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Item # 102160, 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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+ more



Description | Specifications | Dimensions | Tolerances | Performance Data

Description

Detailed Description	3.002 IN I.D. x 3.502 IN O.D. x 2-3/8 IN Length x 4 IN Flange O.D. x 3/8 IN Flange Thick, SAE 841 Powdered Metal Bronze, Flange Bearing

Specifications

Catalog Number	FF-3500
Interchange #	FF3500
Unit of Measure	Each
Material	Powdered Metal / Oil Impregnated Bronze
Material Standard	SAE 841

Avg Unit Weight	1.6632 lb
UPC Code	00846802009953

Dimensions

Nominal Inner Diameter	3 in
Nominal Outer Diameter	3 1/2 in
Nominal Length	2 3/8 in
Flange Nominal Outer Diameter	4 in
Flange Nominal Thickness	3/8 in

Tolerances

Inner Diameter Tolerance	+.000, -.003 in
Outside Diameter Tolerance	+.000, -.003 in
Overall Length Tolerance	±.0075 in
Flange Diameter Tolerance	±.015 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