


Photo	Type	Series	Description	Main Specifications
	Relief Valves	R	NA	45 - 100.5gpm, 3000psi

R Series

Features

R-T06/T10 Series Valves are in-line mounted and rated for 3000 psi. They may be remotely controlled through the vent port. Provides smooth, dependable operation through entire pressure range.

- ① Balanced piston design.
- ② May be used as a safety valve.
- ③ Pressure can be remotely controlled through the vent port.

Specifications

Model	Pipe Size	Rated Capacity ℓ /min (gpm)	Adjusting Range kgf/cm ² (psi)	Weight kgf (lbs)
R-T06-1-E20 3-E20	3/4	170 (45.0)	*-70 (*-1000) 35-210 (500-3000)	3.9 (8.6)
R-T10-1-20 3-E20	1 1/4	380 (100.5)	*-70 (*-1000) 35-210 (500-3000)	7.7 (17.0)

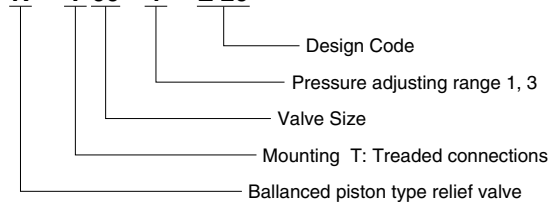
Note *: Please refer Flow—Min. pressure characteristics graph.

● Handling

- ① To adjust the set pressure, loosen the locknut and turn the handle clockwise to increase, counterclockwise to decrease the pressure.
- ② Tank port backpressure should be limited to 28.5 psi.
- ③ To use the relief as a safety valve, be sure to set the pressure 143-214 psi above system pressure.
- ④ When used with a remote control valve, use heavy wall pipe from the vent port. This will reduce the chance of vibration in the piping.
- ⑤ Minimum flow of the size "06" model is 2.1 gpm. Minimum flow of the size "10" model is 2.6 gpm. Lower flow may cause the system to become unstable.

Understanding Model Numbers

R - T 06 - 1 - E 20

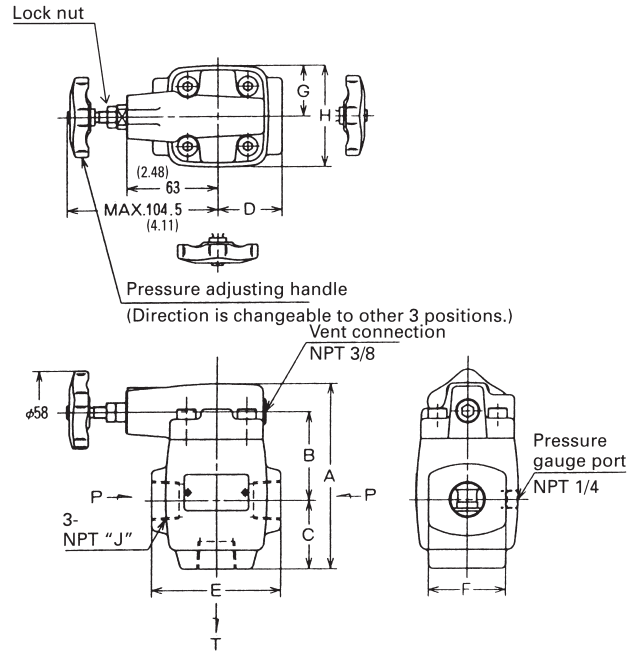


Installation Dimensions

Model	A	B	C
R-T06-*-E20	128.5 (5.06)	61.5 (2.42)	47.5 (1.87)
R-T10-*-E20	153.5 (6.04)	72 (2.83)	62 (2.44)

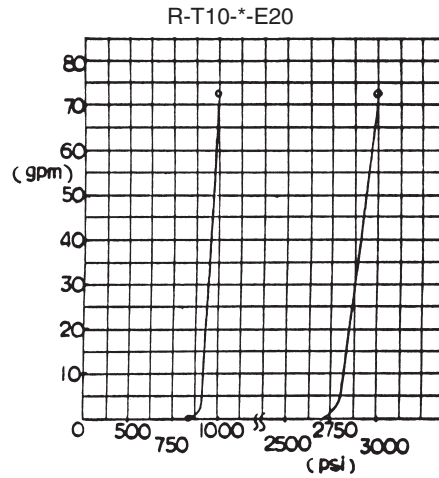
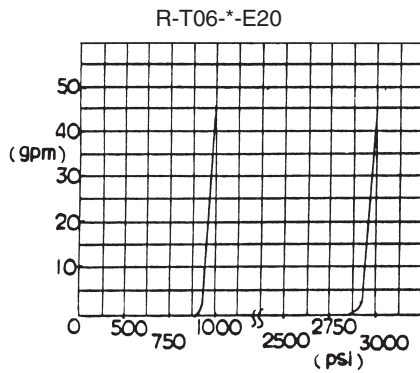
Motor Dimensions mm(inch)

D	E	F	G	H	J
45 (1.77)	90 (3.54)	54 (2.13)	35.5 (1.40)	71 (2.80)	3/4
62.5 (2.46)	125 (4.92)	69 (2.72)	47 (1.85)	94 (3.70)	1 1/4



Performance Curves

Pressure-Flow



Flow—Min. Pressure

