



**ISOSTATIC**  
LEADERS IN BRONZE BEARINGS...and MORE

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## Item # 102037, 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

.3765 IN I.D. x .503 IN O.D. x 5/8 IN Length x 5/8 IN Flange O.D. x 3/32 IN Flange Thick, SAE 841 Powdered Metal Bronze, Flange Bearing

### Specifications

<b>Catalog Number</b>	FF-512-3
<b>Interchange #</b>	FF051203 FF512-3
<b>Unit of Measure</b>	Each
<b>Material</b>	Powdered Metal / Oil Impregnated Bronze
<b>Material Standard</b>	SAE 841

<b>Avg Unit Weight</b>	0.0150 lb
<b>UPC Code</b>	00846802008727

### Dimensions

<b>Nominal Inner Diameter</b>	3/8 in
<b>Nominal Outer Diameter</b>	1/2 in
<b>Nominal Length</b>	5/8 in
<b>Flange Nominal Outer Diameter</b>	5/8 in
<b>Flange Nominal Thickness</b>	3/32 in

### Tolerances

<b>Inner Diameter Tolerance</b>	+0.000, -0.001 in
<b>Outside Diameter Tolerance</b>	+0.000, -0.001 in
<b>Overall Length Tolerance</b>	±0.005 in
<b>Flange Diameter Tolerance</b>	±0.005 in
<b>Flange Thickness Tolerance</b>	±0.005 in

### Performance Data

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