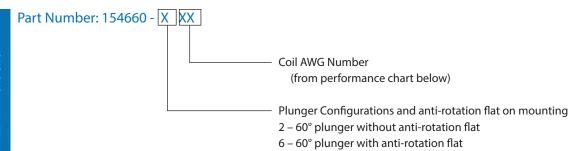
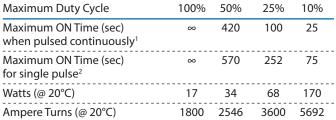
Size 150-STA® Pull Tubular Solenoids — 1-1/2" Dia. x 2-1/2"





Performance



		Coil Data
stance	#	VDC

			-	Duc				
awg (0XX) ³	Resistance (@20°C)	# Turns⁴		/DC lom)	VDC (Nom)	VDC (Nom)	VDC (Nom)	-
23	5.58	1030		9.8	13.9	19.7	31.0	
24	9.30	1344	•	12.4	17.6	25.0	39.0	
25	14.90	1712	•	15.7	22.0	31.0	50.0	
26	24.00	2180	•	19.9	28.0	40.0	63.0	
27	36.90	2680	2	25.0	35.0	50.0	79.0	
28	58.40	3322	3	32.0	45.0	63.0	100.0	
29	87.50	4008	3	39.0	56.0	79.0	124.0	
30	148.00	5292	ï	50.0	71.0	101.0	159.0	
31	224.00	6360	6	53.0	90.0	127.0	200.0	
32	344.00	7956	7	78.0	110.0	155.0	246.0	
33	554.00	10070	10	0.00	141.0	199.0	315.0	

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

Specifications

Dielectric Strength	1000 VRMS
Recommended	Maximum watts dissipated by
Minimum Heat Sink	solenoid are based on an unrestricted flow of air at 20°C, with solenoid mounted on the equivalent of an aluminum plate measuring 6" square by 1/8" thick
Coil Resistance	±5% tolerance
Holding Force	22.6 lbs (100.4 N) at 20°C

Weight 17.2 oz (487.6 g) Plunger Weight 4.04 oz (114.5 g)

How to Order

Add the plunger configuration and the coil awg number to the part number (for example: to order a unit with a 60° plunger without an anti-rotation flat rated for 25 VDC at 25% duty cycle, specify 154660-224.)

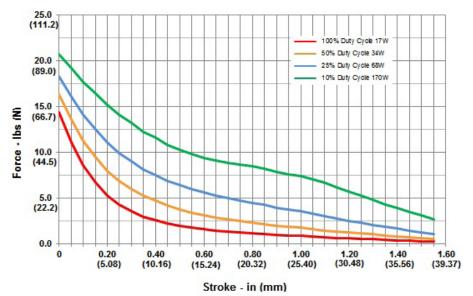
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Ledex® Solenoids Fax: 1.937.898.8624 www.johnsonelectric.com 1.937.454.2345

Size 150-STA® Pull Tubular Solenoids — 1-1/2" Dia. x 2-1/2"

Typical Force @ 20°C

All products are RoHS Compliant

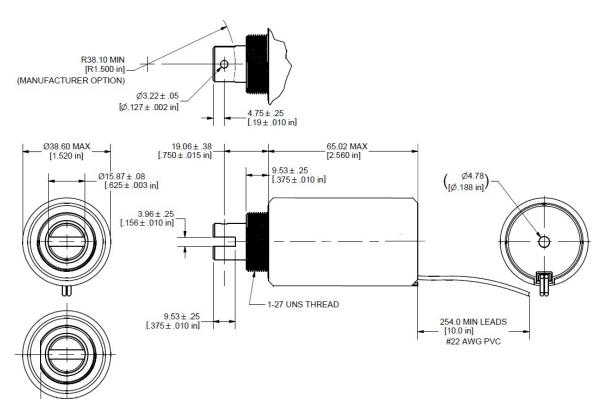


Force values for reference only.

Dimensions

Inches (mm)

All solenoids are illustrated in energized state



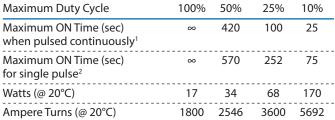
All specifications subject to change without notice.

Size 150-STA® Push Tubular Solenoids — 1-1/2" Dia. x 2-1/2"

Part Number: 154661 - X XX Coil AWG Number (from performance chart below) Plunger Configurations and anti-rotation flat on mounting 2 – 60° plunger without anti-rotation flat 6 - 60° plunger with anti-rotation flat



Performance





			Coil Data	a		
awg	Resistance	#	VDC	VDC	VDC	VDC
(0XX) ³	(@20°C)	Turns ⁴	(Nom)	(Nom)	(Nom)	(Nom)
23	5.58	1030	9.8	13.9	19.7	31.0
24	9.30	1344	12.4	17.6	25.0	39.0
25	14.90	1712	15.7	22.0	31.0	50.0
26	24.00	2180	19.9	28.0	40.0	63.0
27	36.90	2680	25.0	35.0	50.0	79.0
28	58.40	3322	32.0	45.0	63.0	100.0
29	87.50	4008	39.0	56.0	79.0	124.0
30	148.00	5292	50.0	71.0	101.0	159.0
31	224.00	6360	63.0	90.0	127.0	200.0
32	344.00	7956	78.0	110.0	155.0	246.0
33	554.00	10070	100.0	141.0	199.0	315.0

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

Specifications

Dielectric Strength	1000 VRMS
Recommended	Maximum watts dissipated by
Minimum Heat Sink	solenoid are based on an unrestricted flow of air at 20°C, with solenoid mounted on the equivalent of an aluminum plate measuring 6" square by 1/8" thick
Coil Resistance	±5% tolerance
Haldina Fanas	17 7 H (70 0 N) -+ 200C

Holding Force 17.7 lbs (78.9 N) at 20°C Weight 17.1 oz (484.4 g) Plunger Weight 3.4 oz (95.5 g)

How to Order

Add the plunger configuration and the coil awg number to the part number (for example: to order a unit with a 60° plunger without an anti-rotation flat rated for 25 VDC at 25% duty cycle, specify 154661-224.)

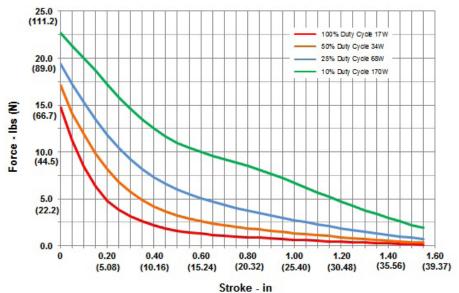
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Size 150-STA® Push Tubular Solenoids — 1-1/2" Dia. x 2-1/2"

Typical Force @ 20°C

All products are RoHS Compliant

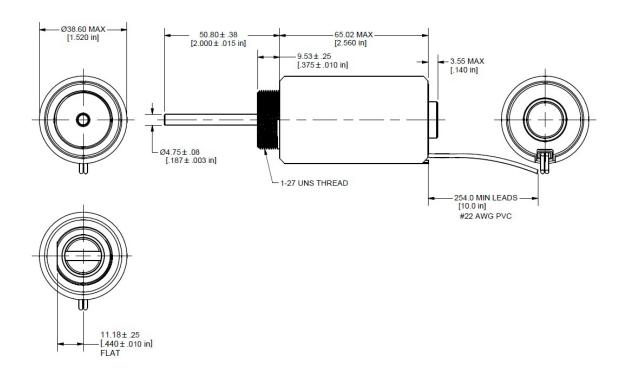


Force values for reference only.

Dimensions

Inches (mm)

All solenoids are illustrated in energized state



All specifications subject to change without notice.

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