

24132-2CS5/VT143 SKF

270x160x109mm r_{1,2} min. 2.1 mm Spherical roller bearings

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|---|------------------|
| Bearing number | 24132-2CS5/VT143 |
| Size (mm) | 270x160x109 |
| Brand | SKF |
| Bore Diameter (mm) | 270 |
| Outer Diameter (mm) | 160 |
| Width (mm) | 109 |
| d | 160 mm |
| D | 270 mm |
| B | 109 mm |
| d ₂ | 176 mm |
| D ₁ | 239 mm |
| b | 8.3 mm |
| K | 4.5 mm |
| r _{1,2} – min. | 2.1 mm |
| d _a – min. | 172 mm |
| d _a – max. | 176 mm |
| D _a – max. | 258 mm |
| r _a – max. | 2 mm |
| Basic dynamic load rating – C | 1229 kN |
| Basic static load rating – C ₀ | 1760 kN |
| Fatigue load limit – P _u | 163 kN |
| Limiting speed | 380 r/min |
| Calculation factor – e | 0.37 |

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| 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 |
| $d_2 \approx$ | 176 mm |
| $D_1 \approx$ | 239 mm |
| $r_{1,2} \text{ min.}$ | 2.1 mm |
| $d_a \text{ min.}$ | 172 mm |
| $d_a \text{ max.}$ | 176 mm |
| $D_a \text{ max.}$ | 258 mm |
| $r_a \text{ max.}$ | 2 mm |
| Basic dynamic load rating C | 1229 kN |
| Basic static load rating C_0 | 1760 kN |
| Fatigue load limit P_u | 163 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 | 25 kg |