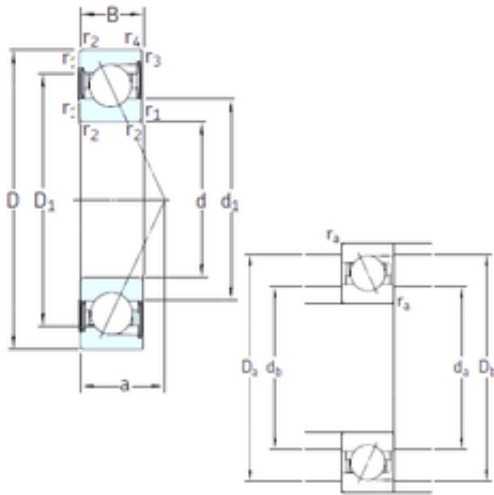




# Shandong Chik Bearing Co., Ltd.



70 mm x 125 mm x 24 mm SKF S7214 CD/P4A angular contact ball bearings

Bearing No. S7214 CD/P4A

S7214 CD/P4A Bearing 2D drawings and 3D CAD models

Size	70x125x24 mm
Bore Diameter	70 mm
Outer Diameter	125 mm
Width	24 mm
d	70 mm
D	125 mm
B	24 mm
C	24 mm
a	25 mm
d1	87,9 mm
d2	87,9 mm
r1 min.	1,5 mm
r2 min.	1,5 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
D1	107,1 mm
D2	110,3 mm
da min.	79 mm
Da max.	116 mm
db min	79 mm
ra max.	1,5 mm
rb max.	0,6 mm
dh	91,6 mm
Db max	120,8 mm
Weight	1,1 Kg



## Shandong Chik Bearing Co., Ltd.

Basic dynamic load rating (C)	68,9 kN
Basic static load rating (C <sub>0</sub> )	58,5 kN
(Grease) Lubrication Speed	11 000 r/min
(Oil) Lubrication Speed	18 000 r/min
Fatigue load limit (P <sub>u</sub> )	2,45
d <sub>1</sub>	87.9 mm
d <sub>2</sub>	87.9 mm
D <sub>2</sub>	110.3 mm
r <sub>1,2</sub> min.	1.5 mm
r <sub>3,4</sub> min.	0.6 mm
d <sub>a</sub> min.	79 mm
d <sub>a</sub> max.	87.1 mm
d <sub>b</sub> min.	79 mm
d <sub>b</sub> max.	87.1 mm
D <sub>a</sub> max.	116 mm
D <sub>b</sub> max.	120.8 mm
r <sub>a</sub> max.	1.5 mm
r <sub>b</sub> max.	0.6 mm
Basic dynamic load rating C	68.9 kN
Basic static load rating C <sub>0</sub>	58.5 kN
Fatigue load limit P <sub>u</sub>	2.45 kN
Attainable speed for grease lubrication	11000 r/min
Ball diameter D <sub>w</sub>	15.875 mm
Number of balls z	16
Preload class A G <sub>A</sub>	260 N
Static axial stiffness, preload class A	83 N/ μ m
Preload class B G <sub>B</sub>	520 N
Static axial stiffness, preload class B	112 N/ μ m
Preload class C G <sub>C</sub>	1040 N



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Static axial stiffness, preload class C	156 N/ $\mu$ m
Preload class D $G_D$	2080 N
Static axial stiffness, preload class D	225 N/ $\mu$ m
Calculation factor $f$	1.08
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.01
Calculation factor $f_{2C}$	1.03
Calculation factor $f_{2D}$	1.05
Calculation factor $f_{HC}$	1
Calculation factor $f_0$	14.8
Mass bearing	1.13 kg