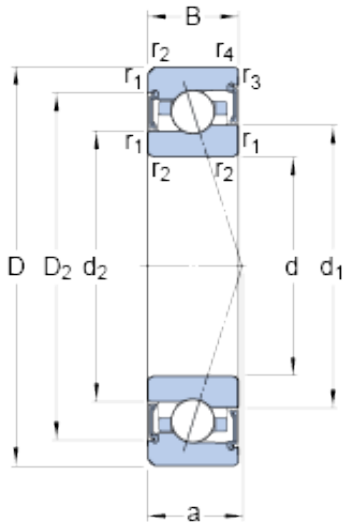




BEARINGS PRODUCTION WHOLESale CO., LTD



S7017 CE/HCP4A Bearing 2D drawings and 3D CAD models

85 mm x 130 mm x 22 mm SKF S7017 CE/HCP4A angular contact ball bearings

Bearing No. S7017 CE/HCP4A

| | |
|---|--------------|
| Size | 130x85x22 mm |
| Bore Diameter | 130 mm |
| Outer Diameter | 85 mm |
| Width | 22 mm |
| d | 85 mm |
| D | 130 mm |
| B | 22 mm |
| d ₁ | 100.83 mm |
| d ₂ | 98 mm |
| D ₂ | 117.6 mm |
| r _{1,2} - min. | 1.1 mm |
| r _{3,4} - min. | 0.6 mm |
| a | 25.5 mm |
| d _a - min. | 91 mm |
| d _a - max. | 100.1 mm |
| d _b - min. | 91 mm |
| d _b - max. | 97.3 mm |
| D _a - max. | 124 mm |
| D _b - max. | 125.8 mm |
| r _a - max. | 1 mm |
| r _b - max. | 0.6 mm |
| Basic dynamic load rating - C | 34.5 kN |
| Basic static load rating - C ₀ | 29 kN |
| Fatigue load limit - P _u | 1.2 kN |



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| | |
|---------------------------------------|--------------|
| Limiting speed for grease lubrication | 16500 r/min |
| Ball - D_w | 11.112 mm |
| Ball - z | 26 |
| Calculation factor - f_0 | 9.5 |
| Preload class A - G_A | 185 N |
| Preload class B - G_B | 560 N |
| Preload class C - G_C | 1110 N |
| Calculation factor - f | 1.11 |
| Calculation factor - f | 1 |
| Calculation factor - f_{2A} | 1 |
| Calculation factor - f_{2B} | 1.03 |
| Calculation factor - f_{2C} | 1.05 |
| Calculation factor - f_{HC} | 1.01 |
| Preload class A | 83 N/micron |
| Preload class B | 131 N/micron |
| Preload class C | 180 N/micron |
| d_1 | 100.83 mm |
| d_2 | 98 mm |
| D_2 | 117.6 mm |
| $r_{1,2}$ min. | 1.1 mm |
| $r_{3,4}$ min. | 0.6 mm |
| d_a min. | 91 mm |
| d_a max. | 100.1 mm |
| d_b min. | 91 mm |
| d_b max. | 97.3 mm |
| D_a max. | 124 mm |
| D_b max. | 125.8 mm |
| r_a max. | 1 mm |
| r_b max. | 0.6 mm |
| Basic dynamic load rating C | 34.5 kN |



BEARINGS PRODUCTION WHOLESale CO., LTD

| | |
|---|----------------|
| Basic static load rating C_0 | 29 kN |
| Fatigue load limit P_u | 1.2 kN |
| Attainable speed for grease lubrication | 16500 r/min |
| Ball diameter D_w | 11.112 mm |
| Number of balls z | 26 |
| Preload class A G_A | 185 N |
| Static axial stiffness, preload class A | 83 N/ μ m |
| Preload class B G_B | 560 N |
| Static axial stiffness, preload class B | 131 N/ μ m |
| Preload class C G_C | 1110 N |
| Static axial stiffness, preload class C | 180 N/ μ m |
| Calculation factor f | 1.11 |
| Calculation factor f_1 | 1 |
| Calculation factor f_{2A} | 1 |
| Calculation factor f_{2B} | 1.03 |
| Calculation factor f_{2C} | 1.05 |
| Calculation factor f_{HC} | 1.01 |
| Calculation factor f_0 | 9.5 |
| Mass bearing | 0.85 kg |