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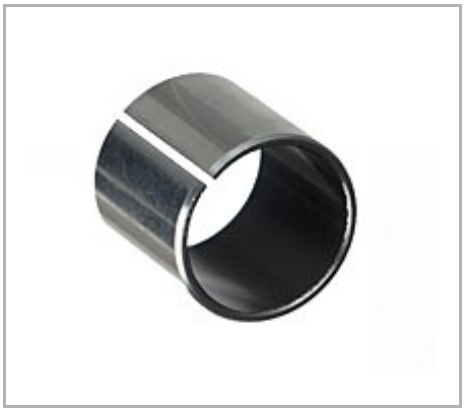
Item # 705221, TP® Lead Free Steel-Backed PTFE Lined Sleeve Bearings - METRIC

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	280 MM I.D. x 285 MM O.D. x 100 MM Length, TP, Lead Free Steel Back, PTFE Lined Composite, Sleeve Bearing, Metric

Specifications

Catalog Number	M280100TP
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE
Avg Unit Weight	3.6250 lb

UPC Code	00846802081300

Dimensions

Nominal Inner Diameter	280 mm
Nominal Outer Diameter	285 mm
Nominal Length	100 mm
Recommended Shaft Size	279.919 to 280.000 mm
Recommended Housing Bore	285.000 to 285.052 mm

Tolerances

Overall Length Tolerance	±.25 mm

Performance Data

Load - P Max Value	36,250 lb/in²
Speed - V Max Value	1,900 ft²/min
Load at Speed - PV Max Value (P.S.I. / S.F.M.)	102,000