Size 75M-STA° Pull Tubular Solenoids — 20 mm Dia. x 40 mm

Part Number: 195224 - X XX C

All products are RoHS Compliant

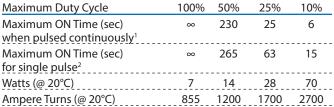
Coil AWG Number (from performance chart below)

Plunger Configurations and anti-rotation flat on mounting

- 1 Flat face plunger without anti-rotation flat
- 2 60° plunger without anti-rotation flat
- 5 Flat face plunger with anti-rotation flat
- 6 60° plunger with anti-rotation flat

vDC .

Performance









	Coll Data				
awg (0XX)³	Resistance (@20°C)	# Turns⁴	VDC VDC (Nom) (Nom)	VDC (Nom)	VDC (Nom)
24	1.10	330	2.7 3.8	5.6	8.8
25	2.13	488	3.9 5.5	7.7	12.2
26	2.90	544	4.5 6.4	9.0	14.2
27	5.27	760	6.1 8.6	12.1	19.2
28	9.15	1026	8.0 11.3	16.0	25.0
29	12.50	1146	9.4 13.2	18.7	30.0
30	20.70	1491	12.0 17.0	24.0	38.0
31	33.60	1904	15.0 22.0	31.0	48.0
32	53.50	2394	19.4 27.0	39.0	61.0
33	83.50	2970	24.0 34.0	48.0	76.0

- ¹ Continuously pulsed at stated watts and duty cycle
- ² Single pulse at stated watts (with coil at ambient room temperature 20°C)
- ³ Other coil awg sizes available please consult factory
- ⁴ Reference number of turns

Specifications

Dielectric Strength	1000 VRMS
Recommended Minimum Heat Sink	Maximum watts dissipated by solenoid are based on an unrestricted flow of air at 20°C, with solenoid mounted on the equivalent of an aluminium plate measuring 76 mm square by 3.2 mm thick
Coil Resistance	±5% tolerance
Holding Force	Flat Face: 23.3 N @ 20°C

Holding Force Flat Face: 23.3 N @ 20°C 60°: 12.8 N @ 20°C

Weight 83.6 g Plunger Weight 20.1 g

How to Order

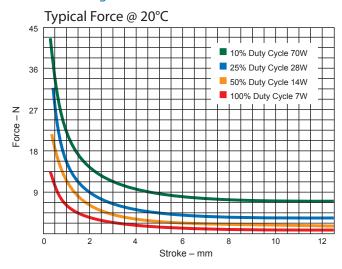
Add the plunger number and the coil awg number to the part number (for example: to order a unit with a flat face plunger configuration without an anti-rotation flat rated for 12.1 VDC at 25% duty cycle, specify 195224-127.

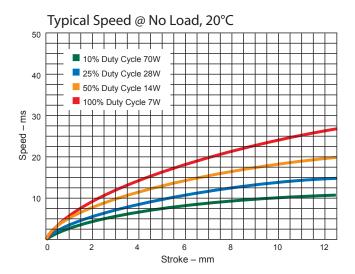
Please see www.johnsonelectric.com for our list of stock products available through distribution.

All specifications subject to change without notice.

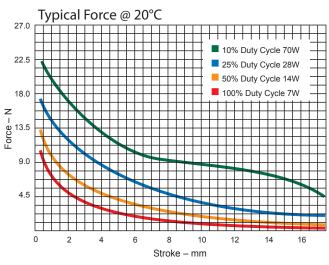
Size 75M-STA® Pull Tubular Solenoids — 20 mm Dia. x 40 mm

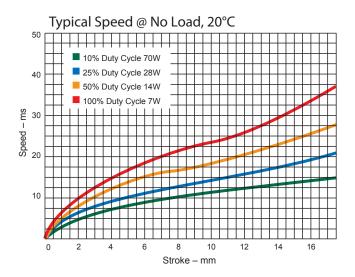
Flat Face Plunger





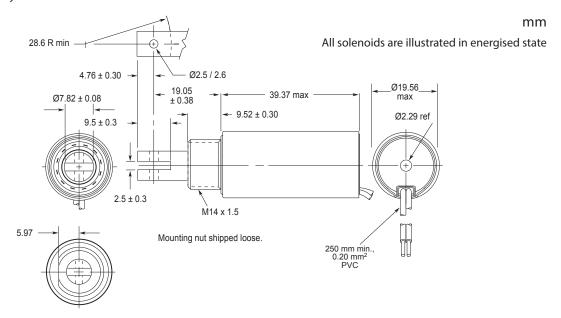
60° Plunger





Force values for reference only.

Dimensions



Ledex Solenoids www.johnsonelectric.com 1.937.454.2345 Fax: 1.937.898.8624