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## Item # 102021, 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
-

+ more



Description | Specifications | Dimensions | Tolerances | Performance Data

### Description

| | |
|---|---|
| **Detailed Description** | .252 IN I.D. x .3775 IN O.D. x 3/8 IN Length x 15/32 IN Flange O.D. x 1/16 IN Flange Thick, SAE 841 Powdered Metal Bronze, Flange Bearing |

### Specifications

| | |
|---|---|
| **Catalog Number** | FF-312-1 |
| **Interchange #** | FF031201<br>FF312-1 |
| **Unit of Measure** | Each |
| **Material** | Powdered Metal / Oil Impregnated Bronze |
| **Material Standard** | SAE 841 |

| | |
|---|---|
| **Avg Unit Weight** | 0.0064 lb |
| **UPC Code** | 00846802008567 |

## Dimensions

| | |
|---|---|
| **Nominal Inner Diameter** | 1/4 in |
| **Nominal Outer Diameter** | 3/8 in |
| **Nominal Length** | 3/8 in |
| **Flange Nominal Outer Diameter** | 15/32 in |
| **Flange Nominal Thickness** | 1/16 in |

## Tolerances

| | |
|---|---|
| **Inner Diameter Tolerance** | +.000, -.001 in |
| **Outside Diameter Tolerance** | +.000, -.001 in |
| **Overall Length Tolerance** | ±.005 in |
| **Flange Diameter Tolerance** | ±.005 in |
| **Flange Thickness Tolerance** | ±.005 in |

## 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 |