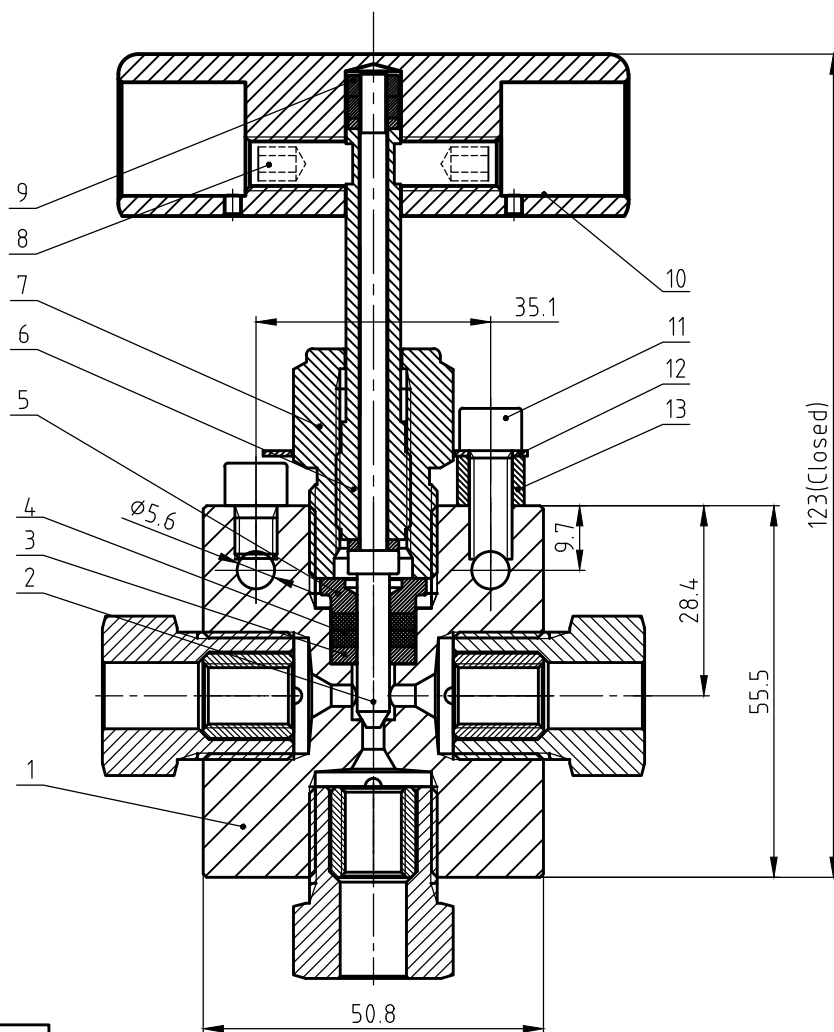


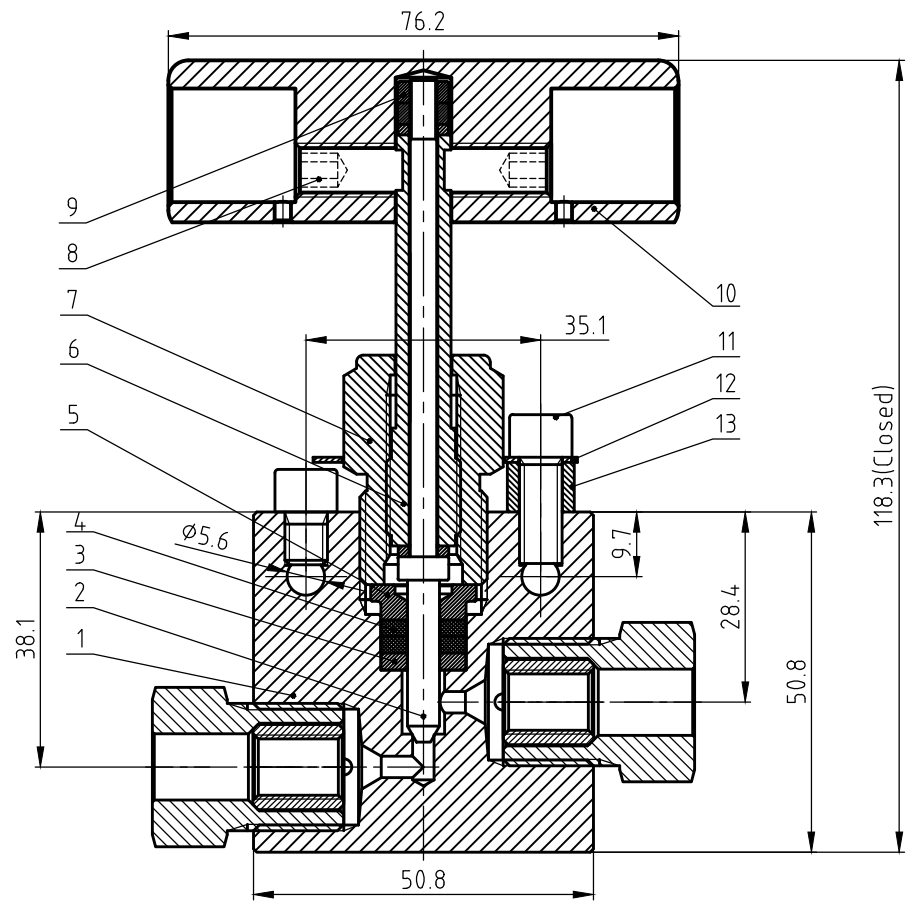


Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Stem	630 S.S./ASTM A564
3	Gland	316 S.S./ASTM A479
4	Packing	PTFE
5	Gland	316 S.S./ASTM A479
6	Stem Guard	316 S.S./ASTM A479
7	Packing Gland	316 S.S./ASTM A479
8	Screw	304 S.S.
9	Nut	304 S.S.
10	Handle	303 S.S.
11	Screw	304 S.S.
12	Lock Collar	304 S.S.
13	Ring	304 S.S.

Technical Data:

Max. WP	30000psig(2069bar)
Temperature	-65 to 450°F (-54 to 232°C)
Orifice Size	0.125in (3.2mm)
Inlet Size	O.D. Ø 3/8"
Outlet Size	O.D. Ø 3/8"
Block Thickness	1.0in (25.4mm)

A	Jul.08.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Needle valve		
		Model	30NV-HPF6-A-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

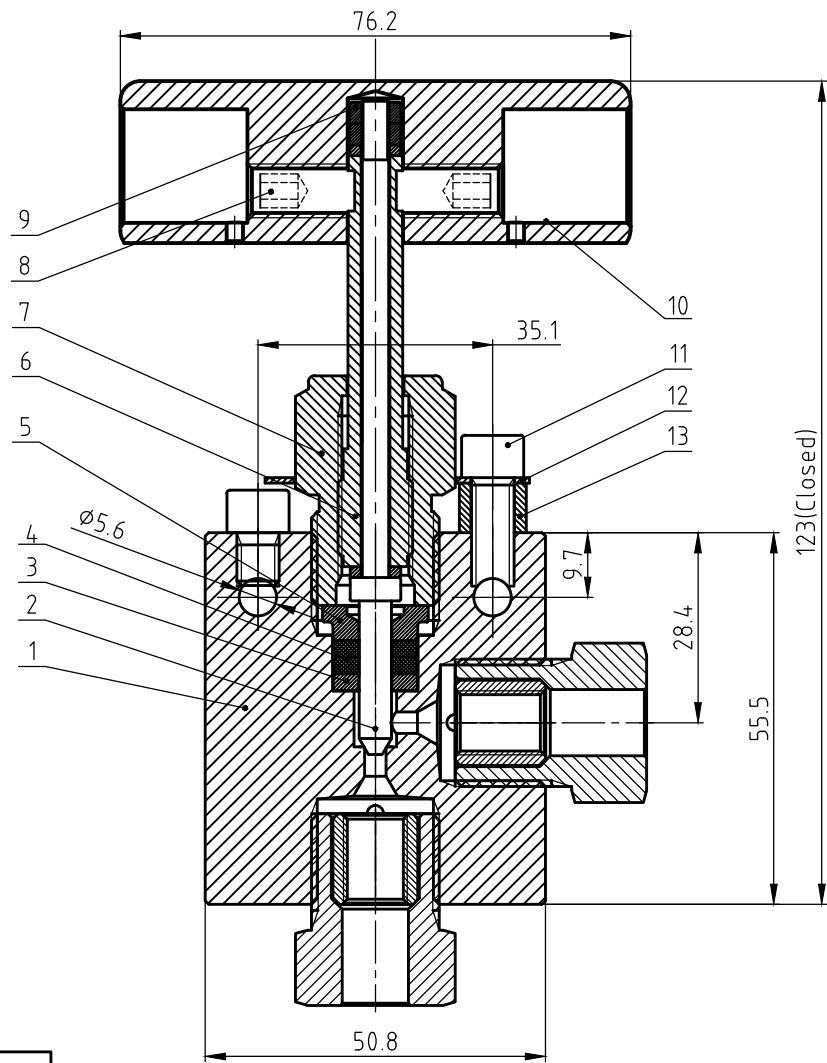


Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Stem	630 S.S./ASTM A564
3	Gland	316 S.S./ASTM A479
4	Packing	PTFE
5	Gland	316 S.S./ASTM A479
6	Stem Guard	316 S.S./ASTM A479
7	Packing Gland	316 S.S./ASTM A479
8	Screw	304 S.S.
9	Nut	304 S.S.
10	Handle	303 S.S.
11	Screw	304 S.S.
12	Lock Collar	304 S.S.
13	Ring	304 S.S.

Technical Data:

Max. WP	30000psig(2069bar)
Temperature	-65 to 450°F (-54 to 232°C)
Orifice Size	0.125in (3.2mm)
Inlet Size	O.D.ϕ 3/8"
Outlet Size	O.D.ϕ 3/8"
Block Thickness	1.0in (25.4mm)

A	Jul.08.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Needle valve		
		Model	30NV-HPF6-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

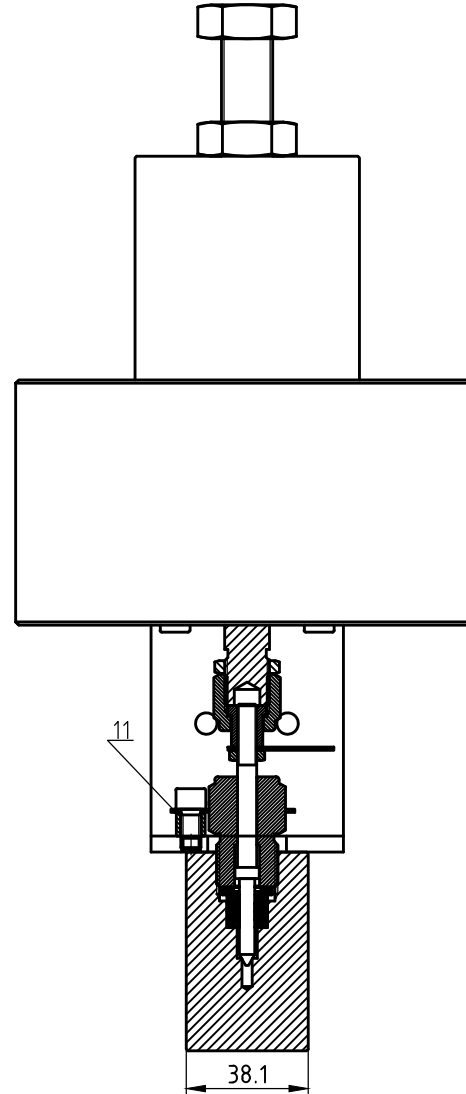
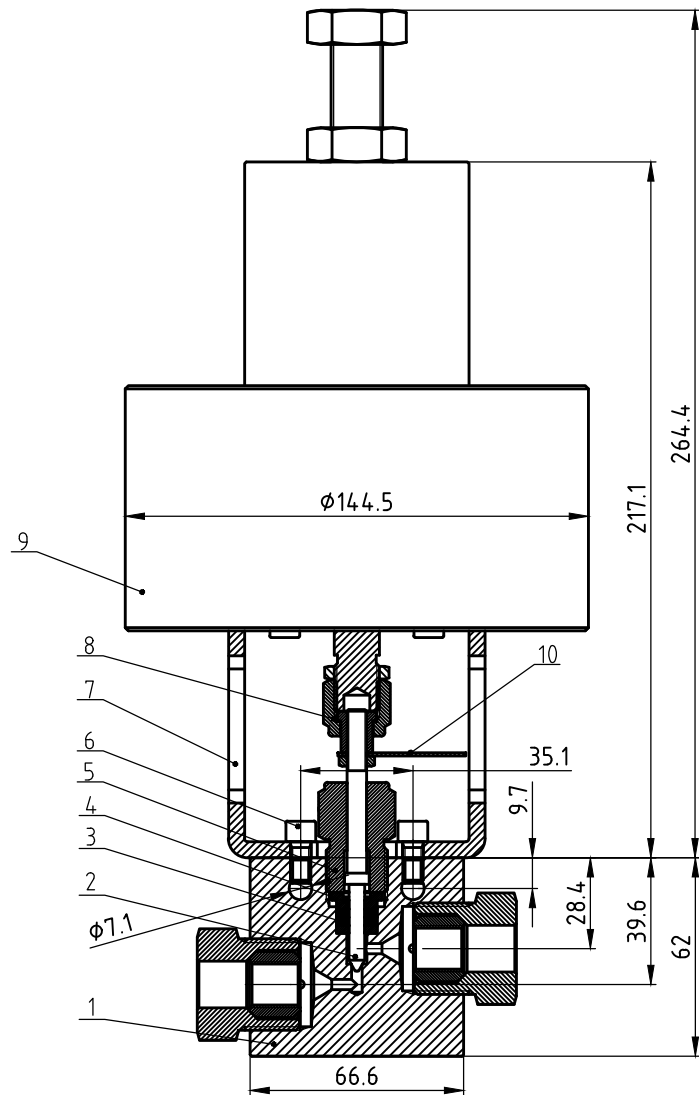


Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Stem	630 S.S./ASTM A564
3	Gland	316 S.S./ASTM A479
4	Packing	PTFE
5	Gland	316 S.S./ASTM A479
6	Stem Guard	316 S.S./ASTM A479
7	Packing Gland	316 S.S./ASTM A479
8	Screw	304 S.S.
9	Nut	304 S.S.
10	Handle	303 S.S.
11	Screw	304 S.S.
12	Lock Collar	304 S.S.
13	Ring	304 S.S.

Technical Data:

Max. WP	30000psig(2069bar)
Temperature	-65 to 450°F (-54 to 232°C)
Orifice Size	0.125in (3.2mm)
Inlet Size	O.D.Ø 3/8"
Outlet Size	O.D.Ø 3/8"
Block Thickness	1.0in (25.4mm)

A	Jul.08.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Needle valve		
		Model	30NV-HPF6-A-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

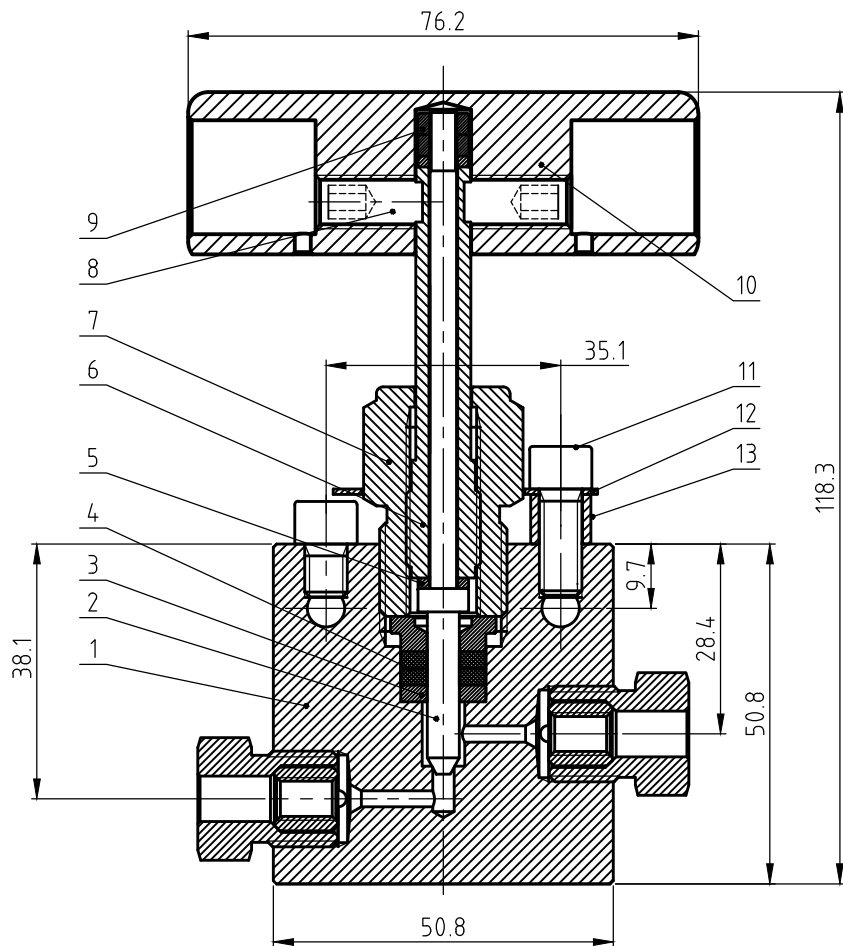


Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Stem	630 S.S./ASTM A564
3	Packing	PEEK
4	Packing ring	316 S.S./ASTM A479
5	Bonnet	C63000/ASTM B150
6	Screw	304 S.S.
7	Bracket	304 S.S.
8	Nut	316 S.S./ASTM A479
9	Cylinder	6061
10	Indicate	304 S.S.
11	Lock Hoop	304 S.S.

Technical Data:

Max. WP	30000psi
System Pressure	44-73psi
Valve Position	Normal Closed
Inlet Size	O.D. $\phi 9/16"$
Outlet Size	O.D. $\phi 9/16"$
Air Inlet Size	1/8 NPT(F)
Orifice Size	0.126in.(3.2mm)
Temperature	-65 to 450°F

A	Nov.13.2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Pneumatic Needle Valves		
		Model	30NV-HPF9-NC-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	Stem	630.S.S/ASTM A564
3	Gland	316.S.S/ASTM A479
4	Packing	PTFE
5	Gland	316.S.S/ASTM A479
6	Stem Guard	316.S.S/ASTM A479
7	Packing Gland	C63000/ASTM B150
8	Screw	304.S.S
9	Nut	304.S.S
10	Handle	303.S.S
11	Screw	304.S.S
12	Lock Collar	304.S.S
13	Ring	304.S.S

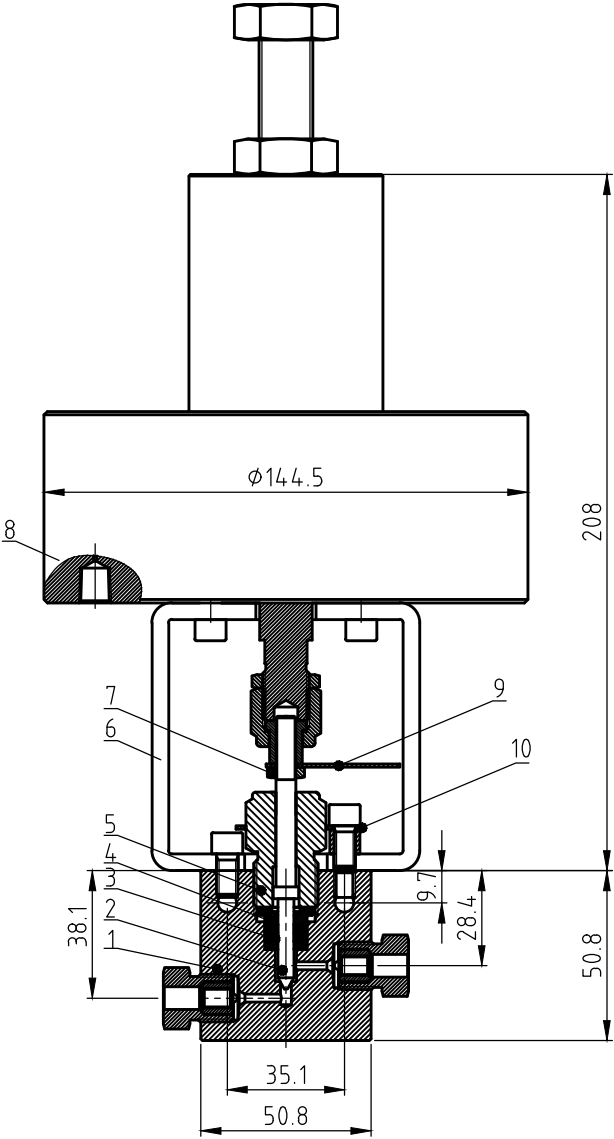
Technical Data:

Max. WP	30000psig(2069bar)
Temperature	-100 to 450°F (-73 to 232°C)
Orifice Size	0.094in (2.4mm)
Inlet Size	O.D.ϕ 1/4"
Outlet Size	O.D.ϕ 1/4"
Block Thickness	1.00in (25.4mm)

A	Sep.25.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Needle valve		
		Model	30NV-HPF4-316		
Format	A4	Unit	in/mm	View	
Scale	Not 1:1	Page	1 of 1		

Technical Data:

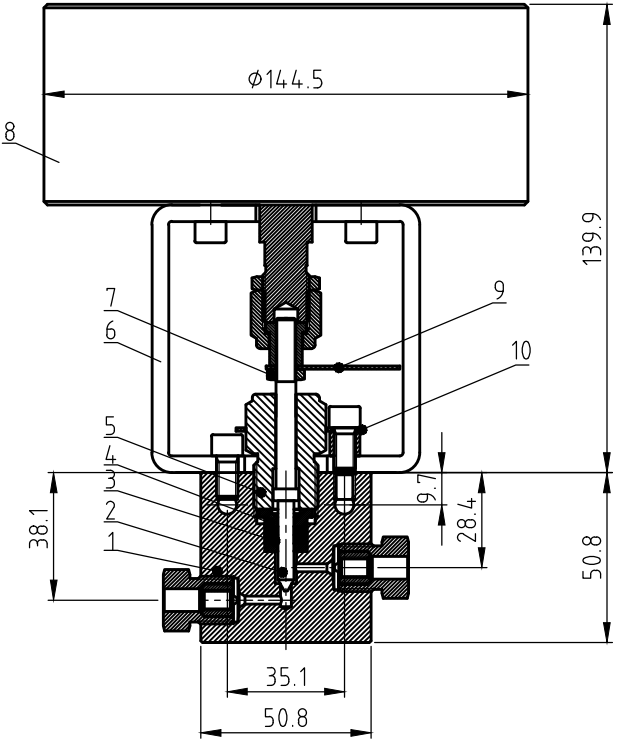
Max. WP	30000psig(2069bar)
Temperature	-100 to 450°F (-73 to 232°C)
Orifice Size	0.094in (2.4mm)
Inlet Size	O.D.ϕ 1/4"
Outlet Size	O.D.ϕ 1/4"
Block Thickness	1.00in (25.4mm)
Air Inlet Size	R 1/8"



Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Stem	630 S.S./ASTM A564
3	Packing	PTFE
4	Packing ring	316 S.S./ASTM A479
5	Bonnet	C36000/ASTM B16
6	Bracket	304 S.S.
7	Nut	316 S.S./ASTM A479
8	Cylinder	6061
9	Indicate	304 S.S.
10	Lock Hoop	304 S.S.

A	Sep.25.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Needle valve		
		Model	30NV-HPF4-NC-316		
Format	A4	Unit	in/mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Body	316 S.S./ASTM A479
2	Stem	630 S.S./ASTM A564
3	Packing	PTFE
4	Packing ring	316 S.S./ASTM A479
5	Bonnet	C36000/ASTM B16
6	Bracket	304 S.S.
7	Nut	316 S.S./ASTM A479
8	Cylinder	6061
9	Indicate	304 S.S.
10	Lock Hoop	304 S.S.



Technical Data:

Max. WP	30000psig(2069bar)
Temperature	-100 to 450°F (-73 to 232°C)
Orifice Size	0.094in (2.4mm)
Inlet Size	O.D. ϕ 1/4"
Outlet Size	O.D. ϕ 1/4"
Block Thickness	1.00in (25.4mm)
Air Inlet Size	R 1/8"
Drive Pressure	60-100psig

A	Oct.16.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Needle valve		
		Model	30NV-HPF4-NO-316		
Format	A4	Unit	in/mm	View	
Scale	Not 1:1	Page	1 of 1		