



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

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Item # 705201, 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

180 MM I.D. x 185 MM O.D. x 100 MM Length, TP, Lead Free Steel Back, PTFE Lined Composite, Sleeve Bearing, Metric

Specifications

Catalog Number	M180100TP
Interchange #	180100DP4 EGB180100-E40
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE

Avg Unit Weight	2.3330 lb
UPC Code	00846802081232

Dimensions

Nominal Inner Diameter	180 mm
Nominal Outer Diameter	185 mm
Nominal Length	100 mm
Recommended Shaft Size	179.937 to 180.000 mm
Recommended Housing Bore	185.000 to 185.046 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