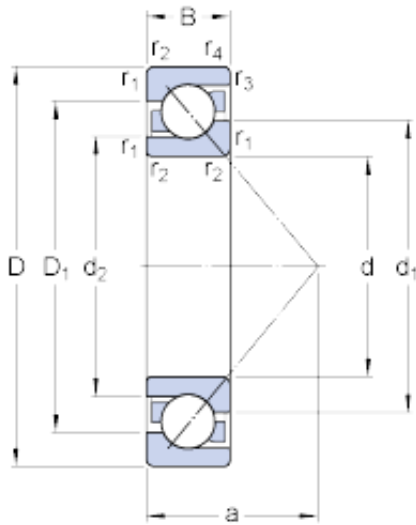




NTN-SNR BEARING RULMENTI S.R.L.



65 mm x 140 mm x 33 mm skf 7313 BECBPH
Single row angular contact ball bearings

Bearing No. 7313 BECBPH

7313 BECBPH Bearing 2D drawings and 3D CAD models

| | |
|---|--------------|
| Size | 140x65x33 mm |
| Bore Diameter | 140 mm |
| Outer Diameter | 65 mm |
| Width | 33 mm |
| d | 65 mm |
| D | 140 mm |
| B | 33 mm |
| d ₁ | 94.15 mm |
| d ₂ | 78.45 mm |
| D ₁ | 112.85 mm |
| a | 60 mm |
| r _{1,2} - min. | 2.1 mm |
| r _{3,4} - min. | 1.1 mm |
| d _a - min. | 77 mm |
| D _a - max. | 128 mm |
| D _b - max. | 133 mm |
| r _a - max. | 2 mm |
| r _b - max. | 1 mm |
| Basic dynamic load rating - C | 116 kN |
| Basic static load rating - C ₀ | 86.5 kN |
| Fatigue load limit - P _u | 3.6 kN |
| Reference speed | 6300 r/min |
| Limiting speed | 6300 r/min |
| Calculation factor - k _r | 0.1 |



NTN-SNR BEARING RULMENTI S.R.L.

| | |
|--------------------------------|-----------|
| Calculation factor - k_a | 1.6 |
| Calculation factor - e | 1.14 |
| Calculation factor - X | 0.57 |
| Calculation factor - Y_0 | 0.52 |
| Calculation factor - Y_1 | 0.55 |
| Calculation factor - Y_2 | 0.93 |
| Calculation factor - X | 0.35 |
| Calculation factor - Y_0 | 0.26 |
| Calculation factor - Y_1 | |
| Calculation factor - Y_2 | 0.57 |
| d_1 | 94.15 mm |
| d_2 | 78.45 mm |
| D_1 | 112.85 mm |
| $r_{1,2}$ min. | 2.1 mm |
| $r_{3,4}$ min. | 1.1 mm |
| d_a min. | 77 mm |
| D_a max. | 128 mm |
| D_b max. | 133 mm |
| r_a max. | 2 mm |
| r_b max. | 1 mm |
| Basic dynamic load rating C | 116 kN |
| Basic static load rating C_0 | 86.5 kN |
| Fatigue load limit P_u | 3.65 kN |
| Calculation factor A | 0.112 |
| Calculation factor k_r | 0.1 |
| Calculation factor e | 1.14 |
| Calculation factor X | 0.35 |
| Calculation factor Y_0 | 0.26 |
| Calculation factor Y_2 | 0.57 |
| Calculation factor X | 0.57 |
| Calculation factor Y_0 | 0.52 |
| | |



NTN-SNR BEARING RULMENTI S.R.L.

| | |
|--------------------------|---------|
| Calculation factor Y_1 | 0.55 |
| Calculation factor Y_2 | 0.93 |
| Mass bearing | 2.15 kg |