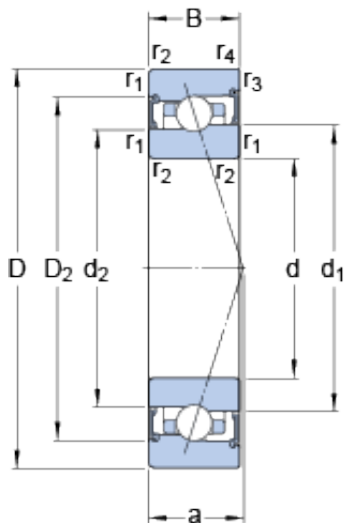




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40 mm x 62 mm x 12 mm SKF S71908 CB/P4A
angular contact ball bearings

Bearing No. S71908 CB/P4A

S71908 CB/P4A Bearing 2D drawings and 3D CAD models

Size	62x40x12 mm
Bore Diameter	62 mm
Outer Diameter	40 mm
Width	12 mm
d	40 mm
D	62 mm
B	12 mm
d ₁	48.46 mm
d ₂	47.6 mm
D ₂	55.64 mm
r _{1,2} - min.	0.6 mm
r _{3,4} - min.	0.3 mm
a	14.8 mm
d _a - min.	43.2 mm
d _a - max.	47.9 mm
d _b - min.	43.2 mm
d _b - max.	47 mm
D _a - max.	58.8 mm
D _b - max.	60 mm
r _a - max.	0.6 mm
r _b - max.	0.3 mm
Basic dynamic load rating - C	5.4 kN
Basic static load rating - C ₀	4.2 kN
Fatigue load limit - P _u	0.176 kN



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Limiting speed for grease lubrication	30000 r/min
Ball - D_w	3.969 mm
Ball - z	28
Calculation factor - f_0	9.8
Preload class A - G_A	18 N
Preload class B - G_B	36 N
Preload class C - G_C	110 N
Calculation factor - f	1.06
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	25 N/micron
Preload class B	32 N/micron
Preload class C	52 N/micron
d_1	48.46 mm
d_2	47.6 mm
D_2	55.64 mm
$r_{1,2}$ min.	0.6 mm
$r_{3,4}$ min.	0.3 mm
d_a min.	43.2 mm
d_a max.	47.9 mm
d_b min.	43.2 mm
d_b max.	47 mm
D_a max.	58.8 mm
D_b max.	60 mm
r_a max.	0.6 mm
r_b max.	0.3 mm
Basic dynamic load rating C	7.15 kN



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Basic static load rating C_0	6.95 kN
Fatigue load limit P_u	0.176 kN
Attainable speed for grease lubrication	30000 r/min
Ball diameter D_w	3.969 mm
Number of balls z	28
Preload class A G_A	18 N
Static axial stiffness, preload class A	25 N/ μ m
Preload class B G_B	36 N
Static axial stiffness, preload class B	32 N/ μ m
Preload class C G_C	110 N
Static axial stiffness, preload class C	52 N/ μ m
Calculation factor f	1.06
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	9.8
Mass bearing	0.12 kg