



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

Isostatic Industries, Inc.
4153 North Kostner Avenue
Chicago, IL 60641
Toll Free: 800.621.5500
Phone: 773.286.3444
Fax: 773.282.3323
Email: info@isostatic.com

Item # 705182, 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](#)



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

Description

Detailed Description

140 MM I.D. x 145 MM O.D. x 100 MM Length, TP, Lead Free Steel Back, PTFE Lined Composite, Sleeve Bearing, Metric

Specifications

Catalog Number	M140100TP
Interchange #	140100DP4 EGB140100-E40
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE

Avg Unit Weight	1.8327 lb
UPC Code	00846802081140

Dimensions

Nominal Inner Diameter	140 mm
Nominal Outer Diameter	145 mm
Nominal Length	100 mm
Recommended Shaft Size	139.937 to 140.000 mm
Recommended Housing Bore	145.000 to 145.040 mm

Tolerances

Overall Length Tolerance	±.25 mm
---------------------------------	---------

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