

# 1726209-2RS1 SKF Fatigue Load limit Pu 0.915 kN 85x45x19mm Deep groove ball bearings

|   |                              |
|---|------------------------------|
| Bearing number                            | 1726209-2RS1                 |
| Size (mm)                                 | 85x45x19                     |
| Brand                                     | SKF                          |
| Bore Diameter (mm)                        | 85                           |
| Outer Diameter (mm)                       | 45                           |
| Width (mm)                                | 19                           |
| d   | 45 mm                        |
| D   | 85 mm                        |
| B   | 19 mm                        |
| d <sub>1</sub>                            | 57.6 mm                      |
| r <sub>1,2</sub> – min.                   | 1.1 mm                       |
| Basic dynamic load rating – C             | 33.2 kN                      |
| Basic static load rating – C <sub>0</sub> | 21.6 kN                      |
| Fatigue load limit – P <sub>u</sub>       | 0.915 kN                     |
| Limiting speed                            | 5000 r/min                   |
| Calculation factor – f <sub>0</sub>       | 14                           |
| Category                                  | Insert Bearings Spherical OD |
| BDI Inventory                             | 0.0                          |
| Manufacturer Name                         | SKF                          |
| Minimum Buy Quantity                      | N/A                          |
| Weight / Kilogram                         | 0.37                         |
| EAN                                       | 7316577299031                |
| Product Group – BDI                       | B00308                       |

|                          |   |
|--------------------------|---|
| Inner Race Profile       | Standard Inner Ring   |
| Outer Race Profile       | Spherical   |
| Relubricatable           | No  |
| Seal Type                | RS1 Seal  |
| Mounting Method          | Shaft Mount   |
| Rolling Element          | Ball Bearing  |
| Snap Ring                | No  |
| Long Description         | 45MM Bore; Standard Inner Ring; Ball Bearing; 19MM Length Thru Bore; 19MM Outer Race Width; 85MM Outside Diameter; Not Relubricatable; RS1 Seal Seal; Shaft Mount Mounting Method; No Snap Ring |
| Inch – Metric            | Metric  |
| Other Features           | Single Row   Standard Duty   Metric   |
| Category – BDI           | Insert Bearings   |
| UNSPSC                   | 31171536  |
| Harmonized Tariff Code   | 8482.10.50.00   |
| Noun                     | Bearing   |
| Keyword String           | Insert  |
| Manufacturer URL         | <a href="http://www.skf.com">http://www.skf.com</a>   |
| Manufacturer Item Number | 1726209-2RS1  |
| Weight / LBS             | 0.816   |
| Outer Race Width         | 0.748 Inch   19 Millimeter  |
| Outside Diameter         | 3.346 Inch   85 Millimeter  |
| Bore                     | 1.772 Inch   45 Millimeter  |
| Length Thru Bore         | 0.748 Inch   19 Millimeter  |
| bore diameter:           | 45 mm   |

|                                |                   |
|--------------------------------|-------------------|
| internal clearance:            | C0                |
| outside diameter:              | 85 mm             |
| operating temperature range:   | -40 to +210 °F    |
| overall width:                 | 19 mm             |
| finish/coating:                | Uncoated          |
| bore type:                     | Round             |
| outer ring width:              | 19 mm             |
| closure type:                  | Double Sealed     |
| maximum rpm:                   | 5000 RPM          |
| snap ring included:            | Without Snap Ring |
| series:                        | 17262             |
| $d_1 \approx$                  | 56.6 mm           |
| $r_{1,2} \text{ min.}$         | 1 mm              |
| Basic dynamic load rating C    | 33.2 kN           |
| Basic static load rating $C_0$ | 21.6 kN           |
| Fatigue load limit $P_u$       | 0.915 kN          |
| Limiting speed <sup>1)</sup>   | 5000 r/min        |
| Calculation factor $f_0$       | 14                |
| Mass complete bearing          | 0.4 kg            |