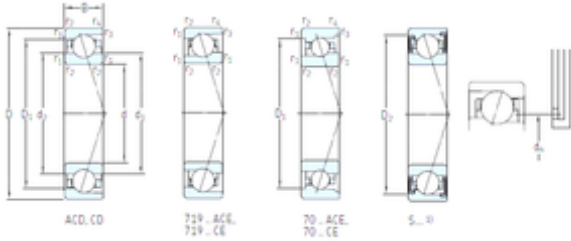


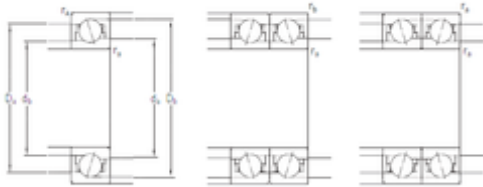


# Shandong Zhaoyue Bearing Co., Ltd.



80 mm x 110 mm x 16 mm SKF S71916 CE/P4A angular contact ball bearings

Bearing No. S71916 CE/P4A



S71916 CE/P4A Bearing 2D drawings and 3D CAD models

Size	80x110x16 mm
Bore Diameter	80 mm
Outer Diameter	110 mm
Width	16 mm
d	80 mm
D	110 mm
B	16 mm
C	16 mm
d1	89,3 mm
d2	86,8 mm
r1 min.	1 mm
r2 min.	1 mm
r3 min.	0,3 mm
r4 min.	0,3 mm
D1	100,5 mm
D2	103,6 mm
da min.	84,6 mm
Da max.	105,4 mm
db min	82 mm
ra max.	1 mm
rb max.	0,3 mm
dh	91,5 mm
Db max	108 mm
Weight	0,36 Kg
Basic dynamic load rating (C)	22,5 kN



## Shandong Zhaoyue Bearing Co., Ltd.

Basic static load rating (C0)	18 kN
(Grease) Lubrication Speed	16 500 r/min
(Oil) Lubrication Speed	25 000 r/min
Fatigue load limit (Pu)	0,75
d <sub>1</sub>	89.3 mm
d <sub>2</sub>	86.8 mm
D <sub>2</sub>	103.6 mm
r <sub>1,2</sub> min.	1 mm
r <sub>3,4</sub> min.	0.3 mm
a	21.7 mm
d <sub>a</sub> min.	84.6 mm
d <sub>a</sub> max.	88.7 mm
d <sub>b</sub> min.	82 mm
d <sub>b</sub> max.	86.2 mm
D <sub>a</sub> max.	105.4 mm
D <sub>b</sub> max.	108 mm
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	0.3 mm
Basic dynamic load rating C	22.5 kN
Basic static load rating C <sub>0</sub>	18 kN
Fatigue load limit P <sub>u</sub>	0.75 kN
Attainable speed for grease lubrication	16500 r/min
Ball diameter D <sub>w</sub>	9.525 mm
Number of balls z	24
Preload class A G <sub>A</sub>	123 N
Static axial stiffness, preload class A	56 N/ μ m
Preload class B G <sub>B</sub>	370 N
Static axial stiffness, preload class B	89 N/ μ m
Preload class C G <sub>C</sub>	740 N
Static axial stiffness, preload	123 N/ μ m



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class C	
Calculation factor $f$	1.19
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.04
Calculation factor $f_{2C}$	1.08
Calculation factor $f_{HC}$	1
Calculation factor $f_0$	8.6
Mass bearing	0.36 kg