



**ISOSTATIC**  
LEADERS IN BRONZE BEARINGS...and MORE

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## Item # 505036, TP® Lead Free Steel-Backed PTFE Lined Sleeve Bearings - INCH

### Isostatic TP® Sleeve Bearings

- Standard stock products
- Self-lubricating dry sliding bearing
- A steel-backed composite material comprised of:
  - Low carbon steel backing for extremely high load capacity - .50 – 2.7 mm thick
  - Sintered bronze offers optimal heat dispersion – .20 - .35 mm thickness and
  - PTFE – lead free sliding surface creates a low friction coefficient and allows for a wide temperature range – thickness .2 mm
- Can be used where many liquid lubricants fail; also performs well with

[+ more](#)



[Description](#) | [Specifications](#) | [Dimensions](#) | [Tolerances](#) | [Performance Data](#)

### Description

#### Detailed Description

.6875 IN I.D. x .7813 IN O.D. x 0.8750 IN Length, TP, Lead Free Steel Back, PTFE Lined Composite, Sleeve Bearing

### Specifications

|                          |                             |
|--------------------------|-----------------------------|
| <b>Catalog Number</b>    | 11TP14                      |
| <b>Interchange #</b>     | 11DP414                     |
| <b>Unit of Measure</b>   | Each                        |
| <b>Material</b>          | Lead Free Steel-Backed PTFE |
| <b>Material Standard</b> | Lead Free Steel-Backed PTFE |

|                        |                |
|------------------------|----------------|
| <b>Avg Unit Weight</b> | 0.0247 lb      |
| <b>UPC Code</b>        | 00846802077389 |

## Dimensions

|                                 |                   |
|---------------------------------|-------------------|
| <b>Nominal Inner Diameter</b>   | 11/16 in          |
| <b>Nominal Outer Diameter</b>   | 25/32 in          |
| <b>Nominal Length</b>           | 7/8 in            |
| <b>Recommended Shaft Size</b>   | .6855 to .6865 in |
| <b>Recommended Housing Bore</b> | .7809 to .7817 in |

## Tolerances

|                                 |         |
|---------------------------------|---------|
| <b>Overall Length Tolerance</b> | ±.01 in |
|---------------------------------|---------|

## Performance Data

|   |                            |
|---|----------------------------|
| <b>Load - P Max Value</b>                             | 36,250 lb/in <sup>2</sup>  |
| <b>Speed - V Max Value</b>                            | 1,900 ft <sup>2</sup> /min |
| <b>Load at Speed - PV Max Value (P.S.I. / S.F.M.)</b> | 102,000                    |