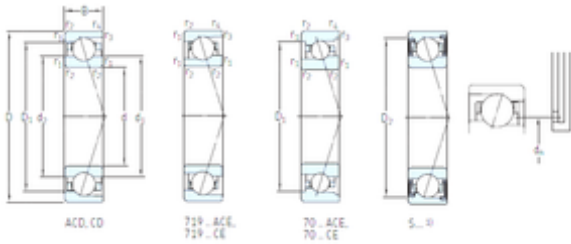


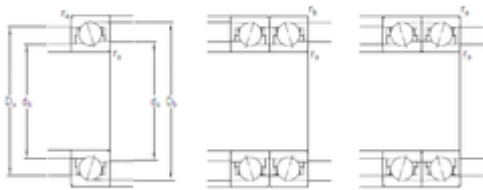


NTL BEARINGS LTD.



S71912 CE/HCP4A SKF High Speed Angular Contact Ball Bearings

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