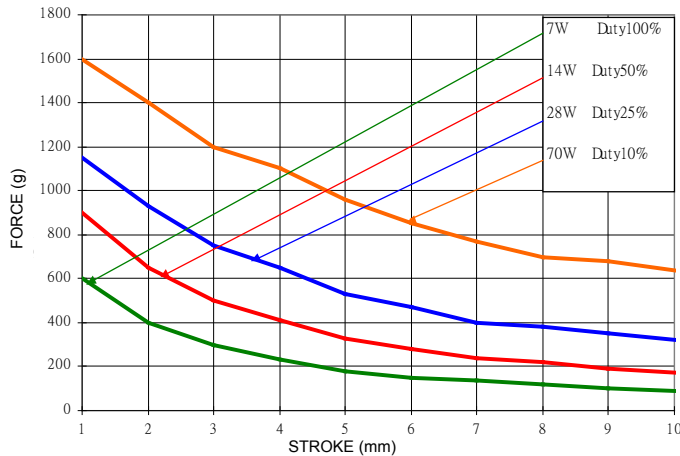


T1939 TUBULAR SOLENOIDS

Solenoids tubular type for linear motion. Small solenoids with low weight designed for maximal force and performance. Low power losses and low acoustic noise during operation. The plunger force and speed can be increased by applying a higher voltage but with respect to the average duty cycle of the application and ambient temperature. The solenoids are made in basically two types, pull type and push type. The push type is a pull type with an extended plunger rod with an exit at the rear side of the solenoid. In standard version both type solenoids are delivered excluding spring.

DIAGRAM



T1939L PULL TYPE



T1939S PUSH TYPE

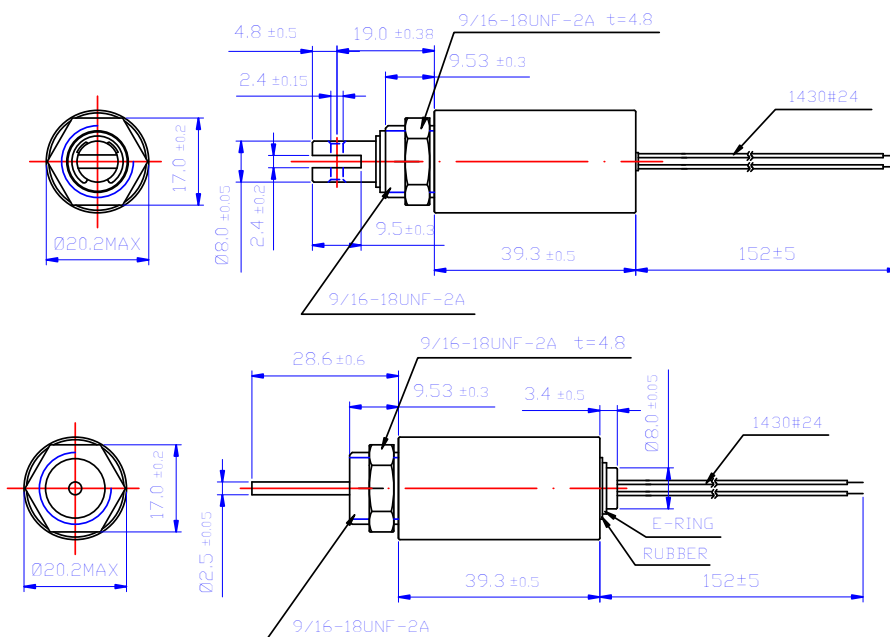


TRANSMOTEC SWEDEN AB

BASIC DATA

Duty cycle (%) = $\frac{\text{"ON" time}}{\text{"ON" time} + \text{"OFF" time}} \times 100\%$			Continuous (100%)	Intermittent (50%)	Intermittent (25%)	Intermittent (10%)
Watts at 20°C			7	14	28	70
Maximum "ON" time in seconds			∞	230	25	6
Type no.		Resistance (20°C) ±10%	DC Volts			
T1939L-06V	T1939S-06V	5.14	6	8.5	12	19
T1939L-12V	T1939S-12V	20.6	12	17	24	38
T1939L-24V	T1939S-24V	82.3	24	34	48	76
T1939L-48V	T1939S-48V	329	48	68	96	152

APPEARANCE SIZE



ADDITIONAL DATA

- Insulation grade: E (120 °C), wire A (105 °C)
- Temperature rise: 80 °C continuous, 40 °C ambient with cooling flange
- Isolation resistance: > 100M ohm 500 VDC
- Dielectric strength: AC1000V 50/60Hz 1 minute
- Operating temp. range: -20 °C ~ + 40 °C
- Life expectancy: Standard life 2.000.000 cycles or more
- Total weight: L 82g / S 81g