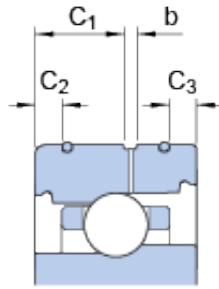
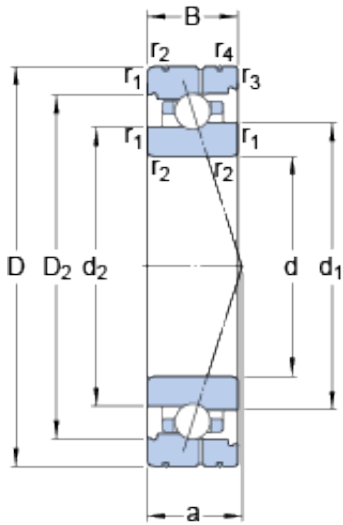




SNR Bearing Argentina



80 mm x 110 mm x 16 mm SKF 71916
CB/HCP4AL angular contact ball bearings

Bearing No. 71916 CB/HCP4AL

71916 CB/HCP4AL Bearing 2D drawings and 3D CAD models

| | |
|-------------------------|--------------|
| Size | 110x80x16 mm |
| Bore Diameter | 110 mm |
| Outer Diameter | 80 mm |
| Width | 16 mm |
| d | 80 mm |
| D | 110 mm |
| B | 16 mm |
| d ₁ | 90.7 mm |
| d ₂ | 89.2 mm |
| D ₂ | 102.2 mm |
| b | 2 mm |
| C ₁ | 8.6 mm |
| C ₂ | 3.8 mm |
| C ₃ | 2.7 mm |
| r _{1,2} - min. | 1 mm |
| r _{3,4} - min. | 0.6 mm |
| a | 24.9 mm |
| d _a - min. | 84.6 mm |
| d _b - min. | 84.6 mm |
| D _a - max. | 105 mm |
| D _b - max. | 106.8 mm |
| r _a - max. | 1 mm |
| r _b - max. | 0.6 mm |
| d _n | 91.7 mm |
| | |



SNR Bearing Argentina

| | |
|---|----------------------|
| Basic dynamic load rating - C | 15.6 kN |
| Basic static load rating - C ₀ | 14.6 kN |
| Fatigue load limit - P _u | 0.63 kN |
| Limiting speed for grease lubrication | 19000 r/min |
| Limiting speed for oil lubrication | 30000 mm/min |
| Ball - D _w | 6.747 mm |
| Ball - z | 34 |
| G _{ref} | 5.29 cm ³ |
| Calculation factor - f ₀ | 9.9 |
| Preload class A - G _A | 52 N |
| Preload class B - G _B | 105 N |
| Preload class C - G _C | 310 N |
| Calculation factor - f | 1.13 |
| Calculation factor - f | 1 |
| Calculation factor - f _{2A} | 1 |
| Calculation factor - f _{2B} | 1.03 |
| Calculation factor - f _{2C} | 1.08 |
| Calculation factor - f _{HC} | 1.01 |
| Preload class A | 55 N/micron |
| Preload class B | 72 N/micron |
| Preload class C | 115 N/micron |
| d ₁ | 90.7 mm |
| d ₂ | 89.2 mm |
| D ₂ | 102.2 mm |
| C ₁ | 8.6 mm |
| C ₂ | 3.8 mm |
| C ₃ | 2.7 mm |
| r _{1,2} min. | 1 mm |



SNR Bearing Argentina

| | |
|--|----------------------|
| $r_{3,4}$ min. | 0.6 mm |
| d_a min. | 84.6 mm |
| d_b min. | 84.6 mm |
| D_a max. | 105 mm |
| D_b max. | 106.8 mm |
| r_a max. | 1 mm |
| r_b max. | 0.6 mm |
| d_n | 91.7 mm |
| Basic dynamic load rating C | 21.2 kN |
| Basic static load rating C_0 | 24 kN |
| Fatigue load limit P_u | 0.63 kN |
| Attainable speed for grease lubrication | 19000 r/min |
| Attainable speed for oil-air lubrication | 30000 r/min |
| Ball diameter D_w | 6.747 mm |
| Number of balls z | 34 |
| Reference grease quantity G_{ref} | 5.29 cm ³ |
| Preload class A G_A | 52 N |
| Static axial stiffness, preload class A | 55 N/ μ m |
| Preload class B G_B | 105 N |
| Static axial stiffness, preload class B | 72 N/ μ m |
| Preload class C G_C | 310 N |
| Static axial stiffness, preload class C | 115 N/ μ m |
| Calculation factor f | 1.13 |
| Calculation factor f_1 | 1 |
| Calculation factor f_{2A} | 1 |
| Calculation factor f_{2B} | 1.03 |
| Calculation factor f_{2C} | 1.08 |
| Calculation factor f_{HC} | 1.01 |



SNR Bearing Argentina

| | |
|--------------------------|---------|
| Calculation factor f_0 | 9.9 |
| Mass bearing | 0.35 kg |