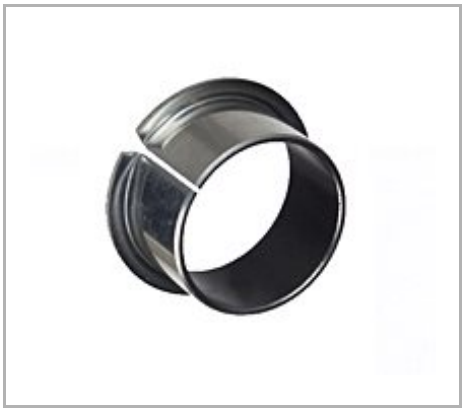
Isostatic Industries, Inc.
4153 North Kostner Avenue
Chicago, IL 60641
Toll Free: 800.621.5500
Phone: 773.286.3444
Fax: 773.282.3323
Email: info@isostatic.com

Item # 702018, 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	15 MM I.D. x 17 MM O.D. x 12 MM Length, TU, Steel Back, PTFE & Pb Lined Composite, Flange Bearing, Metric

Specifications

Catalog Number	FM1512TU
Interchange #	BB1512DU FMB1512DU PAF 15120 P10
Unit of Measure	Each
Material	Steel-Backed PTFE Lined

Material Standard	Steel-Backed PTFE Lined
Avg Unit Weight	0.0114 lb
UPC Code	00846802071172

Dimensions

Nominal Inner Diameter	15 mm
Nominal Outer Diameter	17 mm
Nominal Length	12 mm
Flange Nominal Outer Diameter	23 mm
Flange Nominal Thickness	1 mm
Recommended Housing Bore	17.000 to 17.018 mm
Recommended Shaft Size	14.966 to 14.984 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