

24130-2CS5K30/VT143 SKF Basic static load rating – C₀ 1530 kN 250x150x100mm Spherical roller bearings

| | |
|---|---------------------|
| Bearing number | 24130-2CS5K30/VT143 |
| Size (mm) | 250x150x100 |
| Brand | SKF |
| Bore Diameter (mm) | 250 |
| Outer Diameter (mm) | 150 |
| Width (mm) | 100 |
| d | 150 mm |
| D | 250 mm |
| B | 100 mm |
| d ₂ | 163 mm |
| D ₁ | 222 mm |
| b | 8.3 mm |
| K | 4.5 mm |
| r _{1,2} – min. | 2.1 mm |
| d _a – min. | 158 mm |
| d _a – max. | 163 mm |
| D _a – max. | 238 mm |
| r _a – max. | 2 mm |
| Basic dynamic load rating – C | 1056 kN |
| Basic static load rating – C ₀ | 1530 kN |
| Fatigue load limit – P _u | 146 kN |

| | |
|--------------------------------|-----------|
| Limiting speed | 400 r/min |
| Calculation factor – e | 0.37 |
| Calculation factor – Y_1 | 1.8 |
| Calculation factor – Y_2 | 2.7 |
| Calculation factor – Y_0 | 1.8 |
| Category | Bearings |
| BDI Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0 |
| Product Group – BDI | B04311 |
| $d_2 \approx$ | 163 mm |
| $D_1 \approx$ | 222 mm |
| $r_{1,2} \text{ min.}$ | 2.1 mm |
| $D_a \text{ max.}$ | 238 mm |
| $r_a \text{ max.}$ | 2 mm |
| Basic dynamic load rating C | 1056 kN |
| Basic static load rating C_0 | 1530 kN |
| Fatigue load limit P_u | 146 kN |
| Calculation factor e | 0.37 |
| Calculation factor Y_1 | 1.8 |
| Calculation factor Y_2 | 2.7 |
| Calculation factor Y_0 | 1.8 |
| Mass bearing | 19.5 kg |