



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

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Item # 705123, 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 50 MM Length, TP, Lead Free Steel Back, PTFE Lined Composite, Sleeve Bearing, Metric

Specifications

Catalog Number	M5550TP
Interchange #	5550DP4
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE

Avg Unit Weight	0.3738 lb
UPC Code	00846802080655

Dimensions

Nominal Inner Diameter	55 mm
Nominal Outer Diameter	60 mm
Nominal Length	50 mm
Recommended Shaft Size	54.940 to 54.970 mm
Recommended Housing Bore	60.000 to 60.030 mm

Tolerances

Overall Length Tolerance	±.25 mm
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Performance Data

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