## **Oilite**<sup>®</sup> SYNTHETIC PERFORMANCE DIFFERENCE®

## SOAM1218-25

## Super Oilite® M-Series Metric

## Sleeve

Iron-Based Sintered Product Impregnated with Extreme Pressure Synthetic AM3-SPD<sup>™</sup>. Higher Load, Slower Speed Designs Economic Alternative Material.

Temp Range -26°C to +149°C



| Dimensions & Tolerances |  |
|-------------------------|--|
| Nom                     | inal ID: 12 mm   |
| I                       | D Max: 12.035 mm   |
|                         | ID Min: 12.01 mm   |
| Nomi                    | nal OD: 18 mm  |
| 0                       | D Max: 18.055 mm   |
| C                       | DD Min: 18.03 mm   |
|                         | Length: 25 mm ±0.25  |
|                         | Weight: 0.052 lbs / 23.6 g   |
| Press Fit               |  |
| Housin                  | g Bore: 17.98468 mm ±0.013   |
| Shaft Dia               | ameter: 11.90859 mm ±0.005   |
| Temperature             |  |
| Max Tem                 | p F / C: 300 / 149   |
| Min Tem                 | p F / C: -15 / -26   |
| Pressure Ratings        |  |
|                         | Max P: 27.56 (N/mm <sup>2</sup> )  |
|                         | Max V: 1.14 (m/s)  |
| N                       | /lax PV: 1.225 (N-M/mm <sup>2</sup> -s)                                  |
| Calcul                  | ated P: 0 (N/mm <sup>2</sup> )   |
| Calcul                  | lated V: 0 (m/s)   |
| Calcula                 | ted PV: 0 (N-M/mm <sup>2</sup> -s)                                       |
| Material Specifications |  |
| Lubr                    | ication: Self-Lubricating  |
| Regu                    | lations: Lead-Free<br>Conflict Free<br>RoHS Certified<br>Reach Certified |
| Engineering Prefe       | rences: Conducts Electricity   |
| Specificatio            | ns Met: SAE 863<br>ASTM B-439 GR 4<br>FC-2000-K30                        |

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