

## 1500 Series

Models 1502, 1502ES & 1504 dual coil solenoids

**Pull Force Range: 10-12 lbs (44-53 N)**

**Hold Force Range: 19-28 lbs (85-125 N)**

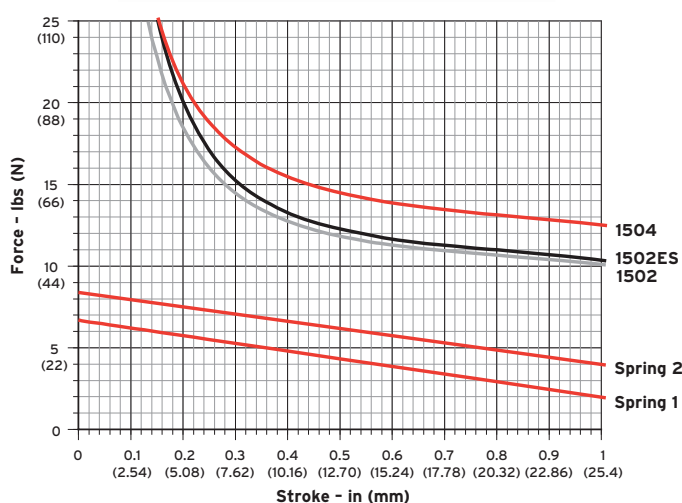


Model	Rated Voltage	Pull Rating*	Hold Rating*
1502	12/24 Vdc	10 lbs (44 N)	24 lbs (107 N)
1502ES	12/24 Vdc	10 lbs (44 N)	28 lbs (125 N)
1504	12/24 Vdc	12 lbs (53 N)	19 lbs (85 N)

\*At rated voltage, 68°F (20°C), and 1" (25.4 mm) stroke

### Return Spring

Model	Force @ 1"
S1 Light	2.0-6.7 lbs (8.9-29.8 N)
S2 Medium	4.0-8.4 lbs (17.8-37.4 N)



**Order Information:** Complete the following model descriptions to build your Order No.

( )	( )	( )	( )	( )	( )	( )	( )
Model No.	Volts	Mounting Style	Plunger Type	Grounding (No. of Terminals)	Termination Type	Boot Type	Return Spring (Force @ 1")
<b>1502</b>	<b>12</b> 12 Vdc	<b>A</b> Flange	<b>2</b> Ext. Thread ¼-28	<b>G</b> Grounded (1 Terminal)	<b>1</b> Screw	<b>B1</b> Constant Volume Epichlorohydrin	<b>S1</b> Light (2.0-6.7 lbs)
<b>1502ES</b> Note: 1502ES offers Base Mounting, Ungrounded Terminals and Screw Type Termination only	<b>24</b> 24 Vdc	<b>B</b> Thread	<b>3</b> Ext. Thread M-6	<b>U</b> Ungrounded 1502 and 1504: (2 Terminals) 1502ES: (3 Terminals or Wire Leads)	<b>2</b> Spade	<b>B2</b> Bellows Silicone Rubber	<b>S2</b> Medium (4.0-8.4 lbs)
<b>1504</b>		<b>C</b> Base	<b>6</b> Int. Thread ¼-28		<b>L</b> 3 Wire Leads	<b>B4</b> Bellows Silicone Rubber	
		<b>D</b> Flange	<b>7</b> Int. Thread M-6			<b>B5</b> Constant Volume Silicone Rubber	

**When you order:** Add A to your order number for the Aux Terminal option available on internally switched models. Certain combinations may not be standard models. Please contact factory to determine whether a custom-built model is required for your application.

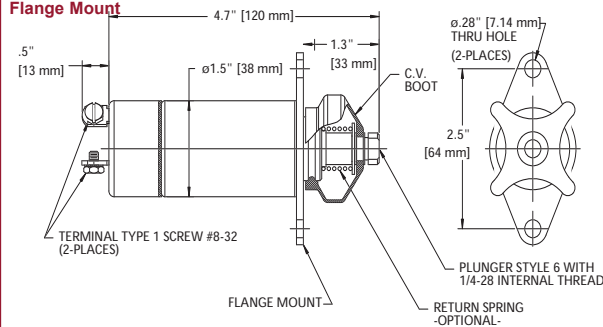
# 1500 Series

## Dual Coil Solenoids

### Mounting Styles:

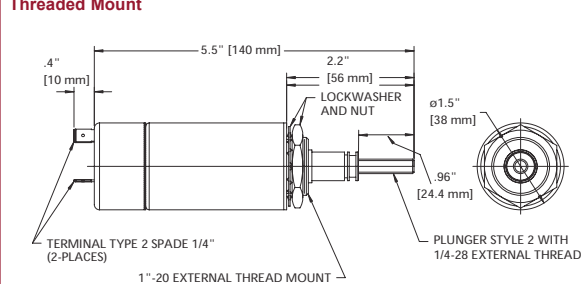
#### MOUNTING STYLE A

##### Flange Mount



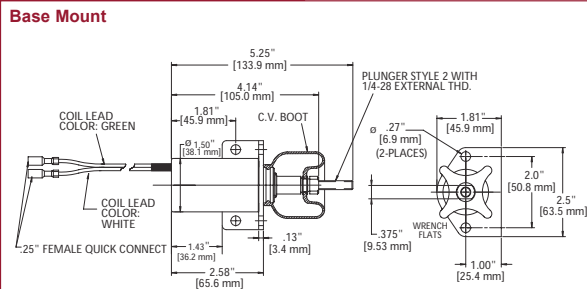
#### MOUNTING STYLE B

##### Threaded Mount



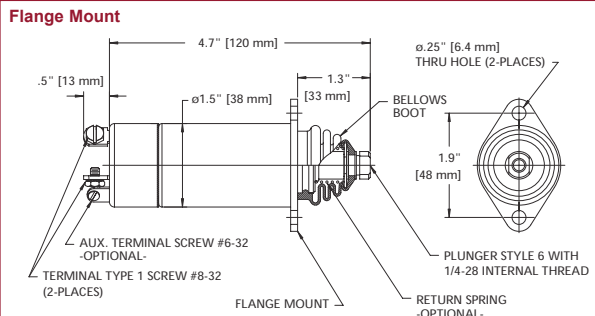
#### MOUNTING STYLE C

##### Base Mount



#### MOUNTING STYLE D

##### Flange Mount



### Specifications:

Temperature Range

-40°F to +250°F  
(-40°C to +121°C)

Weight

1.0 lbs (0.5 kg)

Model	Rated Voltage	Rated Stroke	Pull Current	Hold Current	Pull Rating*	Hold Rating*	Coil Winding
1502	12 Vdc	1" (25.4 mm)	30 A	0.7 A	10 lbs (44 N)	24 lbs (107 N)	Parallel
1502	24 Vdc	1" (25.4 mm)	16 A	0.24 A	10 lbs (44 N)	24 lbs (107 N)	Parallel
1502ES	12 Vdc	1" (25.4 mm)	30 A	0.7 A	10 lbs (44 N)	28 lbs (125 N)	Parallel
1502ES	24 Vdc	1" (25.4 mm)	16 A	0.24 A	10 lbs (44 N)	28 lbs (125 N)	Parallel
1504	12 Vdc	1" (25.4 mm)	41 A	0.76 A	12 lbs (53 N)	19 lbs (85 N)	Parallel
1504	24 Vdc	1" (25.4 mm)	22 A	0.37 A	12 lbs (53 N)	19 lbs (85 N)	Parallel

\*At rated voltage, 68°F (20°C), and 1" (25.4 mm) stroke

Specifications are for reference only.

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