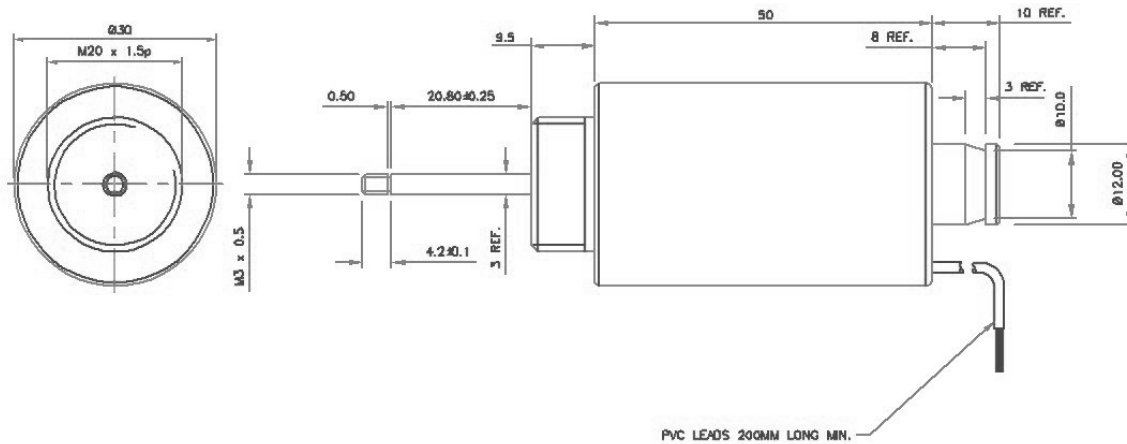


# Tubular Solenoid

## Linear - Push - SDT 3050S



### Dimensions



Solenoid shown in energised position

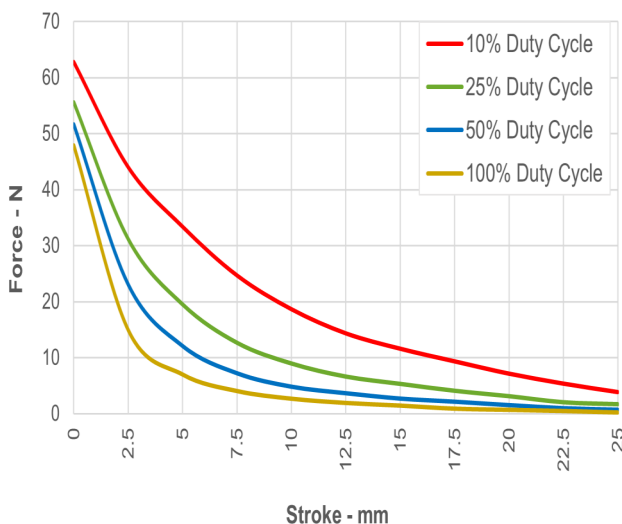
### General Specifications

- Dielectric Strength:** 1000 VRMS
- Coil Resistance:** +/- 5% tolerance
- Holding Force:** 56.6 N @ 20° C
- Weight:** 223 g
- Plunger Weight:** 38 g

**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.

### Performance Specifications

Typical Starting Force @20°c



### Coil Specifications

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

#### Coil Data

avg.	Resistance (@ 20°C)	# Turns	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