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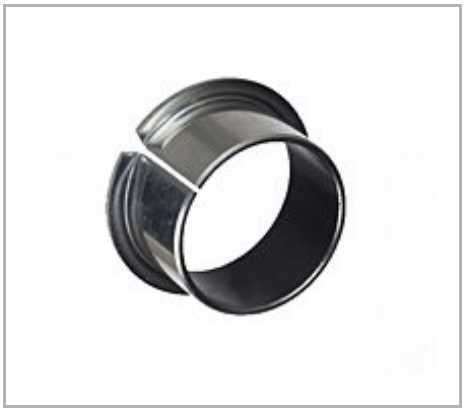
Item # 706015, TP® Lead Free Steel-Backed PTFE Lined Flange Bearings - METRIC

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	14 MM I.D. x 16 MM O.D. x 12 MM Length, TP, Lead Free Steel Back, PTFE Lined Composite, Flange Bearing, Metric

Specifications

Catalog Number	FM1412TP
Interchange #	BB1412DP4 EGF14120-E40
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE

Avg Unit Weight	0.011 lb
UPC Code	00846802081478

Dimensions

Nominal Inner Diameter	14 mm
Nominal Outer Diameter	16 mm
Nominal Length	12 mm
Flange Nominal Outer Diameter	22 mm
Flange Nominal Thickness	1 mm
Recommended Housing Bore	16.000 to 16.018 mm
Recommended Shaft Size	13.966 to 13.984 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