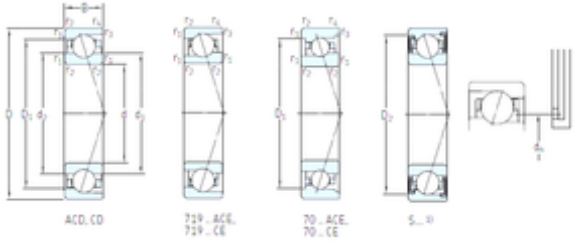


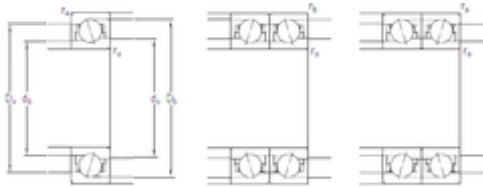


NTN Bearing de Mexico, S.A.



50 mm x 72 mm x 12 mm SKF S71910
ACE/P4A angular contact ball bearings

Bearing No. S71910 ACE/P4A



S71910 ACE/P4A Bearing 2D drawings and 3D CAD models

Size	50x72x12 mm
Bore Diameter	50 mm
Outer Diameter	72 mm
Width	12 mm
d	50 mm
D	72 mm
B	12 mm
C	12 mm
d1	56,7 mm
d2	54,9 mm
r1 min.	0,6 mm
r2 min.	0,6 mm
r3 min.	0,3 mm
r4 min.	0,3 mm
D1	65,3 mm
D2	67,7 mm
da min.	53,2 mm
Da max.	68,8 mm
db min	52 mm
ra max.	0,6 mm
rb max.	0,3 mm
dh	58,4 mm
Db max	70 mm
Weight	0,13 Kg
Basic dynamic load rating (C)	12,1 kN



NTN Bearing de Mexico, S.A.

Basic static load rating (C0)	8,15 kN
(Grease) Lubrication Speed	23 000 r/min
(Oil) Lubrication Speed	36 000 r/min
Fatigue load limit (Pu)	0,345
d ₁	56.7 mm
d ₂	54.9 mm
D ₂	67.7 mm
r _{1,2} min.	0.6 mm
r _{3,4} min.	0.3 mm
a	21.2 mm
d _a min.	53.2 mm
d _a max.	56.1 mm
d _b min.	52 mm
d _b max.	54.5 mm
D _a max.	68.8 mm
D _b max.	70 mm
r _a max.	0.6 mm
r _b max.	0.3 mm
Basic dynamic load rating C	12.1 kN
Basic static load rating C ₀	8.15 kN
Fatigue load limit P _u	0.345 kN
Attainable speed for grease lubrication	23000 r/min
Ball diameter D _w	7.144 mm
Number of balls z	21
Preload class A G _A	110 N
Static axial stiffness, preload class A	96 N/ μ m
Preload class B G _B	330 N
Static axial stiffness, preload class B	145 N/ μ m
Preload class C G _C	660 N
Static axial stiffness, preload	190 N/ μ m



NTN Bearing de Mexico, S.A.

class C	
Calculation factor f	1.15
Calculation factor f_1	0.99
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.04
Calculation factor f_{2C}	1.07
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	0.13 kg