### Show in Extended Shaft Position

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value [Unit]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>0.750 [19.1]</td>
</tr>
<tr>
<td>Diameter</td>
<td>0.156 [4.0]</td>
</tr>
<tr>
<td>Diameter</td>
<td>0.313 [7.9]</td>
</tr>
<tr>
<td>Length</td>
<td>1.250 [31.8]</td>
</tr>
<tr>
<td>Length</td>
<td>1.00 [25.4]</td>
</tr>
<tr>
<td>Length</td>
<td>0.188 [4.8]</td>
</tr>
</tbody>
</table>

### Intermittent Force @ 10% Duty Cycle
- **Continuous Force:** 6.5 N (23.3 OZ)
- **Force Constant:** 2.1 N/A (7.4 OZ/A)
- **Back EMF Constant:** 1.8 V/m/s (0.05 V/in/s)
- **Stroke:** 22.2 mm (0.875 IN)
- **Coil Clearance Per Side:** 0.38 mm (0.015 IN)
- **Coil Mass:** 16 G (0.56 OZ)
- **Body Mass:** 48 G (1.7 OZ)
- **Coil Resistance:** 4.6 Ohms
- **Coil Inductance @ 1000 Hz:** 0.86 mH
- **Max Continuous Power:** 6.0 W
- **Max Total Shaft Side Load:** 2.0 N (7.2 OZ)
- **Linear Bearing Type:** Plain Bushing

**Notes:**
- All Values at 25°C
- Unless otherwise specified

### Continuous Force vs. Stroke

![Continuous Force vs. Stroke Graph](image)

**Linear Voice Coil Motor**

**Specifications:**
- **Dimensions:** All in [Inches](mm)
  - **Tolerances:** ±0.005 ±1/25 ±1/2
  - **Angles:** XXX.XX

**Material:**
- **Drn:**
- **Chr:**

**Contract:**
- **Finish:**

**Application:**
- **Used On:**
- **Next Assy:**

**AppvD:**

**Scale:** 1 / 1

**Sheet:** 1 of 1

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