

24156-2CS5/VT143 SKF

460x280x180mm ra max. 4 mm

Spherical roller bearings

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|---|------------------|
| Bearing number | 24156-2CS5/VT143 |
| Size (mm) | 460x280x180 |
| Brand | SKF |
| Bore Diameter (mm) | 460 |
| Outer Diameter (mm) | 280 |
| Width (mm) | 180 |
| d | 280 mm |
| D | 460 mm |
| B | 180 mm |
| d ₂ | 307 mm |
| D ₁ | 413 mm |
| b | 13.9 mm |
| K | 7.5 mm |
| r _{1,2} – min. | 5 mm |
| d _a – min. | 300 mm |
| d _a – max. | 307 mm |
| D _a – max. | 440 mm |
| r _a – max. | 4 mm |
| Basic dynamic load rating – C | 3190 kN |
| Basic static load rating – C ₀ | 5100 kN |
| Fatigue load limit – P _u | 415 kN |
| Limiting speed | 220 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 |
| $d_2 \approx$ | 307 mm |
| $D_1 \approx$ | 413 mm |
| $r_{1,2} \text{ min.}$ | 5 mm |
| $d_a \text{ min.}$ | 300 mm |
| $d_a \text{ max.}$ | 307 mm |
| $D_a \text{ max.}$ | 440 mm |
| $r_a \text{ max.}$ | 4 mm |
| Basic dynamic load rating C | 3190 kN |
| Basic static load rating C_0 | 5100 kN |
| Fatigue load limit P_u | 415 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 | 115 kg |