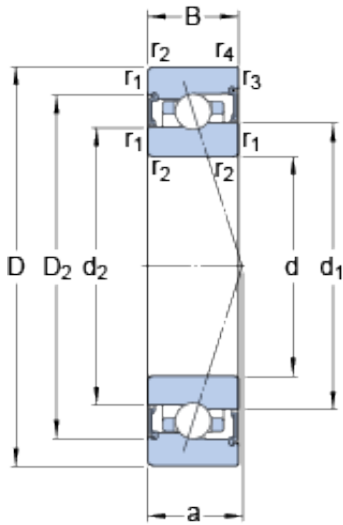




# Xili Bearing Co., Ltd



## 65 mm x 90 mm x 13 mm SKF S71913 CB/P4A angular contact ball bearings

Bearing No. S71913 CB/P4A

S71913 CB/P4A Bearing 2D drawings and 3D CAD models

Size	90x65x13 mm
Bore Diameter	90 mm
Outer Diameter	65 mm
Width	13 mm
d	65 mm
D	90 mm
B	13 mm
d <sub>1</sub>	73.94 mm
d <sub>2</sub>	72.72 mm
D <sub>2</sub>	83.46 mm
r <sub>1,2</sub> - min.	1 mm
r <sub>3,4</sub> - min.	0.3 mm
a	20.1 mm
d <sub>a</sub> - min.	69.6 mm
d <sub>a</sub> - max.	73.3 mm
d <sub>b</sub> - min.	69.6 mm
d <sub>b</sub> - max.	72.1 mm
D <sub>a</sub> - max.	85.4 mm
D <sub>b</sub> - max.	88 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	0.3 mm
Basic dynamic load rating - C	10.6 kN
Basic static load rating - C <sub>0</sub>	9.5 kN
Fatigue load limit - P <sub>u</sub>	0.4 kN



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Limiting speed for grease lubrication	20000 r/min
Ball - $D_w$	5.556 mm
Ball - $z$	32
Calculation factor - $f_0$	9.9
Preload class A - $G_A$	35 N
Preload class B - $G_B$	70 N
Preload class C - $G_C$	210 N
Calculation factor - $f$	1.13
Calculation factor - $f$	1
Calculation factor - $f_{2A}$	1
Calculation factor - $f_{2B}$	1.02
Calculation factor - $f_{2C}$	1.07
Calculation factor - $f_{HC}$	1
Preload class A	38 N/micron
Preload class B	51 N/micron
Preload class C	81 N/micron
$d_1$	73.94 mm
$d_2$	72.72 mm
$D_2$	83.46 mm
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.3 mm
$d_a$ min.	69.6 mm
$d_a$ max.	73.3 mm
$d_b$ min.	69.6 mm
$d_b$ max.	72.1 mm
$D_a$ max.	85.4 mm
$D_b$ max.	88 mm
$r_a$ max.	1 mm
$r_b$ max.	0.3 mm
Basic dynamic load rating C	14.3 kN



## Xili Bearing Co., Ltd

Basic static load rating $C_0$	15.3 kN
Fatigue load limit $P_u$	0.4 kN
Attainable speed for grease lubrication	20000 r/min
Ball diameter $D_w$	5.556 mm
Number of balls $z$	32
Preload class A $G_A$	35 N
Static axial stiffness, preload class A	38 N/ $\mu$ m
Preload class B $G_B$	70 N
Static axial stiffness, preload class B	51 N/ $\mu$ m
Preload class C $G_C$	210 N
Static axial stiffness, preload class C	81 N/ $\mu$ m
Calculation factor $f$	1.13
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.02
Calculation factor $f_{2C}$	1.07
Calculation factor $f_{HC}$	1
Calculation factor $f_0$	9.9
Mass bearing	0.22 kg