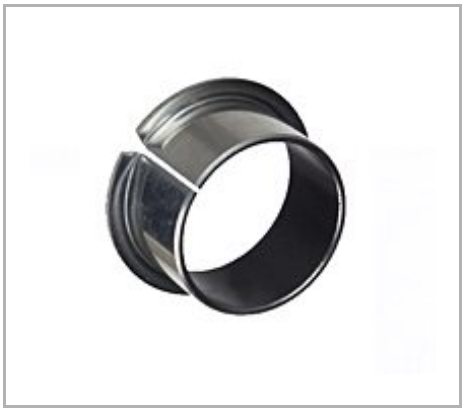
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Item # 702031, TU® Steel-Backed PTFE Lined Flange Bearings - METRIC

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	30 MM I.D. x 34 MM O.D. x 16 MM Length, TU, Steel Back, PTFE & Pb Lined Composite, Flange Bearing, Metric

Specifications

Catalog Number	FM3016TU
Interchange #	BB3016DU FMB3016DU PAF 30160 P10
Unit of Measure	Each
Material	Steel-Backed PTFE Lined

Material Standard	Steel-Backed PTFE Lined
Avg Unit Weight	0.0654 lb
UPC Code	00846802071301

Dimensions

Nominal Inner Diameter	30 mm
Nominal Outer Diameter	34 mm
Nominal Length	16 mm
Flange Nominal Outer Diameter	42 mm
Flange Nominal Thickness	2 mm
Recommended Housing Bore	34.000 to 34.025 mm
Recommended Shaft Size	29.959 to 29.980 mm

Tolerances

Overall Length Tolerance	±.25 mm
Flange Diameter Tolerance	±.50 mm
Flange Thickness Tolerance	1.80 to 2.00 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