

1750 Push Series

Models 1756ES, 1756ESDB, 1757ES & 1757ESDB dual coil solenoids.

Externally switched push models available with double boot

Push Force Range: 16-26 lbs (71-116 N)

Hold Force Range: 35-37 lbs (156-165 N)

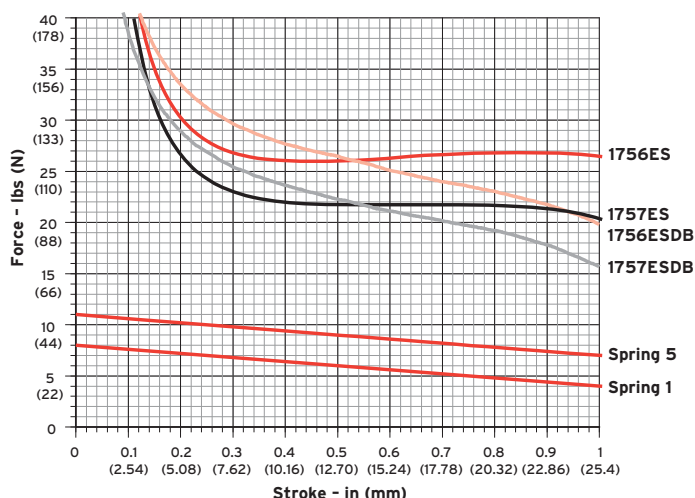


Model	Rated Voltage	Push Rating*	Hold Rating*
1756ES	12/24 Vdc	26 lbs (116 N)	35 lbs (156 N)
1756ESDB	12/24 Vdc	20 lbs (89 N)	35 lbs (156 N)
1757ES	12/24 Vdc	20 lbs (89 N)	37 lbs (165 N)
1757 ESDB	12/24 Vdc	16 lbs (71 N)	37 lbs (165 N)

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

Return Spring

Model	Force @ 1"
S1 Light	4-8 lbs (17.8-35.6 N)
S5 Medium	7-11 lbs (31.1-48.9 N)



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

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Model No.	Volts	Mounting Style	Plunger Type	Grounding (No. of Terminals)	Termination Type	Boot Type	Return Spring (Force @ 1")
1756ES	12 12 Vdc	A Flange	2 Ext. Thread ¼-28	U Ungrounded (3 Terminals or Wire Leads)	L 3 Wire Leads	B1 Constant Volume Silicone Rubber Not available on ESDB models	S1 Light (4-8 lbs)
1756 ESDB	24 24 Vdc	E Base	3 Ext. Thread M-6		C Connector attached to 3 Wire Leads Note: Contact factory for type and availability	B2 Bellows Silicone Rubber	S5 Medium (7-11 lbs) Available on 1756ES and 1756ESDB only
1757ES						B4 Bellows Silicone Rubber	
1757 ESDB							

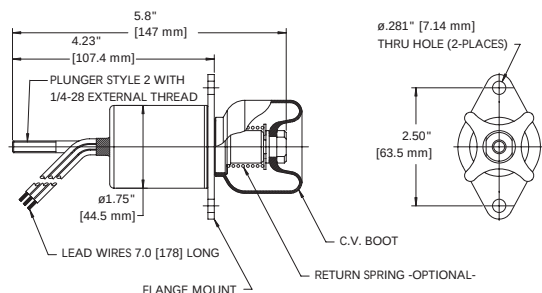
When you order: Certain combinations may not be standard models. Please contact factory to determine whether a custom-built model is required for your application.

1750 Push Series

Mounting Styles:

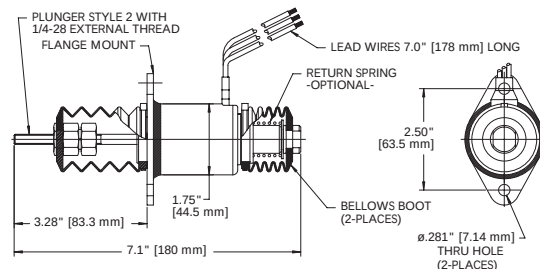
MOUNTING STYLE A

Flange Mount / External Switch



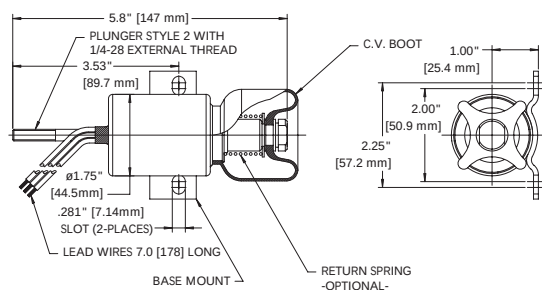
MOUNTING STYLE A

Flange Mount / External Switch, Double Boot



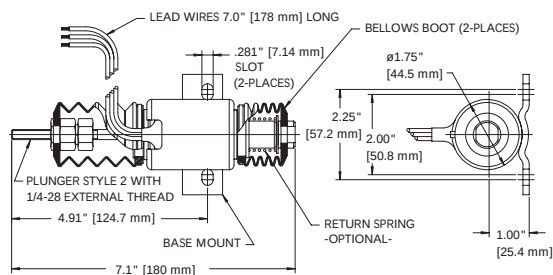
MOUNTING STYLE E

Base Mount / External Switch



MOUNTING STYLE E

Base Mount / External Switch, Double Boot



Specifications:

Temperature Range

-40°F to +250°F
(-40°C to +121°C)

Weight

1.5 lbs (0.7 kg)

Model	Rated Voltage	Rated Stroke	Push Current	Hold Current	Push Rating*	Hold Rating*	Coil Winding
1756ES	12 Vdc	1" (25.4 mm)	46 A	1.1 A	26 lbs (116 N)	35 lbs (156 N)	Parallel
1756ES	24 Vdc	1" (25.4 mm)	25 A	0.5 A	26 lbs (116 N)	35 lbs (156 N)	Parallel
1756ESDB	12 Vdc	1" (25.4 mm)	46 A	1.1 A	20 lbs (89 N)	35 lbs (156 N)	Parallel
1756ESDB	24 Vdc	1" (25.4 mm)	25 A	0.5 A	20 lbs (89 N)	35 lbs (156 N)	Parallel
1757ES	12 Vdc	1" (25.4 mm)	33 A	0.8 A	20 lbs (89 N)	37 lbs (165 N)	Parallel
1757ES	24 Vdc	1" (25.4 mm)	18 A	0.4 A	20 lbs (89 N)	37 lbs (165 N)	Parallel
1757ESDB	12 Vdc	1" (25.4 mm)	33 A	0.8 A	16 lbs (71 N)	37 lbs (165 N)	Parallel
1757ESDB	24 Vdc	1" (25.4 mm)	18 A	0.4 A	16 lbs (71 N)	37 lbs (165 N)	Parallel

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

Specifications are for reference only.

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