

Tubular Solenoid

Long Life Linear

Push **SDT3050S-2XX**

Pull **SDT3050L-2XX**

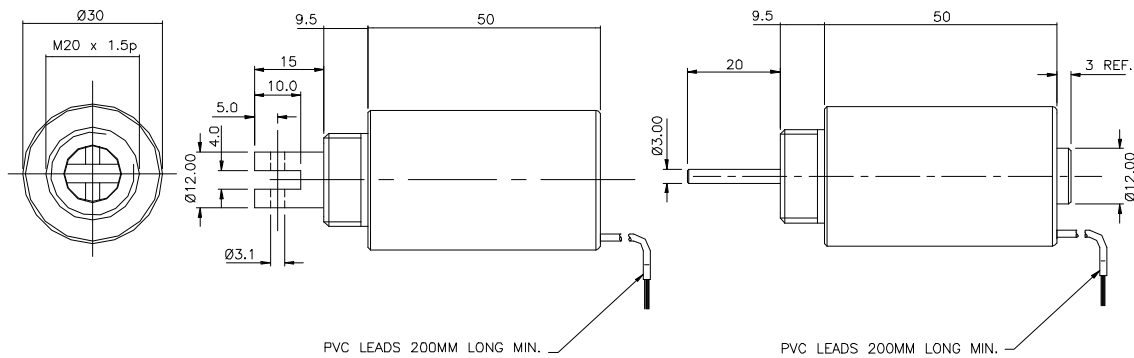
- **Dielectric Strength:** 1000 VRMS
- **Recommended Heat Sink:** Maximum watts dissipated by the solenoid are based on an unrestricted flow of air at 20°C mounted on the equivalent of an aluminium plate 102 x 102 x 3.2mm min.



General Specifications:

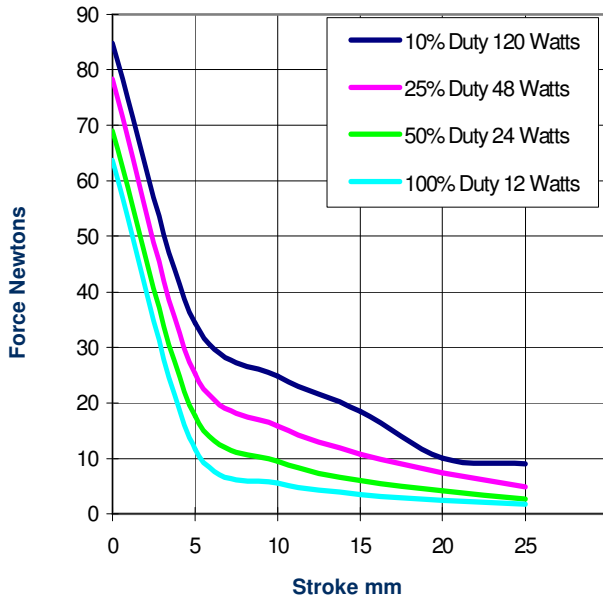
- **Coil Resistance:** +/- 5% tolerance
- **Holding Force:** 56.6 N @ 20°C
- **Weight:** 230 g Pull / 223 g Push
- **Plunger Weight:** 50 g Pull / 38 g Push

Solenoid shown in energised position



Performance Specification

Typical Starting Force @ 20°C



How to Order

Add the coil awg. number to the part number, alternatively please specify:

- Voltage
- Duty Cycle
- Starting Force
- Stroke Required
- Any Special Requirements

Coil Specifications

Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (seconds) When pulsed continuously (1)	∞	370	45	12
Maximum ON Time (seconds) for single pulse (2)	∞	480	135	38
Watts (@20°C)	12	24	48	120
Ampere Turns (@ 20°C)	1460	2070	2920	4600

Coil Data

awg. (2XX) (3)	Resistance (@ 20°C)	# Turns (4)	Nominal DC Voltage			
23	3	745	6	8.5	12	19
26	12	1443	12	17	24	38
29	48	2927	24	34	48	76

Other ratings available on request

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

Please Note: In line with continued development we reserve the right to amend specification without prior notice (Rev 01/12)

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