



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

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## Item # 705121, TP® Lead Free Steel-Backed PTFE Lined Sleeve Bearings - METRIC

### 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](#)



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### Description

#### Detailed Description

55 MM I.D. x 60 MM O.D. x 30 MM Length, TP, Lead Free Steel Back, PTFE Lined Composite, Sleeve Bearing, Metric

### Specifications

|                          |                             |
|--------------------------|-----------------------------|
| <b>Catalog Number</b>    | M5530TP                     |
| <b>Interchange #</b>     | 5530DP4                     |
| <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> | 0.2251 lb      |
| <b>UPC Code</b>        | 00846802080631 |

## Dimensions

|                                 |                     |
|---------------------------------|---------------------|
| <b>Nominal Inner Diameter</b>   | 55 mm               |
| <b>Nominal Outer Diameter</b>   | 60 mm               |
| <b>Nominal Length</b>           | 30 mm               |
| <b>Recommended Shaft Size</b>   | 54.940 to 54.970 mm |
| <b>Recommended Housing Bore</b> | 60.000 to 60.030 mm |

## Tolerances

|                                 |         |
|---------------------------------|---------|
| <b>Overall Length Tolerance</b> | ±.25 mm |
|---------------------------------|---------|

## 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                    |