



Bearing Manufacturing of America



7226 ACD/P4A Bearing 2D drawings and 3D CAD models

130 mm x 230 mm x 40 mm 130 mm x 230 mm x 40 mm SKF 7226 ACD/P4A angular contact ball bearings

Bearing No. 7226 ACD/P4A

| | |
|---|---------------|
| Size | 130x230x40 mm |
| Bore Diameter | 130 mm |
| Outer Diameter | 230 mm |
| Width | 40 mm |
| d | 130 mm |
| D | 230 mm |
| B | 40 mm |
| d ₁ | 162.8 mm |
| d ₂ | 162.8 mm |
| D ₁ | 199.2 mm |
| r _{1,2} - min. | 3 mm |
| r _{3,4} - min. | 1.1 mm |
| a | 62.5 mm |
| d _a - min. | 144 mm |
| d _b - min. | 144 mm |
| D _a - max. | 216 mm |
| D _b - max. | 223 mm |
| r _a - max. | 2.5 mm |
| r _b - max. | 1 mm |
| d _n | 170.7 mm |
| Basic dynamic load rating - C | 203 kN |
| Basic static load rating - C ₀ | 212 kN |
| Fatigue load limit - P _u | 6.7 kN |



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|---------------------------------------|------------------------|
| Limiting speed for grease lubrication | 5600 r/min |
| Limiting speed for oil lubrication | 8500 mm/min |
| Ball - D_w | 30.162 mm |
| Ball - z | 17 |
| G_{ref} | 72.444 cm ³ |
| Calculation factor - e | 0.68 |
| Calculation factor - Y_2 | 0.87 |
| Calculation factor - Y_0 | 0.38 |
| Calculation factor - X_2 | 0.41 |
| Calculation factor - Y_1 | 0.92 |
| Calculation factor - Y_2 | 1.41 |
| Calculation factor - Y_0 | 0.76 |
| Calculation factor - X_2 | 0.67 |
| Preload class A - G_A | 1300 N |
| Preload class B - G_B | 2600 N |
| Preload class C - G_C | 5200 N |
| Preload class D - G_D | 10400 N |
| Calculation factor - f | 1.09 |
| Calculation factor - f_1 | 0.99 |
| Calculation factor - f_{2A} | 1 |
| Calculation factor - f_{2B} | 1.01 |
| Calculation factor - f_{2C} | 1.02 |
| Calculation factor - f_{2D} | 1.05 |
| Calculation factor - f_{HC} | 1 |
| Preload class A | 378 N/micron |
| Preload class B | 491 N/micron |
| Preload class C | 648 N/micron |
| Preload class D | 869 N/micron |



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| | |
|--|------------------------|
| d_1 | 162.8 mm |
| d_2 | 162.8 mm |
| D_1 | 199.2 mm |
| $r_{1,2}$ min. | 3 mm |
| $r_{3,4}$ min. | 1.1 mm |
| d_a min. | 144 mm |
| d_b min. | 144 mm |
| D_a max. | 216 mm |
| D_b max. | 223 mm |
| r_a max. | 2.5 mm |
| r_b max. | 1 mm |
| d_n | 170.7 mm |
| Basic dynamic load rating C | 203 kN |
| Basic static load rating C_0 | 212 kN |
| Fatigue load limit P_u | 6.7 kN |
| Attainable speed for grease lubrication | 5600 r/min |
| Attainable speed for oil-air lubrication | 8500 r/min |
| Ball diameter D_w | 30.162 mm |
| Number of balls z | 17 |
| Reference grease quantity G_{ref} | 72.444 cm ³ |
| Preload class A G_A | 1300 N |
| Static axial stiffness, preload class A | 378 N/ μ m |
| Preload class B G_B | 2600 N |
| Static axial stiffness, preload class B | 491 N/ μ m |
| Preload class C G_C | 5200 N |
| Static axial stiffness, preload class C | 648 N/ μ m |
| Preload class D G_D | 10400 N |
| Static axial stiffness, preload class D | 869 N/ μ m |



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| | |
|---|---------|
| class D | |
| Calculation factor f | 1.09 |
| Calculation factor f_1 | 0.99 |
| Calculation factor f_{2A} | 1 |
| Calculation factor f_{2B} | 1.01 |
| Calculation factor f_{2C} | 1.02 |
| Calculation factor f_{2D} | 1.05 |
| Calculation factor f_{HC} | 1 |
| Calculation factor e | 0.68 |
| Calculation factor (single, tandem) Y_2 | 0.87 |
| Calculation factor (single, tandem) Y_0 | 0.38 |
| Calculation factor (single, tandem) X_2 | 0.41 |
| Calculation factor (back-to-back, face-to-face) Y_1 | 0.92 |
| Calculation factor (back-to-back, face-to-face) Y_2 | 1.41 |
| Calculation factor (back-to-back, face-to-face) Y_0 | 0.76 |
| Calculation factor (back-to-back, face-to-face) X_2 | 0.67 |
| Mass bearing | 6.33 kg |