



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

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## Item # 301166, Oilube® Powdered Metal Bronze SAE841 Sleeve Bearings / Bushings - 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

.627 IN I.D. X .753 IN O.D. X 1-1/2 IN Length, SAE 841 Powdered Metal Bronze, Sleeve Bearing

### Specifications

|                          |   |
|--------------------------|---|
| <b>Catalog Number</b>    | B-1012-12                               |
| <b>Interchange #</b>     | B1012-12                                |
| <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> | 0.0487 lb |
|------------------------|-----------|

|                 |                |
|-----------------|----------------|
| <b>UPC Code</b> | 00846802038809 |
|-----------------|----------------|

#### Dimensions

|                               |        |
|-------------------------------|--------|
| <b>Nominal Inner Diameter</b> | 5/8 in |
|-------------------------------|--------|

|                               |        |
|-------------------------------|--------|
| <b>Nominal Outer Diameter</b> | 3/4 in |
|-------------------------------|--------|

|                       |          |
|-----------------------|----------|
| <b>Nominal Length</b> | 1 1/2 in |
|-----------------------|----------|

#### Tolerances

|                                 |                  |
|---------------------------------|------------------|
| <b>Inner Diameter Tolerance</b> | + .000 - .001 in |
|---------------------------------|------------------|

|                                   |                  |
|-----------------------------------|------------------|
| <b>Outside Diameter Tolerance</b> | + .000 - .001 in |
|-----------------------------------|------------------|

|                                 |            |
|---------------------------------|------------|
| <b>Overall Length Tolerance</b> | ± .0075 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 |
|---|--------|