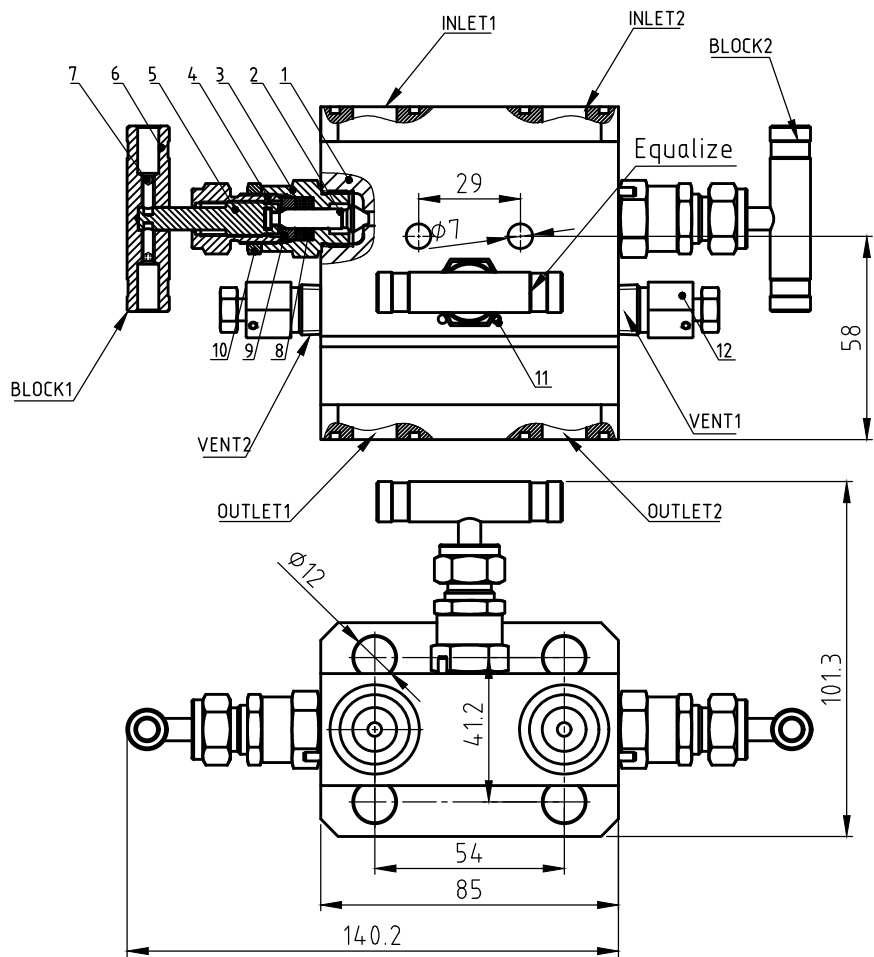
Technical Data:

Inlet Size	1/2 NPT(F)
Outlet Size	Flanged
Vent Size	1/4 NPT(F)
Orifice Size	0.16in(4.0mm)

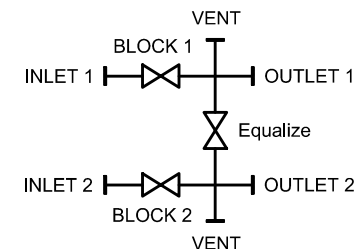
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Sep.27.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	3M-309-316-EJP01		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A182
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	630.S.S/ASTM B783
11	Pin	304.S.S
12	Bleed Valves	316.S.S/ASTM A479



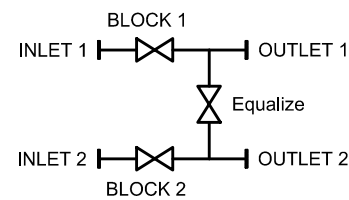
Technical Data:

Inlet Size	Flanged
Outlet Size	Flanged
Vent Size	1/4NPT(F)
Orifice Size	0.16in(4.0mm)

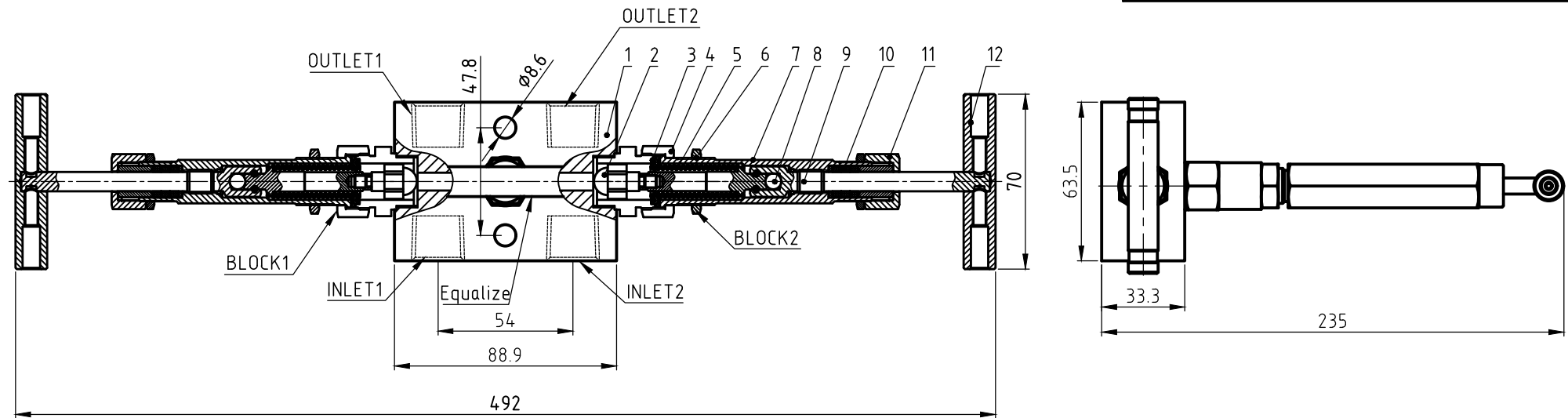
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Sep.27.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	3M-310-316-EJP01		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Adapter	316.S.S/ASTM A479
3	Gasket	316.S.S/ASTM A479
4	Bonnet Nut	316.S.S/ASTM A479
5	Bellows	316.S.S
6	Nut	630.S.S
7	Bonnet	316.S.S/ASTM A479
8	Steel Ball	440C
9	Valve Stem	316.S.S/ASTM A479
10	Packing	PCTFE
11	Locking Nut	316.S.S/ASTM A479
12	Handle	6061



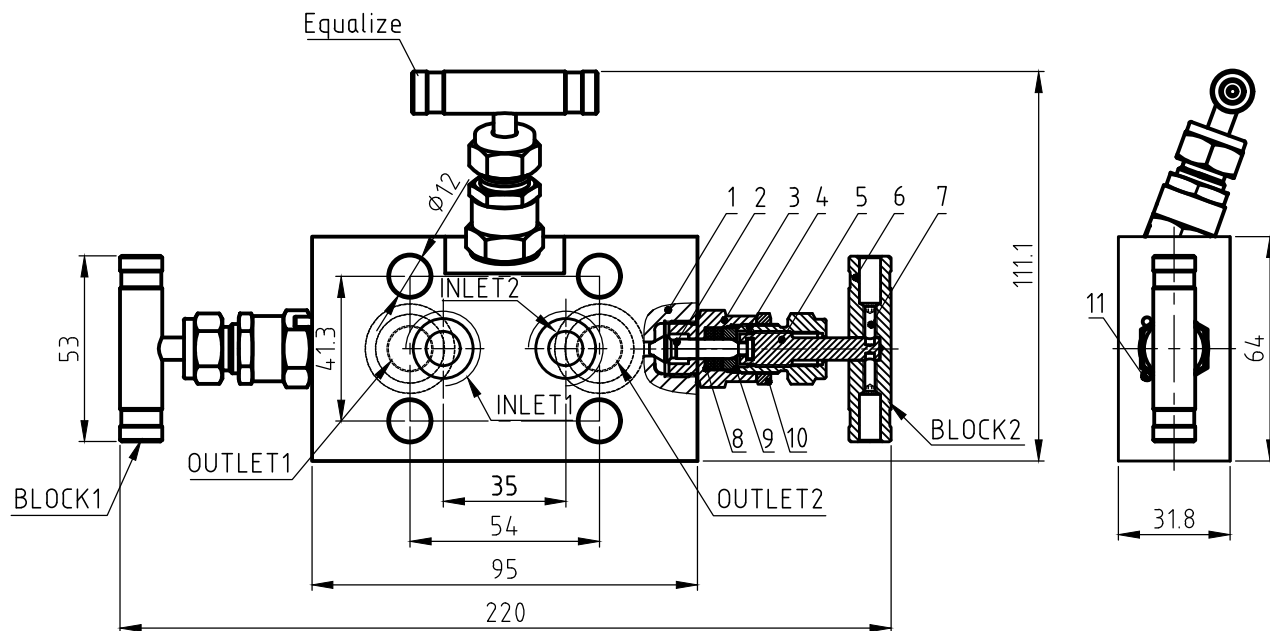
Technical Data:

Inlet Size	1/2NPT(F)
Outlet Size	1/2NPT(F)
Orifice Size	0.27in(7.0mm)

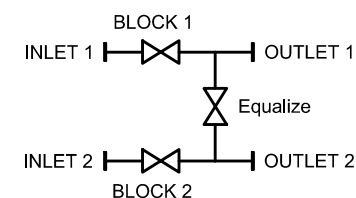
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-328 (-200) to 200 (93)	2500 (172)		

A	Dec.22.2021				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	3M-BS2-08-316-LT		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A182
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	630.S.S/ASTM B783
11	Pin	304.S.S



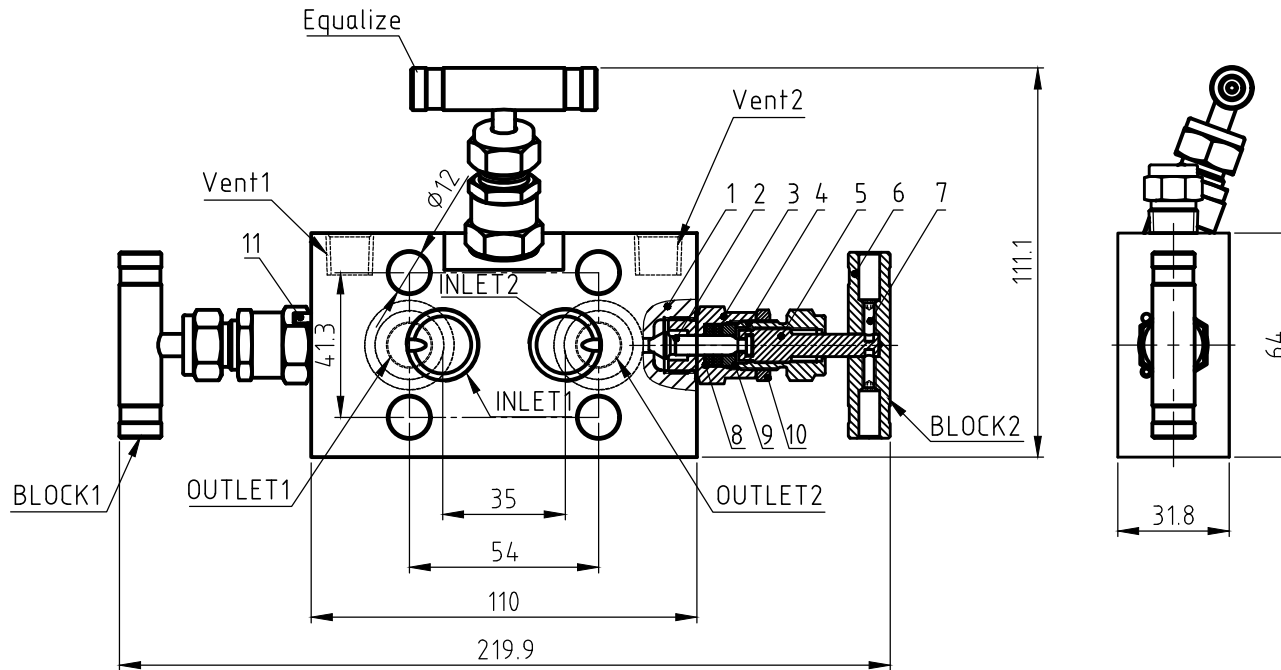
Technical Data:

Inlet Size	1/2 NPT(F)
Outlet Size	Flanged
Orifice Size	0.16in(4.0mm)

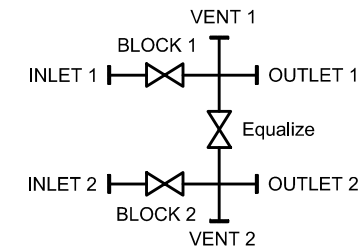
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Sep.21.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	3M-301-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Body	316.S.S/ASTM A479
2	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	631 S.S./ASTM B783
11	Pin	304



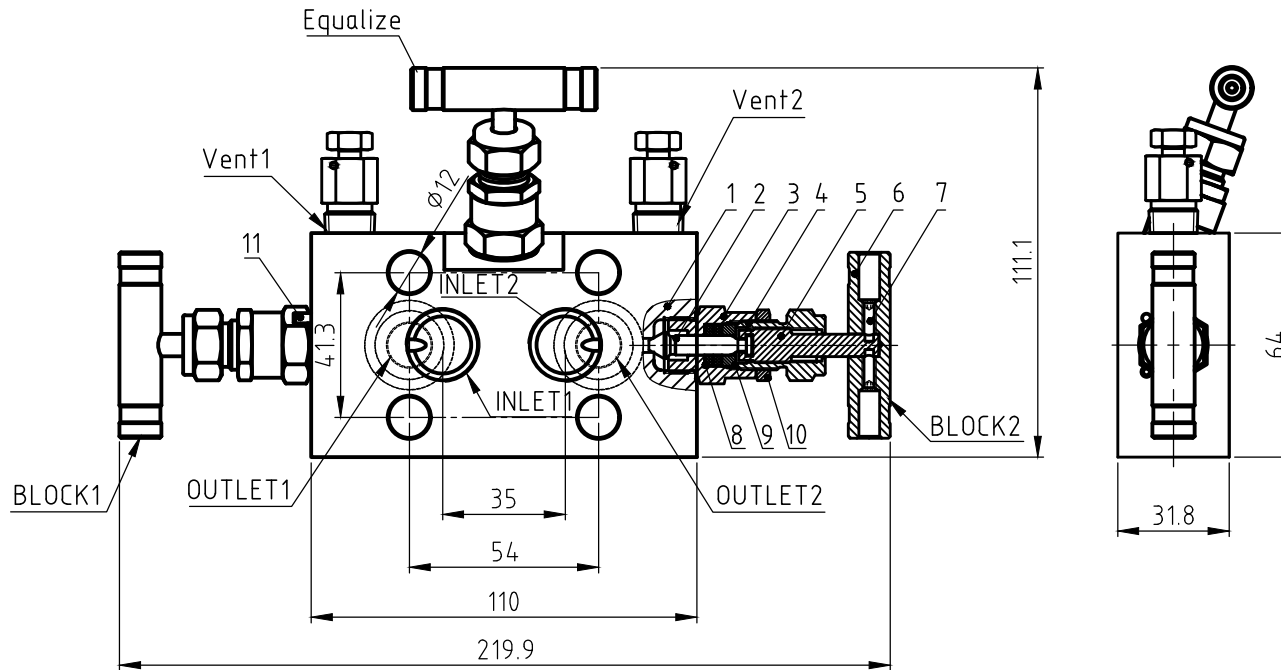
Technical Data:

Inlet Size	1/2 NPT(F)
Outlet Size	Flanged
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

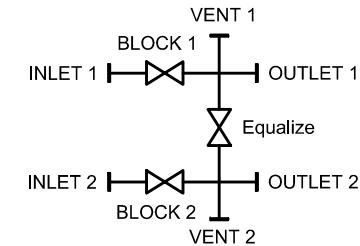
Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Oct.18.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	3M-308-V-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	Lower Stem	316.S.S/ASTM A479
3	Bonnet	316.S.S/ASTM A479
4	Packing Nut	316.S.S/ASTM A479
5	Upper Stem	316.S.S/ASTM A479
6	Handle	6061
7	Screw	Galvanized steel
8	Packing	PTFE/ASTM D1710
9	Gland	316.S.S/ASTM A479
10	Nut	631 S.S./ASTM B783
11	Pin	304



Technical Data:

Inlet Size	1/2 NPT(F)
Outlet Size	Flanged
Vent Size	1/4 NPT (F)
Orifice Size	0.16in(4.0mm)

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-65 (-53) to 100 (37)	6000 (413)		
200 (93)	5160 (355)		
300 (148)	4660 (321)		
400 (204)	4280 (294)		
450 (232)	4130 (284)		

A	Nov.22.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Manifolds		
		Model	3M-308-V-316-BP		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		