



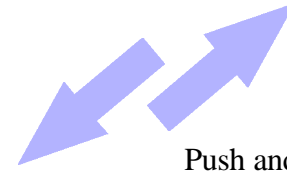
Long Life Tubular Solenoid 19mmDia x 38mm

Part Number Pull 195224-2XX
Push 195225-2XX

General Specifications

Dielectric Strength: 1000 VRMS;
Recommended Heat Sink: Maximum watts dissipated by the solenoid are based on an unrestricted flow of air at 20° C mounted on the equivalent of an aluminium plate 76x76x3.2mm min.
Coil Resistance: +/- 5% tolerance
Holding Force: 12.8 N @ 20°C
Weight: 74.9 g Pull 78.2g push
Plunger Wt: 18.0 g. Pull 13.5g Push

Coil Specifications							
Maximum Duty Cycle	100%	50%	25%	10%			
Maximum ON Time (sec) When pulsed continuously 1	∞	230	25	6			
Maximum ON Time (sec) for single pulse 2	∞	265	63	15			
Watts (@20° C)	7	14	28	70			
Ampere Turns (@ 20° C)	855	1200	1700	2700			
Coil Data							
awg. (0xx)3	Resistance (@ 20°C)	# Turns 4	Nominal DC Voltage				
25	2.13	488	3.9	5.5	7.7	12.2	
26	2.9	544	4.5	6.4	9.0	14.2	
27	5.27	760	6.1	8.6	12.1	19.2	
28	9.15	1026	8.0	11.3	16.0	25.0	
29	12.5	1146	9.4	13.2	18.7	30.0	
30	20.7	1491	12.0	17.0	24.0	38.0	
31	33.6	1904	15.0	22.0	31.0	48.0	
32	53.5	2394	19.4	27.0	39.0	61.0	
33	83.5	2970	24.0	34.0	48.0	76.0	



Push and Pull Linear

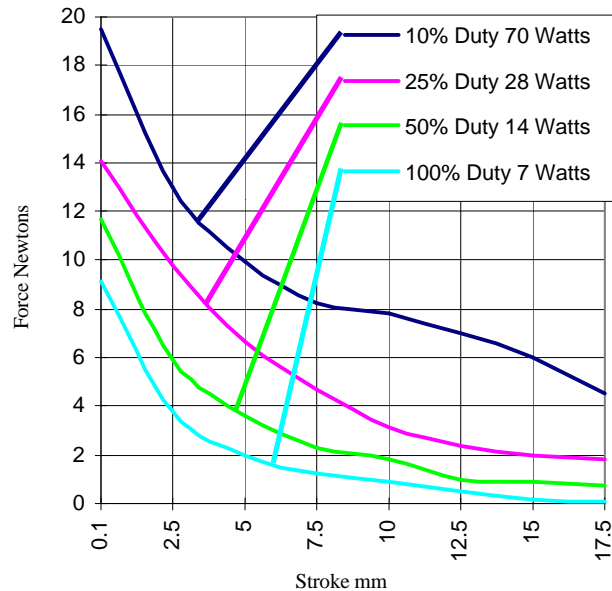
- Notes:**
- 1 Continuously pulsed at stated watts and duty cycle.
 - 2 Single pulsed at stated watts (with coil at ambient room temperature 20°C).
 - 3 Other coil gauges available, consult factory.
 - 4 Reference number of turns.
 - 5 Anti rotational mounting bushes available on request.

How to Order

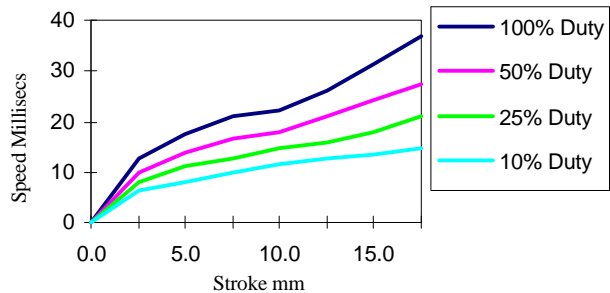
Add the coil awg number to the part number, alternatively please specify Voltage, Duty Cycle, Starting force and stroke required as well as any special requirements.

Performance

Typical Starting Force @ 20°C



Typical Operating Speed @ 20°C and No Load



Dimensions

