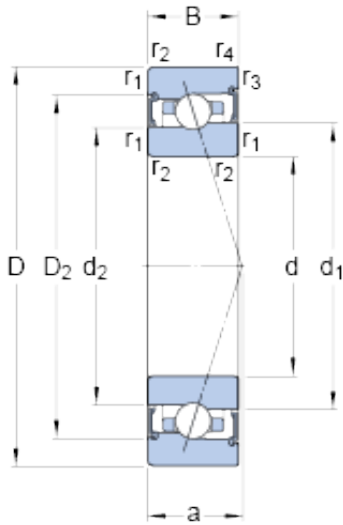




Bearing de Mexico, S.A.



120 mm x 165 mm x 22 mm SKF S71924 CB/P4A angular contact ball bearings

Bearing No. S71924 CB/P4A

S71924 CB/P4A Bearing 2D drawings and 3D CAD models

| | |
|---|---------------|
| Size | 165x120x22 mm |
| Bore Diameter | 165 mm |
| Outer Diameter | 120 mm |
| Width | 22 mm |
| d | 120 mm |
| D | 165 mm |
| B | 22 mm |
| d ₁ | 136.92 mm |
| d ₂ | 135 mm |
| D ₂ | 151.9 mm |
| r _{1,2} - min. | 1.1 mm |
| r _{3,4} - min. | 0.6 mm |
| a | 34.2 mm |
| d _a - min. | 126 mm |
| d _a - max. | 136.2 mm |
| d _b - min. | 126 mm |
| d _b - max. | 134.3 mm |
| D _a - max. | 159 mm |
| D _b - max. | 161.8 mm |
| r _a - max. | 1 mm |
| r _b - max. | 0.6 mm |
| Basic dynamic load rating - C | 27 kN |
| Basic static load rating - C ₀ | 30.5 kN |
| Fatigue load limit - P _u | 1.1 kN |



Bearing de Mexico, S.A.

| | |
|---------------------------------------|--------------|
| Limiting speed for grease lubrication | 10000 r/min |
| Ball - D_w | 8.731 mm |
| Ball - z | 41 |
| Calculation factor - f_0 | 10 |
| Preload class A - G_A | 90 N |
| Preload class B - G_B | 180 N |
| Preload class C - G_C | 540 N |
| Calculation factor - f | 1.13 |
| Calculation factor - f | 1 |
| Calculation factor - f_{2A} | 1 |
| Calculation factor - f_{2B} | 1.02 |
| Calculation factor - f_{2C} | 1.07 |
| Calculation factor - f_{HC} | 1 |
| Preload class A | 71 N/micron |
| Preload class B | 94 N/micron |
| Preload class C | 150 N/micron |
| d_1 | 136.92 mm |
| d_2 | 135 mm |
| D_2 | 151.9 mm |
| $r_{1,2}$ min. | 1.1 mm |
| $r_{3,4}$ min. | 0.6 mm |
| d_a min. | 126 mm |
| d_a max. | 136.2 mm |
| d_b min. | 126 mm |
| d_b max. | 134.3 mm |
| D_a max. | 159 mm |
| D_b max. | 161.8 mm |
| r_a max. | 1 mm |
| r_b max. | 0.6 mm |
| Basic dynamic load rating C | 36.4 kN |



Bearing de Mexico, S.A.

| | |
|---|----------------|
| Basic static load rating C_0 | 48 kN |
| Fatigue load limit P_u | 1.08 kN |
| Attainable speed for grease lubrication | 10000 r/min |
| Ball diameter D_w | 8.731 mm |
| Number of balls z | 41 |
| Preload class A G_A | 90 N |
| Static axial stiffness, preload class A | 71 N/ μ m |
| Preload class B G_B | 180 N |
| Static axial stiffness, preload class B | 94 N/ μ m |
| Preload class C G_C | 540 N |
| Static axial stiffness, preload class C | 150 N/ μ m |
| Calculation factor f | 1.13 |
| Calculation factor f_1 | 1 |
| Calculation factor f_{2A} | 1 |
| Calculation factor f_{2B} | 1.02 |
| Calculation factor f_{2C} | 1.07 |
| Calculation factor f_{HC} | 1 |
| Calculation factor f_0 | 10 |
| Mass bearing | 1.31 kg |