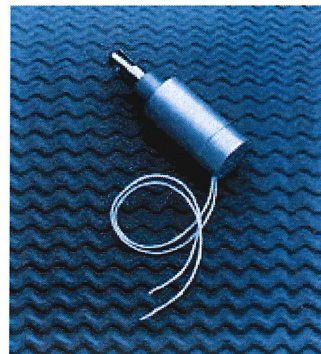




## T24 3/4" Tubular Solenoid "Performance Pro" Series

**BEST OF  
CLASS**



### Solenoid Solutions That Fit Your Unique Needs

For over 25 years, Jewell 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 that interface with solenoids and other electro-mechanical devices.

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.

### Introducing "TriCore" Tubular Technology

Jewell has a new tubular solenoid design (patent-pending) with three air gaps versus the standard four and a more efficient, lower cost manufacturing process. Our TriCore design has a lower reluctance magnetic circuit resulting in reduced power, higher force performance. It is also very rugged and is completely interchangeable with "industry standard" tubular solenoids.

#### T24 3/4" Tubular Solenoid, "Performance Pro" Series

##### Insulation Material

Class B Rating (standard)

##### Weight

.308" Diameter Plunger - .041 oz.  
Solenoid Total - .162 oz.

##### Maximum Operating Temperature

130°C (266°F)

##### Plunger Cone Angle

60 degrees (standard)  
Others available

##### Dielectric Strength

50 Volts and Under: 500 VRMS  
Over 50 Volts: 1,000 VRMS

##### Termination

Teflon Wire Leads 26 AWG  
(standard)

##### Standard Voltages and Duty Cycles

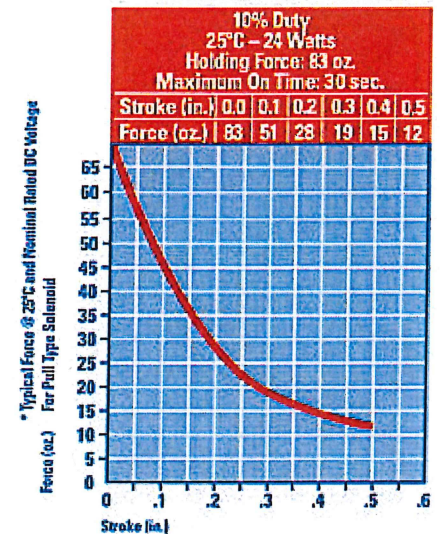
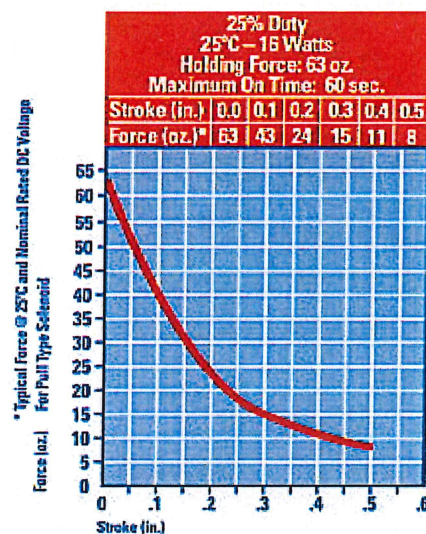
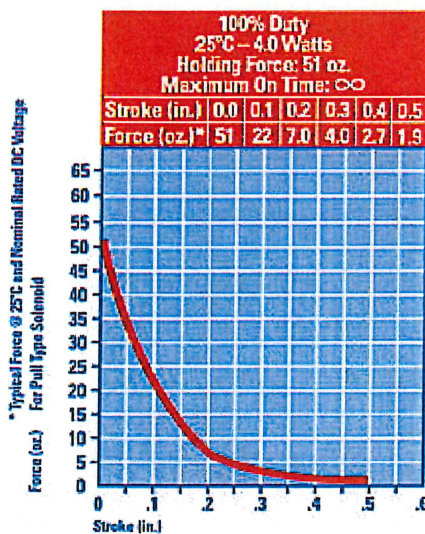
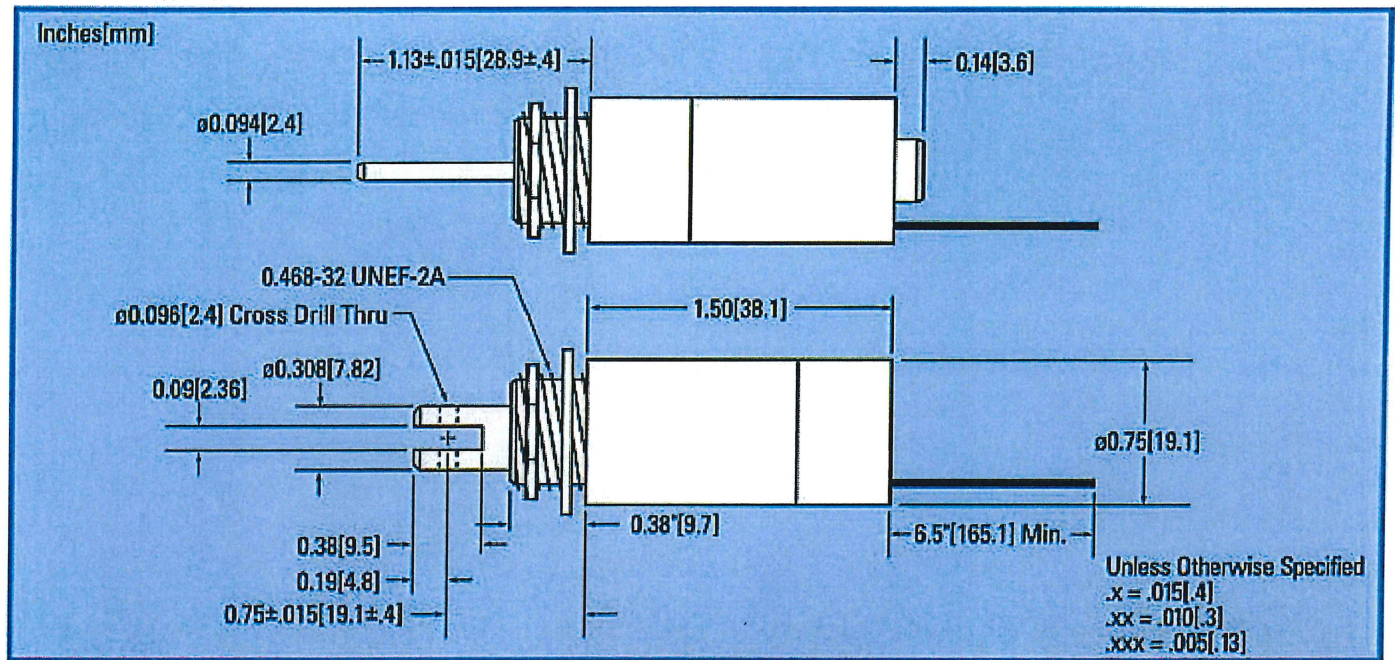
Voltage, DC - 6, 12, 24, 120  
Duty Cycles - 10%, 25%, 100%

#### Applications

- Electric/Electronic Locks
- Medical Instrumentation
- Cash Drawers & ATM's
- Computer Peripherals
- Interlocks for Doors & Panels



# Dimensionals



Pull Type			100% Duty – 4.0 Watts			25% Duty – 16 Watts			10% Duty – 24 Watts		
Voltage	Resistance	Part Number	Resistance	Part Number		Resistance	Part Number		Resistance	Part Number	
6 VDC	9.0 OHMS	T24040600	2.3 OHMS	T24040625		1.5 OHMS	T24040610				
12 VDC	36.0 OHMS	T24041200	9.0 OHMS	T24041225		6.0 OHMS	T24041210				
24 VDC	144.0 OHMS	T24042400	36.0 OHMS	T24042425		24.0 OHMS	T24042410				
120 VDC	3600 OHMS	T240412000	900 OHMS	T240412025		600 OHMS	T240412010				
Push Type			100% Duty – 4.0 Watts			25% Duty – 16 Watts			10% Duty – 24 Watts		
Voltage	Resistance	Part Number	Resistance	Part Number		Resistance	Part Number		Resistance	Part Number	
6 VDC	9.0 OHMS	T24060600	2.3 OHMS	T24060625		1.5 OHMS	T24060610				
12 VDC	36.0 OHMS	T24061200	9.0 OHMS	T24061225		6.0 OHMS	T24061210				
24 VDC	144.0 OHMS	T24062400	36.0 OHMS	T24062425		24.0 OHMS	T24062410				
120 VDC	3600 OHMS	T240612000	900 OHMS	T240612025		600 OHMS	T240612010				