



ISOSTATIC
LEADERS IN BRONZE BEARINGS...and MORE

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Item # 602112, 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

12 MM I.D. x 18 MM O.D. x 10 MM Length x 24 MM Flange O.D. x 3 MM Flange Thick, SAE 841 Powdered Metal Bronze, Flange Bearing, Metric

Specifications

Catalog Number	FM-1218-10
Interchange #	12-18x10-24X3
Unit of Measure	Each
Material	Powdered Metal / Oil Impregnated Bronze
Material Standard	SAE 841

Avg Unit Weight	0.0292 lb
UPC Code	00846802065515

Dimensions

Nominal Inner Diameter	12 mm
Nominal Outer Diameter	18 mm
Nominal Length	10 mm
Flange Nominal Outer Diameter	24 mm
Flange Nominal Thickness	3 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
Flange Diameter Tolerance	±.12 mm
Flange Thickness Tolerance	±.13 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