



**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](mailto:info@isostatic.com)

## Item # 602084, 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
- 

[+ more](#)



[Description](#) | [Specifications](#) | [Dimensions](#) | [Tolerances](#) | [Performance Data](#)

### Description

#### Detailed Description

10 MM I.D. x 16 MM O.D. x 16 MM Length x 20 MM Flange O.D. x 3 MM Flange Thick, SAE 841 Powdered Metal Bronze, Flange Bearing, Metric

### Specifications

<b>Catalog Number</b>	FM-1016-16
<b>Interchange #</b>	10-16x16-20x3
<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>	0.0335 lb
<b>UPC Code</b>	00846802065232

### Dimensions

<b>Nominal Inner Diameter</b>	10 mm
<b>Nominal Outer Diameter</b>	16 mm
<b>Nominal Length</b>	16 mm
<b>Flange Nominal Outer Diameter</b>	20 mm
<b>Flange Nominal Thickness</b>	3 mm

### Tolerances

<b>Inner Diameter Tolerance</b>	+0.005 to +0.03 mm
<b>Outside Diameter Tolerance</b>	+0.028 to +0.05 mm
<b>Overall Length Tolerance</b>	±.12 mm
<b>Flange Diameter Tolerance</b>	±.12 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