

# PSL PSL 412-301 cylindrical roller bearings

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|                         |  |
|-------------------------|--|
| Inventory               | 0.0  |
| Manufacturer Name       | SKF  |
| Minimum Buy Quantity    | N/A  |
| Weight                  | 0.53   |
| EAN                     | 7316577049292  |
| Product Group           | B04286   |
| Stud Profile            | Male   |
| Mounting Thread         | M24 X 2  |
| Thread Direction        | Left Hand  |
| Rolling Element         | Spherical Plain  |
| Material – Outer Member | Steel  |
| Material – Ball         | Steel  |
| Material – Liner        | Steel  |
| Relubricatable          | Yes  |
| Enclosure               | Open   |
| Other Features          | 3 Piece   Zinc Plated Outer  |
| Long Description        | 25MM Bore; 18MM House Width; Male Stud Profile; M24 X 2; Left Hand Thread Direction; Spherical Plain |
| Inch – Metric           | Metric   |
| UNSPSC                  | 31171508   |
| Harmonized Tariff Code  | 8483.30.80.55  |

|                              |                            |
|------------------------------|----------------------------|
| Noun                         | Bearing                    |
| Keyword 3                    | Rod End                    |
| Keyword String               | Plain Spherical Rod End    |
| Manufacturer Item Number     | SAL 25 ES                  |
| Weight / LBS                 | 1.168                      |
| Ball Width                   | 0.787 Inch   20 Millimeter |
| d                            | 25 mm                      |
| Housing Width                | 0.709 Inch   18 Millimeter |
| bore diameter:               | 25 mm                      |
| ball material:               | Steel                      |
| misalignment angle:          | 7 °                        |
| race material:               | Steel                      |
| shank thread length:         | 53 mm                      |
| radial static load capacity: | 78 kN                      |
| rod end type:                | Male Threaded              |
| operating temperature range: | -30 to +130 °F             |
| shank thread size:           | M24x2                      |
| head diameter:               | 65 mm                      |
| thread direction:            | Left Hand                  |
| head width:                  | 18 mm                      |
| grade:                       | Commercial/Industrial      |
| ball width:                  | 20 mm                      |
| lubrication type:            | With Lubrication Fitting   |
| length to ball center:       | 94 mm                      |
| housing material:            | Zinc-Plated Steel          |
| standards met:               | ISO 12240-4:1998           |
| d2 max.                      | 65 mm                      |
| B                            | 20 mm                      |
| G                            | M 24x2                     |

|                                |                       |
|--------------------------------|-----------------------|
| C1 max.                        | 18 mm                 |
| h                              | 94 mm                 |
| $\alpha$                       | 7 °                   |
| dk                             | 35.5 mm               |
| l1 min.                        | 53 mm                 |
| l2 max.                        | 128 mm                |
| l7 min.                        | 30 mm                 |
| r1 min.                        | 0.6 mm                |
| Basic dynamic load rating C    | 48 kN                 |
| Basic static load rating C0    | 78 kN                 |
| Specific dynamic load factor K | 100 N/mm <sup>2</sup> |
| Material constant KM           | 330                   |
| Mass rod end                   | 0.53 kg               |