

Tubular Solenoid Spring Kit

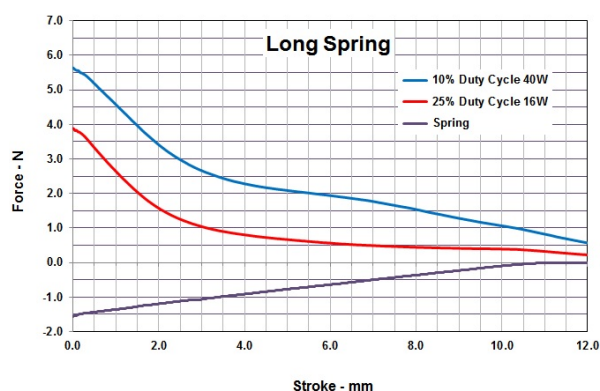
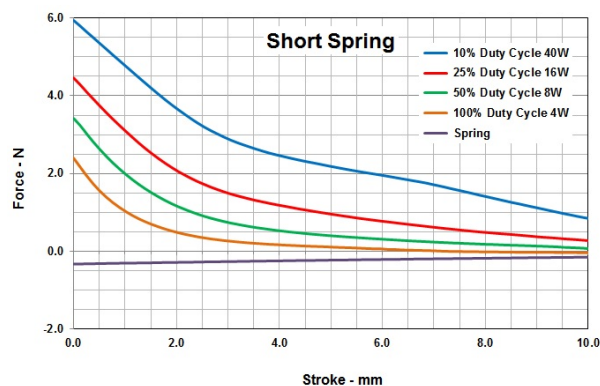
13 x 27 STA Pull Tubular

Part Number: 153861-200

ALL PRODUCTS ARE RoHS COMPLIANT



Fits Metric Solenoid



Typical Performance When Installed on Solenoid 195222-2XX

This Johnson Electric Solenoid Spring Kit is designed for use with the 13 x 27 STA Pull Tubular Solenoid, P/N 195222-2XX (sold separately) by replacing the plunger in the solenoid with the one from the kit along with either the short or long spring from the kit. The plunger is 2.54mm longer than the stock plunger to accommodate the spring.

Spring Kit Contents:

- Short Spring
- Long Spring
- Replacement Plunger
- Retaining Ring
- Flat Washer

Spring Specifications:

Description:	Outside Diameter	Free Length	Spring Rate
Short Spring:	5.94	11.94	0.79 N/cm
Long Spring:	5.94	14.99	1.33N/cm

The Short Spring is designed to be used for strokes up to 10mm and any duty cycle of power on the solenoid. The Long Spring is designed to be used for strokes up to 12mm and duty cycles of 25% or 10% only. The solenoid may not energize against the spring at lower duty cycles than 25%.