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 # 602229, Oilube® Powdered Metal Bronze SAE841 Flange Bearings - METRIC

Isostatic Oilube® Bearings / Bushings

- Standard stock products
- SAE 841-copper (87-90%), tin (8-9), carbon, other elements
- Powdered metal bronze providing interconnected reservoirs for oil
- Vacuum impregnated with SAE 30 oil during the manufacturing process (approx. 19% by vol.)
- Self-lubricating – when in motion oil rises to the surface for lubrication and restores itself when at rest
- Ideal for heavy loads at moderate speeds or light loads at high speeds – max Pv 50,000, P-Load 2,000, V-SFM-1,200
-

+ more



Description | Specifications | Dimensions | Tolerances | Performance Data

Description

Detailed Description	25 MM I.D. x 32 MM O.D. x 25 MM Length x 39 MM Flange O.D. x 3.5 MM Flange Thick, SAE 841 Powdered Metal Bronze, Flange Bearing, Metric

Specifications

Catalog Number	FM-2532-25
Interchange #	25-32x25-39X3.5
Unit of Measure	Each
Material	Powdered Metal / Oil Impregnated Bronze
Material Standard	SAE 841

Avg Unit Weight	0.1339 lb
UPC Code	00846802066680

Dimensions

Nominal Inner Diameter	25 mm
Nominal Outer Diameter	32 mm
Nominal Length	25 mm
Flange Nominal Outer Diameter	39 mm
Flange Nominal Thickness	3.5 mm

Tolerances

Inner Diameter Tolerance	+.005 to +.03 mm
Outside Diameter Tolerance	+.04 to +.07 mm
Overall Length Tolerance	±.12 mm
Flange Diameter Tolerance	±.25 mm
Flange Thickness Tolerance	±.13 mm

Performance Data

Load - P Max Value	2,000 lb/in²
Speed - V Max Value	1,200 ft²/min
Load at Speed - PV Max Value (P.S.I. / S.F.M.)	50,000