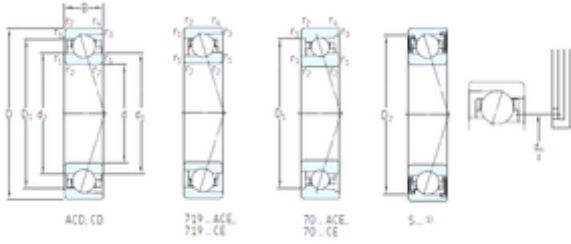


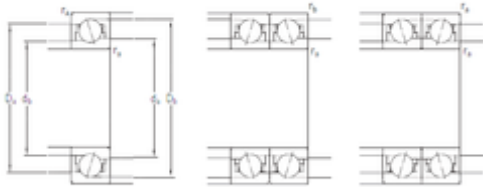


Jinan Shenglei Bearing Co., Ltd.



60 mm x 85 mm x 13 mm SKF S71912
CE/HCP4A Angular contact ball bearing

Bearing No. S71912 CE/HCP4A



S71912 CE/HCP4A Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|-------------|
| Size | 60x85x13 mm |
| Bore Diameter | 60 mm |
| Outer Diameter | 85 mm |
| Width | 13 mm |
| d | 60 mm |
| D | 85 mm |
| B | 13 mm |
| C | 13 mm |
| d1 | 67,8 mm |
| d2 | 65,7 mm |
| r1 min. | 1 mm |
| r2 min. | 1 mm |
| r3 min. | 0,3 mm |
| r4 min. | 0,3 mm |
| D1 | 77,3 mm |
| D2 | 79,7 mm |
| da min. | 64,6 mm |
| Da max. | 80,4 mm |
| db min | 62 mm |
| ra max. | 1 mm |
| rb max. | 0,3 mm |
| dh | 69,6 mm |
| Db max | 83 mm |
| Weight | 0,16 Kg |
| Basic dynamic load rating (C) | 16,3 kN |



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| | |
|---|--------------|
| Basic static load rating (C0) | 11,8 kN |
| (Grease) Lubrication Speed | 26 000 r/min |
| (Oil) Lubrication Speed | 40 000 r/min |
| Fatigue load limit (Pu) | 0,5 |
| d ₁ | 67.75 mm |
| d ₂ | 65.7 mm |
| D ₂ | 79.7 mm |
| r _{1,2} min. | 1 mm |
| r _{3,4} min. | 0.3 mm |
| a | 16.8 mm |
| d _a min. | 64.6 mm |
| d _a max. | 67.2 mm |
| d _b min. | 62 mm |
| d _b max. | 65.1 mm |
| D _a max. | 80.4 mm |
| D _b max. | 83 mm |
| r _a max. | 1 mm |
| r _b max. | 0.3 mm |
| Basic dynamic load rating C | 16.3 kN |
| Basic static load rating C ₀ | 11.8 kN |
| Fatigue load limit P _u | 0.5 kN |
| Attainable speed for grease lubrication | 26000 r/min |
| Ball diameter D _w | 7.938 mm |
| Number of balls z | 23 |
| Preload class A G _A | 87 N |
| Static axial stiffness, preload class A | 52 N/ μ m |
| Preload class B G _B | 262 N |
| Static axial stiffness, preload class B | 81 N/ μ m |
| Preload class C G _C | 523 N |
| Static axial stiffness, preload | 111 N/ μ m |



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| | |
|-----------------------------|---------|
| class C | |
| Calculation factor f | 1.13 |
| Calculation factor f_1 | 1 |
| Calculation factor f_{2A} | 1 |
| Calculation factor f_{2B} | 1.05 |
| Calculation factor f_{2C} | 1.09 |
| Calculation factor f_{HC} | 1.01 |
| Calculation factor f_0 | 8.5 |
| Mass bearing | 0.16 kg |