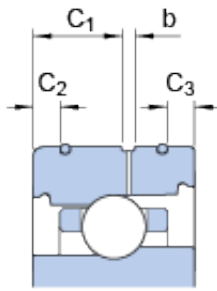
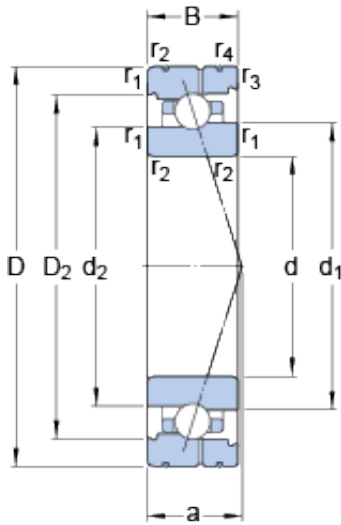




GSF palier Forging Company.



85 mm x 130 mm x 22 mm SKF 7017 CB/P4AL
roulements à billes à contact oblique

Bearing No. 7017 CB/P4AL

7017 CB/P4AL Bearing 2D drawings and 3D CAD models

Size	130x85x22 mm
Bore Diameter	130 mm
Outer Diameter	85 mm
Width	22 mm
d	85 mm
D	130 mm
B	22 mm
d ₁	101.7 mm
d ₂	99.3 mm
D ₂	116.4 mm
b	2.5 mm
C ₁	11.1 mm
C ₂	4.7 mm
C ₃	3.2 mm
r _{1,2} - min.	1.1 mm
r _{3,4} - min.	0.6 mm
a	25.5 mm
d _a - min.	91 mm
d _b - min.	91 mm
D _a - max.	124 mm
D _b - max.	126.8 mm
r _a - max.	1 mm
r _b - max.	0.6 mm
d _n	103 mm



GSF palier Forging Company.

Basic dynamic load rating - C	27 kN
Basic static load rating - C ₀	23.6 kN
Fatigue load limit - P _u	0.965 kN
Limiting speed for grease lubrication	13000 r/min
Limiting speed for oil lubrication	20000 mm/min
Ball - D _w	9.525 mm
Ball - z	28
G _{ref}	11.02 cm ³
Calculation factor - f ₀	9.6
Preload class A - G _A	80 N
Preload class B - G _B	160 N
Preload class C - G _C	480 N
Calculation factor - f	1.08
Calculation factor - f	1
Calculation factor - f _{2A}	1
Calculation factor - f _{2B}	1.02
Calculation factor - f _{2C}	1.05
Calculation factor - f _{HC}	1
Preload class A	54 N/micron
Preload class B	71 N/micron
Preload class C	112 N/micron
d ₁	101.7 mm
d ₂	99.3 mm
D ₂	116.4 mm
C ₁	11.1 mm
C ₂	4.7 mm
C ₃	3.2 mm
r _{1,2} min.	1.1 mm



GSF palier Forging Company.

$r_{3,4}$ min.	0.6 mm
d_a min.	91 mm
d_b min.	91 mm
D_a max.	124 mm
D_b max.	126.8 mm
r_a max.	1 mm
r_b max.	0.6 mm
d_n	103 mm
Basic dynamic load rating C	31.9 kN
Basic static load rating C_0	36 kN
Fatigue load limit P_u	0.965 kN
Attainable speed for grease lubrication	13000 r/min
Attainable speed for oil-air lubrication	20000 r/min
Ball diameter D_w	9.525 mm
Number of balls z	28
Reference grease quantity G_{ref}	11.02 cm ³
Preload class A G_A	80 N
Static axial stiffness, preload class A	54 N/ μ m
Preload class B G_B	160 N
Static axial stiffness, preload class B	71 N/ μ m
Preload class C G_C	480 N
Static axial stiffness, preload class C	112 N/ μ m
Calculation factor f	1.08
Calculation factor f_1	1
Calculation factor f_{2A}	1
Calculation factor f_{2B}	1.02
Calculation factor f_{2C}	1.05
Calculation factor f_{HC}	1



GSF palier Forging Company.

Calculation factor f_0	9.6
Mass bearing	0.96 kg