

T44 1 3/8" Tubular Solenoid "Performance Pro" Series

Solenoid Solutions That Fit Your Unique Needs

For over 25 years, Jewell Instruments has provided businesses with high-quality, standard and custom solenoids. We also offer next-level assembly support in addition to designing and manufacturing electronic modules — relays, motors and other electromechanical devices — that interface with solenoids.

Superb product design sets us apart from the competition with our engineering expertise covering mechanical, electro-mechanical, magnetics and electronics. Add that to our broad applications understanding and our decades of solenoid sales experience. The result is a solid reputation for quality, reliability, innovative solutions, unmatched customer service and very flexible production scheduling.

Jewell Instruments' new T44 Tubular is a very rugged, compact solenoid. It is completely interchangeable with "industry standard" tubulars and is a very high performance design.



Technical Information

Insulation Material

Class B Rating (standard)

Maximum Operating Temperature

130°C (266°F)

Dielectric Strength

50 Volts and Under: 500 VRMS

Over 50 Volts: 1,000 VRMS

Standard Voltages and Duty Cycles

Voltage, DC – 6, 12, 24, 120

Duty Cycles – 10%, 25%, 100%

Weight

.554" Dia. Plunger – .117 oz.

Solenoid Total – .584 oz.

Plunger Cone Angle

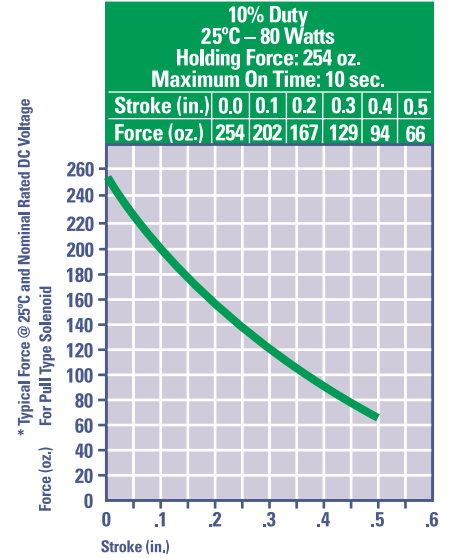
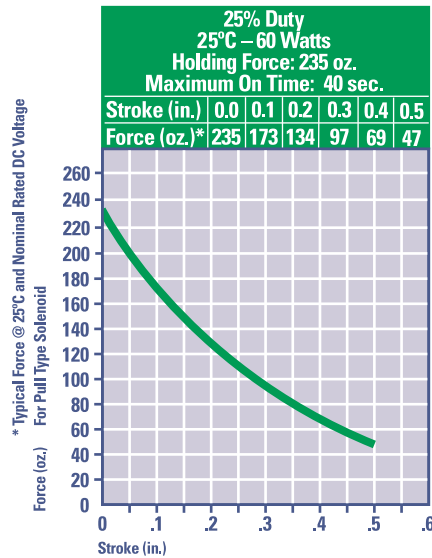
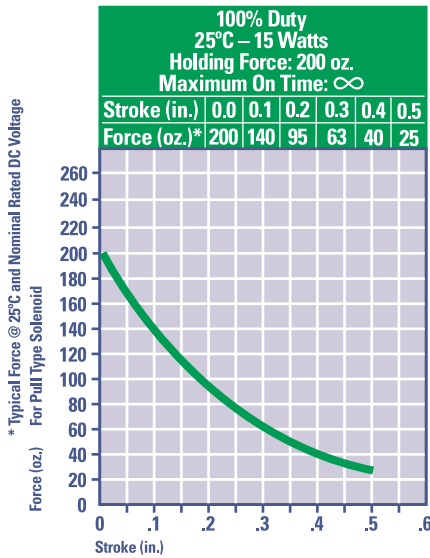
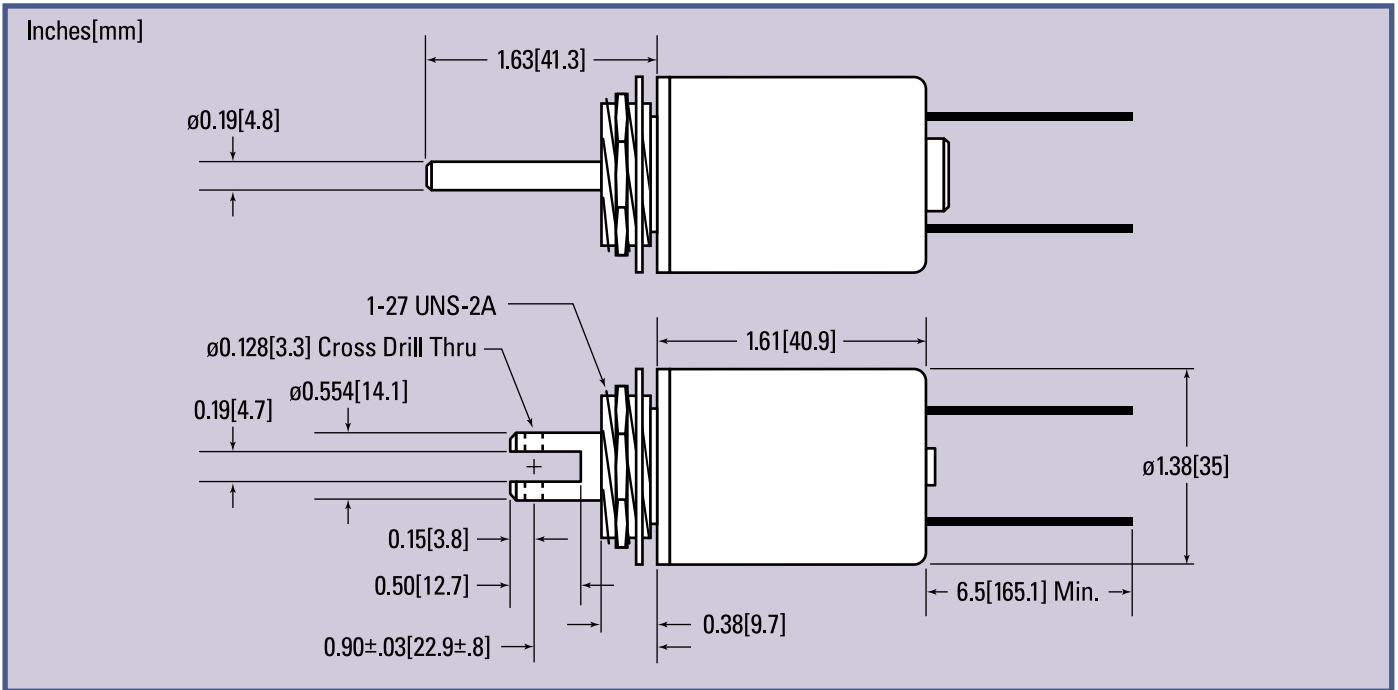
60 degrees (standard)

Others available

Termination

Teflon Wire Leads 22 AWG
(standard)

Dimensionals



Pull Type	100% Duty – 15 Watts		25% Duty – 60 Watts		10% Duty – 80 Watts	
Voltage	Resistance	Part Number	Resistance	Part Number	Resistance	Part Number
6 VDC	2.4 OHMS	T44040600	0.6 OHMS	T44040625	0.45 OHMS	T44040610
12 VDC	9.6 OHMS	T44041200	1.4 OHMS	T44041225	1.8 OHMS	T44041210
24 VDC	38.4 OHMS	T44042400	9.6 OHMS	T44042425	7.2 OHMS	T44042410
120 VDC	960 OHMS	T440412000	240 OHMS	T440412025	180 OHMS	T440412010

Push Type	100% Duty – 15 Watts		25% Duty – 60 Watts		10% Duty – 80 Watts	
Voltage	Resistance	Part Number	Resistance	Part Number	Resistance	Part Number
6 VDC	2.4 OHMS	T44060600	0.6 OHMS	T44060625	0.45 OHMS	T44060610
12 VDC	9.6 OHMS	T44061200	1.4 OHMS	T44061225	1.8 OHMS	T44061210
24 VDC	38.4 OHMS	T44062400	9.6 OHMS	T44062425	7.2 OHMS	T44062410
120 VDC	960 OHMS	T440612000	240 OHMS	T440612025	180 OHMS	T440612010