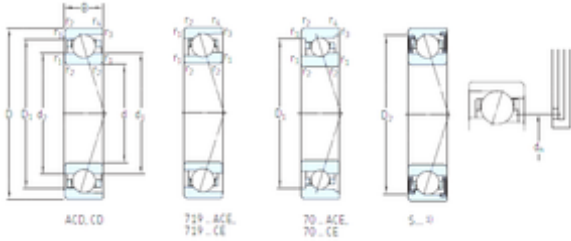


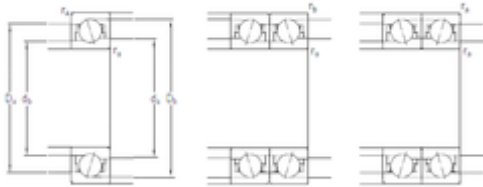


# AMERICAN BEARING MFG.CORP.



60 mm x 85 mm x 13 mm SKF S71912 CD/P4A angular contact ball bearings

Bearing No. S71912 CD/P4A



S71912 CD/P4A 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	67,7 mm
d2	67,7 mm
r1 min.	1 mm
r2 min.	1 mm
r3 min.	0,3 mm
r4 min.	0,3 mm
D1	77,3 mm
D2	79,6 mm
da min.	64,6 mm
Da max.	80,4 mm
db min	64,6 mm
ra max.	1 mm
rb max.	0,3 mm
dh	69,7 mm
Db max	83 mm
Weight	0,19 Kg
Basic dynamic load rating (C)	19,9 kN



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Basic static load rating (C <sub>0</sub> )	15,3 kN
(Grease) Lubrication Speed	15 000 r/min
(Oil) Lubrication Speed	24 000 r/min
Fatigue load limit (P <sub>u</sub> )	0,655
d <sub>1</sub>	67.7 mm
d <sub>2</sub>	67.7 mm
D <sub>2</sub>	79.56 mm
r <sub>1,2</sub> min.	1 mm
r <sub>3,4</sub> min.	0.3 mm
a	16.3 mm
d <sub>a</sub> min.	64.6 mm
d <sub>a</sub> max.	67.1 mm
d <sub>b</sub> min.	64.6 mm
d <sub>b</sub> max.	67.1 mm
D <sub>a</sub> max.	80.4 mm
D <sub>b</sub> max.	83 mm
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	0.3 mm
Basic dynamic load rating C	19.9 kN
Basic static load rating C <sub>0</sub>	15.3 kN
Fatigue load limit P <sub>u</sub>	0.655 kN
Attainable speed for grease lubrication	15000 r/min
Ball diameter D <sub>w</sub>	7.938 mm
Number of balls z	24
Preload class A G <sub>A</sub>	70 N
Static axial stiffness, preload class A	50 N/ μ m
Preload class B G <sub>B</sub>	140 N
Static axial stiffness, preload class B	67 N/ μ m
Preload class C G <sub>C</sub>	280 N
Static axial stiffness, preload	92 N/ μ m



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class C	
Preload class D $G_D$	560 N
Static axial stiffness, preload class D	130 N/ $\mu$ m
Calculation factor $f$	1.17
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.04
Calculation factor $f_{2C}$	1.09
Calculation factor $f_{2D}$	1.15
Calculation factor $f_{HC}$	1
Calculation factor $f_0$	10.5
Mass bearing	0.2 kg