oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



# TX0810-07

## Excelite-TX®

### Sleeve

Design Requirement: Boundary Lubrication Application High Load-Low Speed Applications Extreme Pressure Lubrication with Moly Additive.

Temp Range -10°F to +220°F

**Dimensions & Tolerances**

| | |
|---|---|
| Nominal ID: | 0.5 " |
| ID Max: | 0.5055 " |
| ID Min: | 0.5045 " |
| Nominal OD: | 0.625 " |
| OD Max: | 0.628 " |
| OD Min: | 0.627 " |
| Length: | 0.875 " ±0.01 |
| Weight: | lbs / 0 g |

**Press Fit**

| | |
|---|---|
| Housing Bore: | 0.6253 " ±0.0005 |
| Shaft Diameter: | 0.50025 " ±0.0002 |

**Temperature**

| | |
|---|---|
| Max Temp F / C: | 250 / 121 |
| Min Temp F / C: | 15 / -9 |

**Pressure Ratings**

| | |
|---|---|
| Max P: | 5000 (psi) |
| Max V: | 220 (sf/m) |
| Max PV: | 40000 (lb-ft/in$^2$-min) |
| Calculated P: | 0 (psi) |
| Calculated V: | 0 (sf/m) |
| Calculated PV: | 0 (lb-ft/in$^2$-min) |

**Material Specifications**

| | |
|---|---|
| Lubrication: | Self-Lubricating |
| Regulations: | Lead-Free<br>Conflict Free<br>RoHS Certified<br>Reach Certified |
| Engineering Preferences: | Conducts Electricity |
| Specifications Met: | |

Preferred Supplier -
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