



# NACHI BEARINGS LTD



## SKF SILKAC 6 M Spherical Plain Bearings - Rod Ends

Bearing No. SILKAC 6 M

SILKAC 6 M Bearing 2D drawings and 3D CAD models

|                         |   |
|-------------------------|---|
| Category                | Spherical Plain Bearings - Rod Ends   |
| Inventory               | 0.0   |
| Manufacturer Name       | SKF   |
| Minimum Buy Quantity    | N/A   |
| Weight                  | 0.034   |
| Product Group           | B04286  |
| Stud Profile            | Female  |
| Mounting Thread         | M6 X 1  |
| Thread Direction        | Left Hand   |
| Rolling Element         | Spherical Plain   |
| Material - Outer Member | Steel   |
| Material - Ball         | Steel   |
| Material - Liner        | Bronze  |
| Relubricatable          | Yes   |
| Enclosure               | Open  |
| Other Features          | 3 Piece   Zinc Plated Outer   |
| Long Description        | 6MM Bore; 7.5MM House Width; Female Stud Profile; M6 X 1; Left Hand Thread Direction; Spherical Plain Bearing; Steel Outer Member; Steel Ball; Bronze |
| Inch - Metric           | Metric  |
| Category                | Plain Bearing Spherical Rod Ends  |
| UNSPSC                  | 31171508  |
| Harmonized Tariff Code  | 8483.30.80.55   |



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|                              |   |
|------------------------------|---|
| Noun                         | Bearing   |
| Keyword 3                    | Rod End   |
| Keyword String               | Plain Spherical Rod End                             |
| Manufacturer URL             | <a href="http://www.skf.com">http://www.skf.com</a> |
| Manufacturer Item Number     | SILKAC 6 M  |
| Weight / LBS                 | 0.055   |
| Housing Width                | 0.295 Inch   7.5 Millimeter                         |
| Ball Width                   | 0.354 Inch   9 Millimeter                           |
| d                            | 0.236 Inch   6 Millimeter                           |
| bore diameter:               | 6 mm  |
| ball material:               | Steel   |
| misalignment angle:          | 13 °  |
| race material:               | Bronze  |
| shank thread length:         | 9 mm  |
| radial static load capacity: | 5.4 kN  |
| rod end type:                | Female Threaded                                     |
| operating temperature range: | -30 to +180 ° F                                     |
| shank thread size:           | M6  |
| head diameter:               | 21 mm   |
| thread direction:            | Left Hand   |
| head width:                  | 7.5 mm  |
| grade:                       | Commercial/Industrial                               |
| ball width:                  | 9 mm  |
| lubrication type:            | With Lubrication Fitting                            |
| length to ball center:       | 30 mm   |
| housing material:            | Zinc-Plated Steel                                   |
| standards met:               | DIN 71412:1987, ISO<br>8139-4:1998                  |
| d                            | 6 mm  |
| d <sub>2</sub> max.          | 21 mm   |
| B                            | 9 mm  |
| G                            | M 6   |



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|                                |                      |
|--------------------------------|----------------------|
| $C_1$ max.                     | 7.5 mm               |
| $h_1$                          | 30 mm                |
|                                | 13 °                 |
| $d_k$                          | 12.7 mm              |
| $d_3$                          | 10 mm                |
| $d_4$ max.                     | 14 mm                |
| $l_3$ min.                     | 9 mm                 |
| $l_4$ max.                     | 41 mm                |
| $l_5$                          | 5 mm                 |
| $l_7$ min.                     | 11 mm                |
| w                              | 11 mm                |
| $r_1$ min.                     | 0.3 mm               |
| Basic dynamic load rating C    | 4.3 kN               |
| Basic static load rating $C_0$ | 5.4 kN               |
| Specific dynamic load factor K | 50 N/mm <sup>2</sup> |
| Material constant $K_M$        | 330                  |
| Mass rod end                   | 0.025 kg             |