

Tubular Solenoid

Long Life Linear

Push SDT3050S-2XX

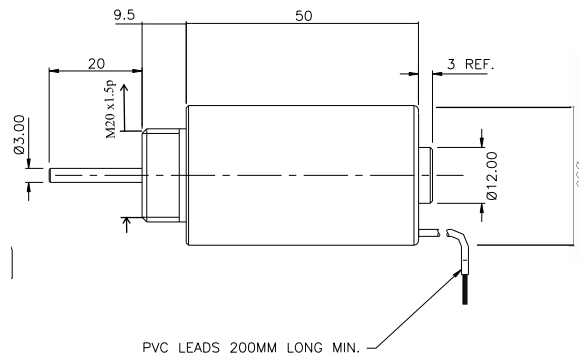


- **Dielectric Strength:** 1000 VRMS
- **Recommended Heat Sink:** Maximum watts dissipated by the solenoid are based on an unrestricted flow of air at 20° C mounted on the equivalent of an aluminium plate 102 x 102 x 3.2mm min.

General Specifications:

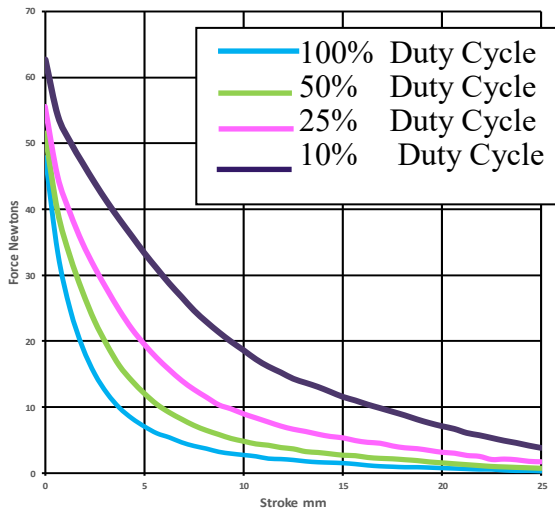
- **Coil Resistance:** +/- 5% tolerance
- **Holding Force:** 56.6 N @ 20° C
- **Weight:** 223 g
- **Plunger Weight:** 38 g

Solenoid shown in energised position



Performance Specification

Typical Starting Force @ 20°C



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

avg. (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

How to Order

Add the coil awg. number to the part number
SDT3050S-2XX

Alternatively please specify:

- Voltage
- Duty Cycle
- Starting Force
- Stroke Required

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 02/19)

NSF Controls Ltd | Ingrow Bridge Works | Keighley | West Yorkshire | BD21 5EF | UK | Registered in England No. 3378269

T: +44 (0) 1535 661 144 | F: +44 (0) 1535 661 474 | E: info@nsfcontrols.co.uk | www.nsfcontrols.co.uk