



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

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## Item # 602290, 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
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### Description

#### Detailed Description

45 MM I.D. x 51 MM O.D. x 28 MM Length x 57 MM Flange O.D. x 3 MM Flange Thick, SAE 841 Powdered Metal Bronze, Flange Bearing, Metric

### Specifications

<b>Catalog Number</b>	FM-4050-40
<b>Interchange #</b>	40-50x40-60X5
<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>	0.4743 lb
<b>UPC Code</b>	00846802067298

### Dimensions

<b>Nominal Inner Diameter</b>	40 mm
<b>Nominal Outer Diameter</b>	50 mm
<b>Nominal Length</b>	40 mm
<b>Flange Nominal Outer Diameter</b>	60 mm
<b>Flange Nominal Thickness</b>	5 mm

### Tolerances

<b>Inner Diameter Tolerance</b>	+0.009 to +0.04 mm
<b>Outside Diameter Tolerance</b>	+0.05 to +0.083 mm
<b>Overall Length Tolerance</b>	±.19 mm
<b>Flange Diameter Tolerance</b>	±.25 mm
<b>Flange Thickness Tolerance</b>	±.13 mm

### 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