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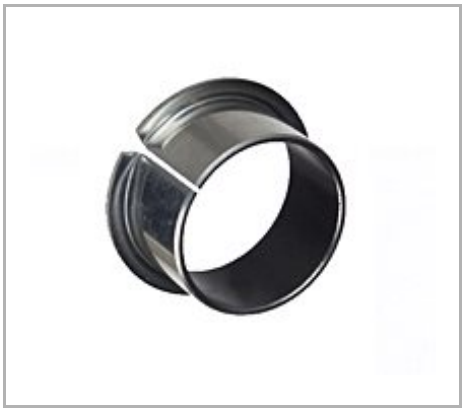
Item # 702015, TU® Steel-Backed PTFE Lined Flange Bearings - METRIC

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	14 MM I.D. x 16 MM O.D. x 12 MM Length, TU, Steel Back, PTFE & Pb Lined Composite, Flange Bearing, Metric

Specifications

Catalog Number	FM1412TU
Interchange #	BB1412DU FMB1412DU PAF 14120 P10
Unit of Measure	Each
Material	Steel-Backed PTFE Lined

Material Standard	Steel-Backed PTFE Lined
Avg Unit Weight	0.011 lb
UPC Code	00846802071141

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