

# ST3864N

## Pull Type Tubular Solenoid

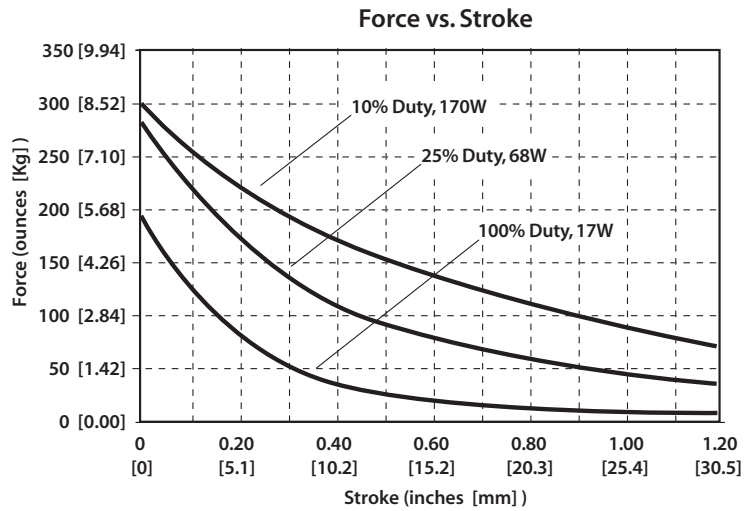
1.50" Dia. × 2.52" L  
(38mm × 64mm)



### Specifications:

- Operation: ..... Pull
- Insulation: ..... Class "A" (105°C) standard\*
- Coil Termination: ..... 20 AWG flying leads per drawing\*
- Plunger linkage: ..... Slot & cross-drilled\*
- Plunger pole face: ..... 45° stepped conical\*
- Solenoid weight: ..... 17.5oz [497g]
- Plunger weight: ..... 3.4oz [95g]
- Dielectric Strength: ..... 1000VAC for one minute
- Operating temperature range: ..... -20°C to 40°C

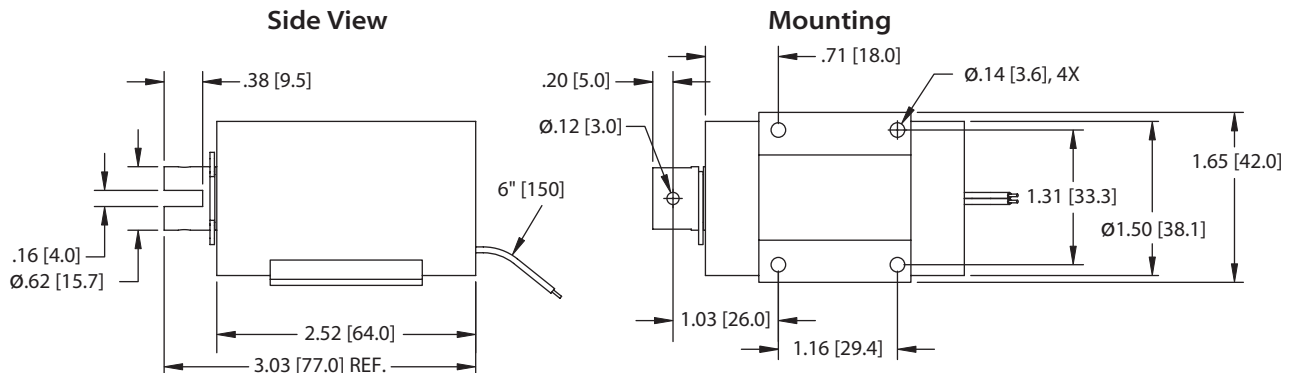
\*Other options available upon request



### Coil Data:

100% Duty — 17W			25% Duty — 68W		10% Duty — 170W	
Voltage (VDC)	Resistance (Ω)	Part Number	Resistance (Ω)	Part Number	Resistance (Ω)	Part Number
3	0.53	ST3864N0300	0.13	ST3864N0325	0.05	ST3864N0310
6	2.1	ST3864N0600	0.53	ST3864N0625	0.22	ST3864N0610
12	8.5	ST3864N1200	2.1	ST3864N1225	0.85	ST3864N1210
24	33.9	ST3864N2400	8.5	ST3864N2425	3.39	ST3864N2410

Typical force @20°C and nominal rated DC voltage. Resistance values ±10% @20°C. All data subject to change. Other voltages and duty cycles available upon request.



Notes: Solenoid shown in energized position. Dimensions listed are for reference only. Dimensions shown in inches and [mm].