



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

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Item # 601271, Oilube® Powdered Metal Bronze SAE841 Sleeve Bearings / Bushings - 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

18 MM I.D. x 24 MM O.D. x 12 MM Length, SAE 841 Powdered Metal Bronze, Sleeve Bearing, Metric

Specifications

| | |
|--------------------------|---|
| Catalog Number | AM-1824-12 |
| Interchange # | 18-24x12 |
| Unit of Measure | Each |
| Material | Powdered Metal / Oil Impregnated Bronze |
| Material Standard | SAE 841 |

| | |
|------------------------|-----------|
| Avg Unit Weight | 0.0346 lb |
|------------------------|-----------|

| | |
|-----------------|----------------|
| UPC Code | 00846802061135 |
|-----------------|----------------|

Dimensions

| | |
|-------------------------------|-------|
| Nominal Inner Diameter | 18 mm |
|-------------------------------|-------|

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|-------------------------------|-------|
| Nominal Outer Diameter | 24 mm |
|-------------------------------|-------|

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|-----------------------|-------|
| Nominal Length | 12 mm |
|-----------------------|-------|

Tolerances

| | |
|---------------------------------|--------------------|
| Inner Diameter Tolerance | +0.005 to +0.03 mm |
|---------------------------------|--------------------|

| | |
|-----------------------------------|--------------------|
| Outside Diameter Tolerance | +0.035 to +0.06 mm |
|-----------------------------------|--------------------|

| | |
|---------------------------------|---------|
| Overall Length Tolerance | ±.12 mm |
|---------------------------------|---------|

Performance Data

| | |
|---------------------------|--------------------------|
| Load - P Max Value | 2,000 lb/in ² |
|---------------------------|--------------------------|

| | |
|----------------------------|----------------------------|
| Speed - V Max Value | 1,200 ft ² /min |
|----------------------------|----------------------------|

| | |
|---|--------|
| Load at Speed - PV Max Value (P.S.I. / S.F.M.) | 50,000 |
|---|--------|