

Saia-Burgess USA Inc.

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[Ledex > Linear Solenoids & Actuators > Low Profile Linear Solenoids > Low Profile Linear Solenoids > Item # 195203-231](#)**Item # 195203-231, STA® Series Tubular Solenoids**[larger image](#)

- ? **Power:** Average power consumption; high force output.
- ? **Housing:** STA® Series case provides greater shock and vibration integrity
- ? **Functional Advantages:** Ideal for high force, short stroke applications; on/off operation
- ? **Life*:** Extraordinary life of 25+ million actuations
- ? **Operation:** Push/pull engagement; well -suited to lock/latch operations
- ? **Size:** 9 sizes from 1/2" to 1 3/4" diameter and 1" to 4 3/4" long
- ? **Force:** Up to 22 lbs
- ? **Stroke:** Up to 2 1/2"

Specifications

Resistance	9.56 ohms
Power rating (DC W) @ 100% duty	4
Power rating (DC W) @ 50% duty	8
Power rating (DC W) @ 25% duty	16
Power rating (DC W) @ 10% duty	40
Force at Start of Stroke -100% duty- (lbs)	0.01
Force at Start of Stroke - 50% duty- (lbs)	0.02
Force at Start of Stroke - 25% duty- (lbs)	.03
Force at Start of Stroke - 10% duty- (lbs)	0.06
Force at Nominal Stroke and 100% Duty- (lbs)	0.13
Force at Nominal Stroke and 50% Duty- (lbs)	0.25
Force at Nominal Stroke and 25% Duty- (lbs)	0.44
Force at Nominal Stroke and 10% Duty- (lbs)	0.88
Force at end of Stroke-100% duty- (lbs)	0.50
Force at end of Stroke- 50% duty- (lbs)	0.81
Force at end of Stroke- 25% duty- (lbs)	1.13
Force at end of Stroke- 10% duty- (lbs)	1.56
Construction	Tubular
Action	push
Body Length	1 in