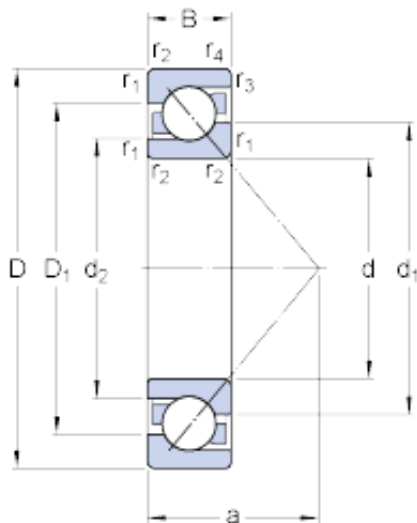




BEARING-MALAYSIA SDN.BHD.



50 mm x 90 mm x 20 mm SKF 7210 BECBPH
Angular contact ball bearing

Bearing No. 7210 BECBPH

7210 BECBPH Bearing 2D drawings and 3D CAD models

Size	90x50x20 mm
Bore Diameter	90 mm
Outer Diameter	50 mm
Width	20 mm
d	50 mm
D	90 mm
B	20 mm
d ₁	65.75 mm
d ₂	57.68 mm
D ₁	75.15 mm
a	39 mm
r _{1,2} - min.	1.1 mm
r _{3,4} - min.	0.6 mm
d _a - min.	57 mm
D _a - max.	83 mm
D _b - max.	85.8 mm
r _a - max.	1 mm
r _b - max.	0.6 mm
Basic dynamic load rating - C	40 kN
Basic static load rating - C ₀	31 kN
Fatigue load limit - P _u	1.3 kN
Reference speed	9000 r/min
Limiting speed	9000 r/min
Calculation factor - k _r	0.095



BEARING-MALAYSIA SDN.BHD.

Calculation factor - k_a	1.4
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - Y_0	0.52
Calculation factor - Y_1	0.55
Calculation factor - Y_2	0.93
Calculation factor - X	0.35
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
d_1	65.75 mm
d_2	57.68 mm
D_1	75.15 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
d_a min.	57 mm
D_a max.	83 mm
D_b max.	85.8 mm
r_a max.	1 mm
r_b max.	0.6 mm
Basic dynamic load rating C	40 kN
Basic static load rating C_0	31 kN
Fatigue load limit P_u	1.32 kN
Calculation factor A	0.014
Calculation factor k_r	0.095
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y_0	0.26
Calculation factor Y_2	0.57
Calculation factor X	0.57
Calculation factor Y_0	0.52



BEARING-MALAYSIA SDN.BHD.

Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	0.47 kg