

## Cable Solenoid

Patented, remote cable link solenoid can be used for throttle advance or shutdown requirements. Ideal for applications with space restrictions, extremely hot environments or excessive vibration.



### Features:

- Remote mount for installation away from constrained or hostile environments
- Assembled with Model 2003ES high-force solenoid
- 8-14 pound return spring standard for start/stop applications.
- Heavy-duty cable withstands temperature ranges of -63°F to +250°F (-53°C to +121°C)
- Spherical rod end with 0.237" (6 mm) diameter hole
- Corrosion resistant plated steel housing and mounting
- Coils are potted to seal entire solenoid for reliable service under extreme vibration, temperature, dirt, and moisture conditions
- Options include connectors, flexible conduit over leads, and Coil Commander™ solenoid protection modules
- Patented

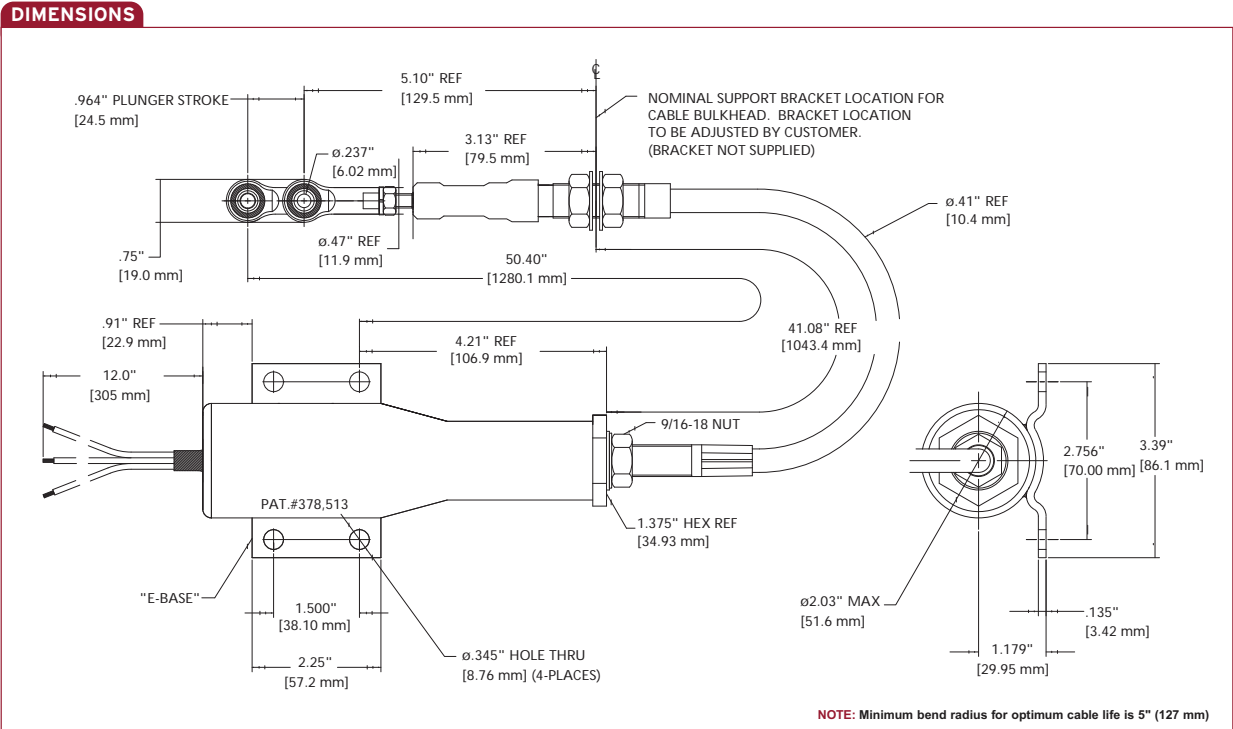
### Solenoid Model 2003ES Features:

- 12 or 24 Vdc
- Base mount
- Ungrounded 3-wire leads
- Return spring 8 lbs (3.6 kg) at rated voltage, 68°F (20°C) and 1" (25.4 mm) stroke

### Order Information:

ORDER NO.	Voltage
SA-4744-12	12 Vdc
SA-4744-24	24 Vdc

E.E.C. Directive Compliance: All parts supplied by Woodward are classified as components, and therefore are not "CE" marked. Please contact factory direct for details on specific product compliance with 89/336/EEC and 89/392/EEC directives.

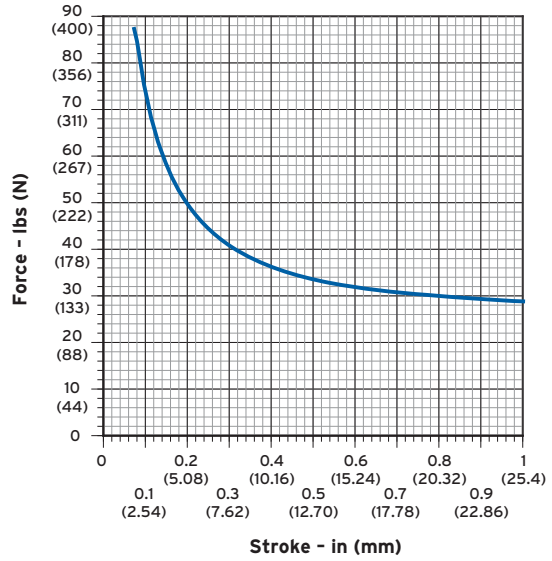


**Specifications:**

At rated voltage, 68°F (20°C)  
and .964" (24.5 mm) stroke

Voltage	12 Vdc	24 Vdc
Pull Current	61.8 A	39.0 A
Hold Current	0.85 A	0.46 A
Pull Force	29 lbs (129 N)	
Hold Force	41 lbs (182 N)	
Cable Length	41.08" (1043.4 mm)	
Total Length	50.4" (1280.1 mm)	

**Force vs. Stroke**



Specifications and dimensions are for reference only.