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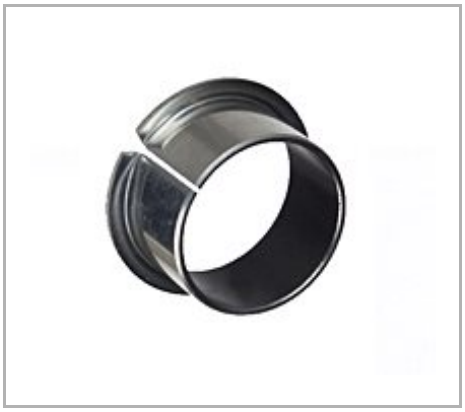
Item # 706020, TP® Lead Free Steel-Backed PTFE Lined Flange Bearings - METRIC

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	16 MM I.D. x 18 MM O.D. x 12 MM Length, TP, Lead Free Steel Back, PTFE Lined Composite, Flange Bearing, Metric

Specifications

Catalog Number	FM1612TP
Interchange #	BB1612DP4 EGF16120-E40
Unit of Measure	Each
Material	Lead Free Steel-Backed PTFE
Material Standard	Lead Free Steel-Backed PTFE

Avg Unit Weight	0.0123 lb
UPC Code	00846802081522

Dimensions

Nominal Inner Diameter	16 mm
Nominal Outer Diameter	18 mm
Nominal Length	12 mm
Flange Nominal Outer Diameter	24 mm
Flange Nominal Thickness	1 mm
Recommended Housing Bore	18.000 to 18.018 mm
Recommended Shaft Size	15.966 to 15.984 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