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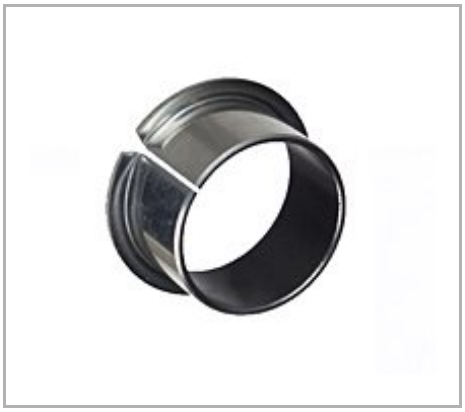
Item # 706010, TP® Lead Free Steel-Backed PTFE Lined Flange Bearings - METRIC

Isostatic TP® Flange 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	10 MM I.D. x 12 MM O.D. x 17 MM Length, TP, Lead Free Steel Back, PTFE Lined Composite, Flange Bearing, Metric

Specifications

Catalog Number	FM1017TP
Interchange #	BB1017DP4 EGF10170-E40
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE

Avg Unit Weight	0.0113 lb
UPC Code	00846802081423

Dimensions

Nominal Inner Diameter	10 mm
Nominal Outer Diameter	12 mm
Nominal Length	17 mm
Flange Nominal Outer Diameter	18 mm
Flange Nominal Thickness	1 mm
Recommended Housing Bore	12.000 to 12.018 mm
Recommended Shaft Size	9.972 to 9.987 mm

Tolerances

Overall Length Tolerance	±.25 mm
Flange Diameter Tolerance	±.50 mm
Flange Thickness Tolerance	.80 to 1.00 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