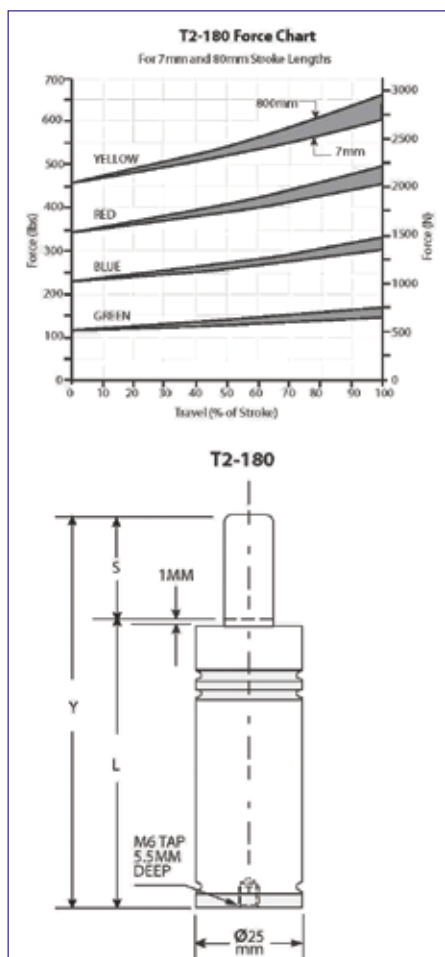




Product Specifications

Pressure Medium	Nitrogen Gas
Charging Pressure Range	Max.: 180 bar / 2610 psi Min.: 25 bar / 360 psi
Force Increase By Temperature	$\pm 0.3\% / ^\circ\text{C}$
Max. Charging Pressure (bar at 20°C)	180
Min. Operating Temperature	0°C
Max. Operating Temperature	80°C
Max. Stroke / Minute	80-100 at 20°C
Max. Piston Rod Velocity	96 m/min.
Max. Utilised Stroke	100%
Repair Kit	T2SK2-180
Inlet Valve	4018112



T2-180 Contact Force

Colour	Charge Pressure		Contact Force	
	bar	psi	N	lbs
Yellow	180	2610	2036	458
Red	135	1960	1527	343
Blue	90	1305	1018	229
Green	45	655	509	114
Black*	25-180	363-2610	280-2036	63-458

T2-180 Dimensional Information

Product Code	Stroke Lengths		Y		L	
	mm	inch	mm	inch	mm	inch
T2-180X7	7	0.28	56	2.20	49	1.93
T2-180X10	10	0.39	62	2.44	52	2.05
T2-180X12.7	12.7	0.50	67.4	2.65	54.7	2.15
T2-180X15	15	0.59	72	2.83	57	2.24
T2-180X16	16	0.63	74	2.91	58	2.28
T2-180X25	25	0.98	92	3.62	67	2.64
T2-180X38	38.1	1.50	118.2	4.65	80.1	3.15
T2-180X50	50	1.97	142	5.59	92	3.62
T2-180X63	63.5	2.50	172	6.65	108.5	4.15
T2-180X75	75	2.95	195	7.68	120	4.72
T2-180X80	80	3.15	205	8.07	125	4.92
T2-180X100	100	3.94	245	9.65	145	5.71
T2-180X125	125	4.92	295	11.61	170	6.69

* Custom Pressure: Please specify charging pressure or contact force required.