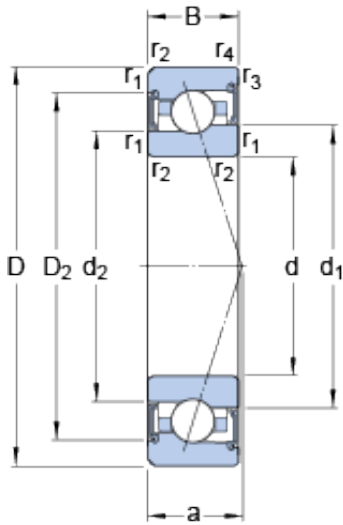




## Bearing Manufacturing of America



75 mm x 115 mm x 20 mm 75 mm x 115 mm x 20 mm SKF S7015 CE/P4A angular contact ball bearings

Bearing No. S7015 CE/P4A

S7015 CE/P4A Bearing 2D drawings and 3D CAD models

Size	115x75x20 mm
Bore Diameter	115 mm
Outer Diameter	75 mm
Width	20 mm
d	75 mm
D	115 mm
B	20 mm
d <sub>1</sub>	89.28 mm
d <sub>2</sub>	86.8 mm
D <sub>2</sub>	104.1 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	0.6 mm
a	22.8 mm
d <sub>a</sub> - min.	81 mm
d <sub>a</sub> - max.	88.5 mm
d <sub>b</sub> - min.	81 mm
d <sub>b</sub> - max.	86 mm
D <sub>a</sub> - max.	109 mm
D <sub>b</sub> - max.	110.8 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	0.6 mm
Basic dynamic load rating - C	26 kN
Basic static load rating - C <sub>0</sub>	21.6 kN



## Bearing Manufacturing of America

Fatigue load limit - $P_u$	0.915 kN
Limiting speed for grease lubrication	16000 r/min
Ball - $D_w$	9.525 mm
Ball - $z$	26
Calculation factor - $f_0$	9.5
Preload class A - $G_A$	140 N
Preload class B - $G_B$	420 N
Preload class C - $G_C$	840 N
Calculation factor - $f$	1.1
Calculation factor - $f$	1
Calculation factor - $f_{2A}$	1
Calculation factor - $f_{2B}$	1.03
Calculation factor - $f_{2C}$	1.05
Calculation factor - $f_{HC}$	1
Preload class A	65 N/micron
Preload class B	102 N/micron
Preload class C	140 N/micron
$d_1$	89.28 mm
$d_2$	86.8 mm
$D_2$	104.1 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
$d_a$ min.	81 mm
$d_a$ max.	88.5 mm
$d_b$ min.	81 mm
$d_b$ max.	86 mm
$D_a$ max.	109 mm
$D_b$ max.	110.8 mm
$r_a$ max.	1 mm
$r_b$ max.	0.6 mm



## Bearing Manufacturing of America

Basic dynamic load rating C	26 kN
Basic static load rating $C_0$	21.6 kN
Fatigue load limit $P_u$	0.915 kN
Attainable speed for grease lubrication	16000 r/min
Ball diameter $D_w$	9.525 mm
Number of balls z	26
Preload class A $G_A$	140 N
Static axial stiffness, preload class A	65 N/ $\mu$ m
Preload class B $G_B$	420 N
Static axial stiffness, preload class B	102 N/ $\mu$ m
Preload class C $G_C$	840 N
Static axial stiffness, preload class C	140 N/ $\mu$ m
Calculation factor f	1.1
Calculation factor $f_1$	1
Calculation factor $f_{2A}$	1
Calculation factor $f_{2B}$	1.03
Calculation factor $f_{2C}$	1.05
Calculation factor $f_{HC}$	1
Calculation factor $f_0$	9.5
Mass bearing	0.67 kg