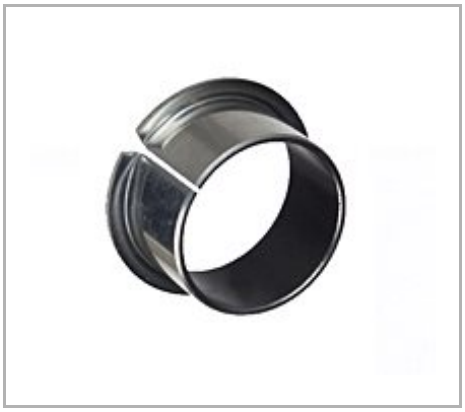
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Item # 702008, TU® Steel-Backed PTFE Lined Flange Bearings - METRIC

Isostatic TU® 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 – 2.7mm thick
  - Sintered bronze offers optimal heat dispersion –.20 - .35 mm thickness and
  - PTFE – lead 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 9 MM Length, TU, Steel Back, PTFE & Pb Lined Composite, Flange Bearing, Metric

Specifications

Catalog Number	FM1009TU
Interchange #	BB1009DU FMB1009DU PAF 10090 P10
Unit of Measure	Each
Material	Steel-Backed PTFE Lined

Material Standard	Steel-Backed PTFE Lined
Avg Unit Weight	0.0063 lb
UPC Code	00846802071073

Dimensions

Nominal Inner Diameter	10 mm
Nominal Outer Diameter	12 mm
Nominal Length	9 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