



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

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 # 402036, Oilube® Powdered Metal Bronze SAE841 Flange Bearings - INCH

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
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Description

Detailed Description

.439 IN I.D. x .565 IN O.D. x 5/8 IN Length x 11/16 IN Flange O.D. x 1/16 IN Flange Thick, SAE 841 Powdered Metal Bronze, Flange Bearing

Specifications

| | |
|--------------------------|---|
| Catalog Number | SF-1418-10 |
| Interchange # | SF1418-10 |
| Unit of Measure | Each |
| Material | Powdered Metal / Oil Impregnated Bronze |
| Material Standard | SAE 841 |

| | |
|------------------------|----------------|
| Avg Unit Weight | 0.0161 lb |
| UPC Code | 00846802049065 |

Dimensions

| | |
|--------------------------------------|----------|
| Nominal Inner Diameter | 7/16 in |
| Nominal Outer Diameter | 9/16 in |
| Nominal Length | 5/8 in |
| Flange Nominal Outer Diameter | 11/16 in |
| Flange Nominal Thickness | 1/16 in |

Tolerances

| | |
|-----------------------------------|-------------------|
| Inner Diameter Tolerance | +0.000, -0.001 in |
| Outside Diameter Tolerance | +0.000, -0.001 in |
| Overall Length Tolerance | ±0.005 in |
| Flange Diameter Tolerance | ±0.005 in |
| Flange Thickness Tolerance | ±0.005 in |

Performance Data

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