

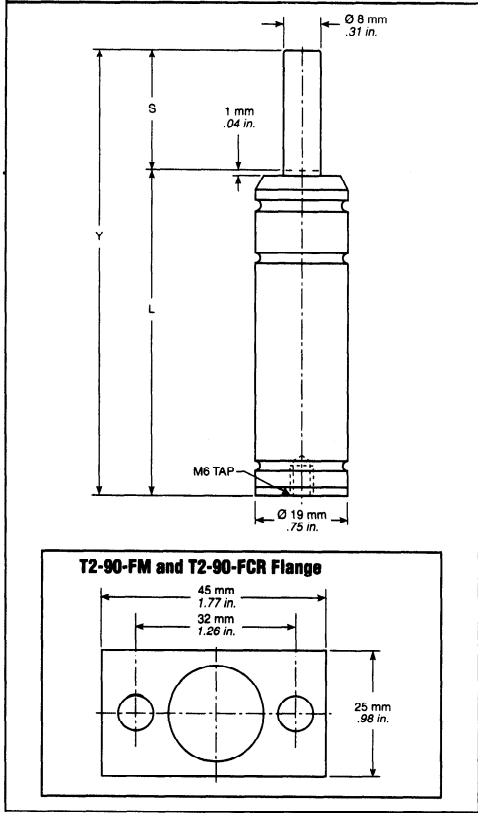


T2-90 19mm (3/4") DIAMETER GAS SPRINGS

Product Specifications

- Pressure Medium Nitrogen Gas
- Charging Pressure Range Max.: 180 bar/2610 psi
Min.: 60 bar/870 psi
- Maximum Gas Spring Operating Temperature 80 C°/176 F°
- Maximum Piston Rod Velocity 35m/min
115 ft./min
- Maximum Utilized Stroke 100%

NOTE: The tapped hole in the piston rod is for factory use only.



T2-90 Stroke Lengths					
Stroke	Y	L	D	E	
0.28 in.	2.20	1.93	1.08	1.12	
0.59 in.	2.83	2.24	1.40	1.44	
0.98 in.	3.62	2.64	1.79	1.83	
1.50 in.	4.65	3.15	2.30	2.34	
1.97 in.	5.59	3.62	2.78	2.82	
3.15 in.	8.07	4.92	3.92	4.15	

T2-90 Die Contact Force		
Color	Die Contact Force Pounds (N)	Charge Pressure PSI (bar)
Yellow	203 (905)	2610 (180)
Red	158 (704)	2030 (140)
Blue	113 (503)	1450 (100)
Green	68 (302)	870 (60)

NOTE: T2-90 is available with a Black rod wiper which indicates a custom charge pressure.

Please contact Customer Service for custom charge pressures.

All dimensions are nominal unless tolerance is stated.

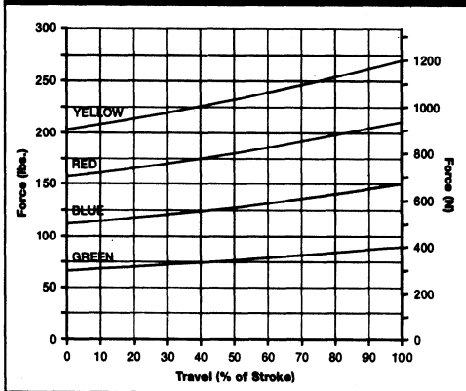
Ordering

Example: T2-90 x 25 - FM - Green

Model Stroke Flange (If required) Color (See chart)

Shipped charged at 180 bar/2610 psi, unless otherwise specified.

T2-90 Force Chart



NOTE: Colors designate factory preset pressure.

All forces are nominal.

Teledyne Fluid Systems, Hyson Products recommends that all Tanker 2 gas springs are backed up at all times.

T2-90 Mounting Styles

