to 22,500 psi (1,550 bar)

to 65,000 psi (4,500 bar)

Ultra High Pressure to 152,000 psi (10,500 bar)

High Pressure

Medium Pressure

Valve Actuators

Ball Valves to 21,000 psi (1,500 bar)

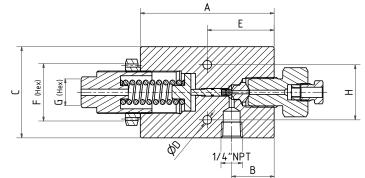
Relief Valves

» Pressures to 22,500 psi (1,550 bar)

Relief Valves

Maximator Medium Pressure Relief Valves with metal seat provide reliable venting of liquids for set pressure from 4,350 psi (300 bar) up to 22,500 psi (1,550 bar). The relief valves are intended to be used as an adjustable pressure relief device actuated by inlet static pressure having a gradual lift generally proportional to the increase in pressure over opening pressure.

All relief valves are ATEX compliant, have a 1/4" NPT relief connection, are equipped with a replaceable seat and come with glands and collars.



Materials:

Body, double cone: 316 stainless steel Spring: 300 series stainless steel

O-ring: FKM [-4°F to 392°F (-20°C to 200°C)]

Catalog Number	atalog Number Pressure Pressure Range Orifice Connection Dimensions in. (mm)								Block				
	Rating psi (bar)	min./max. psi (bar)	in. (mm)	Туре	A	В	C	D	E	F (Hex.)	G (Hex.)	Н	thick- ness
17RV4M	17,000 (1,200)	4,350 / 17,000 (300 / 1,200)	0,08 (2.0)	4MF	3.35 (85)	1.06 (27)	2.64 (67)	0.22 (5.5)	1.67 (42.5)	1.44 (36.5)	0.67 (17)	1.38 (35)	1.54 (39)
17RV6M	17,000 (1,200)	4,350 / 17,000 (300 / 1,200)	0,08 (2.0)	6MF	3.35 (85)	1.06 (27)	2.64 (67)	0.22 (5.5)	1.67 (42.5)	1.44 (36.5)	0.67 (17)	1.38 (35)	1.54 (39)
21RV4M	22,500 (1,550)	14,500 / 22,500 (1,000 / 1,550)	0,08 (2.0)	4MF	3.35 (85)	1.06 (27)	2.64 (67)	0.22 (5.5)	1.67 (42.5)	1.44 (36.5)	0.67 (17)	1.38 (35)	1.54 (39)
21RV6M	22,500 (1,550)	14,500 / 22,500 (1,000 / 1,550)	0,08 (2.0)	6MF	3.35 (85)	1.06 (27)	2.64 (67)	0.22 (5.5)	1.67 (42.5)	1.44 (36.5)	0.67 (17)	1.38 (35)	1.54 (39)

All dimensions for reference only and are subject of change

to 22,500 psi (1,550 bar)

High Pressure to 65,000 psi (4,500 bar)

Ultra High Pressure to 152,000 psi (10,500 bar)

Medium Pressure

Valve Actuators

Ball Valves to 21,000 psi (1,500 bar)

Medium Pressure Tubing

» Pressures to 22,500 psi (1,550 bar)

Medium Pressure Tubing

Maximator offers a line of cold drawn thick wall tubing, with flow areas to compliment the large orifce medium pressure valves and fittings. This tubing is made under strict manufacturing and quality control standards and inspections, with dimensional tolerances to match the requirements of the medium pressure coned and threaded connections.

The standard material is 316 stainless steels. Other materials may be provided on special request, depending on the specific material, diameters and lengths.



Normal Tubing Size in. (mm)	Tolerance O.D in. (mm)
1/4 (6.35)	0.248 / 0.243 (6.299 / 6.172)
3/8 (9.53)	0.370 / 0.365 (9.398 / 9.271)
9/16 (14.29)	0.557 / 0.552 (14.147 / 14.021)
3/4 (19.05)	0.745 / 0.740 (18.923 / 18.796)
1 (25.4)	0.995 / 0.990 (25.273 / 25.174)



Catalog Number	Tube	Fits	Tube Size in. (mm)			•	essure psi (bar)			
	Material	Connection Type	0.D. I.D.		-325°F to 100°F (-198°C to 37°C)	200°F (93°C)	400°F (204°C)	600°F (315°C)	800°F (426°C)	
21TU4M-316	316SS	4MF	1/4	0.109 (2.77)	22,500 (1,550)	18,900 (1,300)	17,430 (1,200)	15,960 (1,100)	15,120 (1,040)	
21TU6M-316	316SS	6MF	3/8	0.203 (5.17)	22,500 (1,550)	18,900 (1,300)	17,430 (1,200)	15,960 (1,100)	15,120 (1,040)	
21TU9M-316	316SS	9MF	9/16	0.312 (7.93)	22,500 (1,550)	18,900 (1,300)	17,430 (1,200)	15,960 (1,100)	15,120 (1,040)	
15TU9M-316	316SS	9MF	9/16	0.359 (9.12)	15,200 (1,050)	13,680 (940)	12,616 (870)	11,552 (790)	10,944 (750)	
21TU12M-316	316SS	4014	0/4	0.438 (11.13)	22,500 (1,550)	18,900 (1,300)	17,430 (1,200)	15,960 (1,100)	15,120 (1,040)	
15TU12M-316	316SS	12M	3/4	0.516 (13.11)	15,200 (1,050)	13,680 (940)	12,616 (870)	11,552 (790)	10,944 (750)	
21TU16M-316	316SS			0.562 (14.27)	22,500 (1,550)	18,900 (1,300)	17,430 (1,200)	15,960 (1,100)	15,120 (1,040)	
15TU16M-316	316SS	16MF	ı	0.688 (17.48)	15,200 (1,050)	13,680 (940)	12,616 (870)	11,552 (790)	10,944 (750)	

All dimensions for reference only and are subject of change

All technical and dimensional information subject to change. All general Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.

to 22,500 psi (1,550 bar)

High Pressure to 65,000 psi (4,500 bar)

Ultra High Pressure to 152,000 psi (10,500 bar)

Medium Pressure

Valve Actuators

Ball Valves to 21,000 psi (1,500 bar)

Coned and Threaded Nipples

» Pressures to 22,500 psi (1,550 bar)

Coned and threaded nipples

Maximator offers a line of coned and threaded medium pressure tube nipples in a variety of lengths for all standard tube sizes. The coned and threaded medium pressure tube nipples are available in 316 stainless steel.

They are also available in the 15,200 psi (1,050 bar) or 22,500 psi 1,550 bar) versions for the 9/16", 3/4" and 1" OD tube sizes. See chart below for ordering information.

Special length coned and threaded nipples are available upon request. Consult Maximator for availability and price



Catalog Numbers are 316 Stainless Steel material								Tube Size in. (mm)		Working Pressure
2.75" (69.85) Length	3" (76.2) Length	4" (101.6) Length	6" (152.4) Length	8" (203.2) Length	10" (254) Length	12" (304.8) Length	nection Type	0.D.	I.D.	at 100°F psi (bar)
21N4M-2.75-316	21N4M-3-316	21N4M-4-316	21N4M-6-316	21N4M-8-316	21N4M-10-316	21N4M-12-316	4MF	1/4	0.109 (2.77)	22,500 (1,550)
	21N6M-3-316	21N6M-4-316	21N6M-6-316	21N6M-8-316	21N6M-10-316	21N6M-12-316	6MF	3/8	0.203 (5.17)	22,500 (1,550)
		21N9M-4-316	21N9M-6-316	21N9M-8-316	21N9M-10-316	21N9M-12-316	9MF	9/16	0.312 (7.93)	22,500 (1,550)
		15N9M-4-316	15N9M-6-316	15N9M-8-316	15N9M-10-316	15N9M-12-316	9MF	9/16	0.359 (9.12)	15,200 (1,050)
			21N12M-6-316	21N12M-8-316	21N12M-10-316	21N12M-12-316	12MF	3/4	0.438 (11.13)	22,500 (1,550)
			15N12M-6-316	15N12M-8-316	15N12M-10-316	15N12M-12-316	12MF	3/4	0.516 (13.11)	15,200 (1,050)
			21N16M-6-316	21N16M-8-316	21N16M-10-316	21N16M-12-316	16MF	1	0.562 (14.27)	22,500 (1,550)
			15N16M-6-316	15N16M-8-316	15N16M-10-316	15N16M-12-316	16MF	1	0.688 (17.48)	15,200 (1,050)

Standard nipples are not supplied with glands and collars, see Fittings on page 6 for these components. See adjacent Tubing page 16, for pressure/temperature rating chart.

All dimensions are for reference only and subject to change.