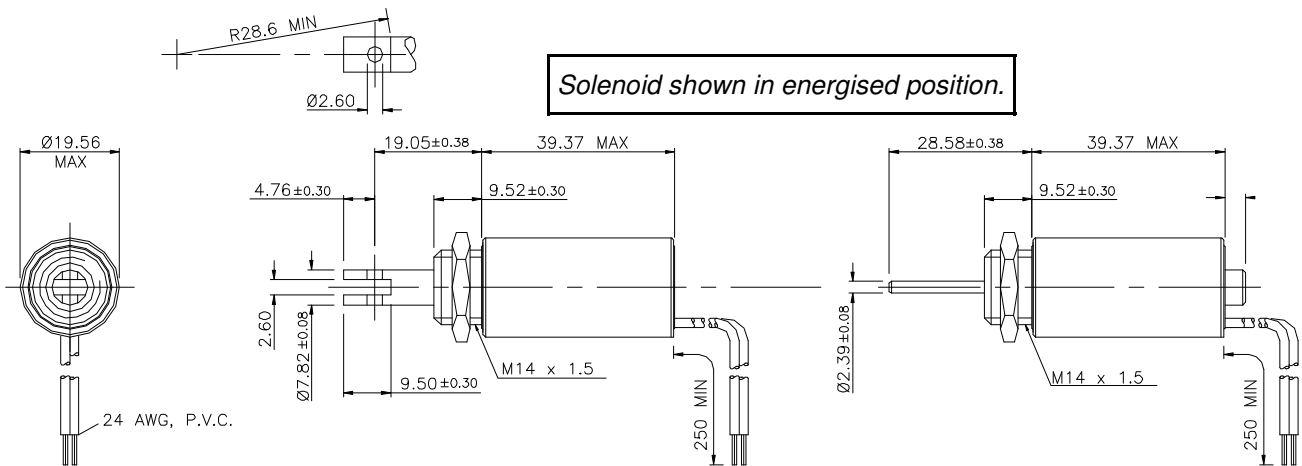


Push or Pull Linear

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 / 78.2 g Push.
- **Plunger Weight:** 18.0 g Pull / 13.5 g Push.

Part Number: Pull SDT2039L-2XX
Push SDT2039S-2XX



Coil Specifications

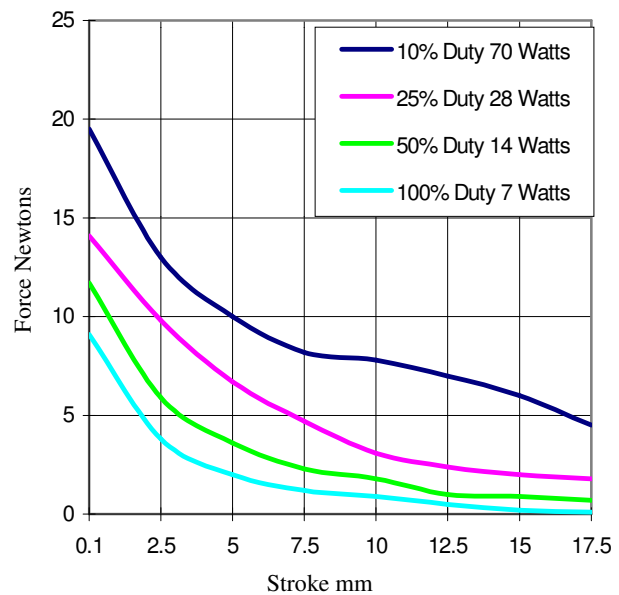
Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (seconds) When pulsed continuously 1	∞	230	25	6
Maximum ON Time (seconds) for single pulse 2	∞	265	63	15
Watts (@20° C)	7	14	28	70
Ampere Turns (@ 20° C)	855	1200	1700	2700

Coil Data

awg. (2xx)3	Resistance (@ 20° C)	# Turns 4	Nominal DC Voltage			
			3.9	5.5	7.7	12.2
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

Performance

Typical Starting Force @ 20° C



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; the Voltage / Duty cycle / Starting Force / Stroke required and any special requirements.