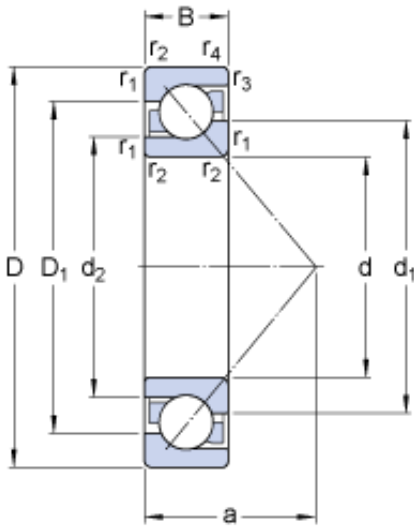




Bearing No. 7210 BECBPH

a	39 mm
d	50 mm
D	90 mm
B	20 mm
Size (mm)	90x50x20
Width (mm)	20
Mass bearing	0.47 kg
d ₁	65.75 mm
d ₂	57.68 mm
D ₁	75.15 mm
Limiting speed	9000 r/min
Bearing number	7210 BECBPH
Reference speed	9000 r/min
d _a min.	57 mm
D _a max.	83 mm
D _b max.	85.8 mm
Bore Diameter (mm)	90
r _a max.	1 mm
r _b max.	0.6 mm
Outer Diameter (mm)	50
r _{3,4} min.	0.6 mm
r _{1,2} min.	1.1 mm
Calculation factor A	0.014
Calculation factor e	1.14
Calculation factor X	0.57
r _b - max.	0.6 mm
r _a - max.	1 mm
D _b - max.	85.8 mm
D _a - max.	83 mm
d _a - min.	57 mm

D_1 ?	75.15 mm
d_1 ?	65.75 mm
d_2 ?	57.68 mm
$r_{1,2}$ - min.	1.1 mm
$r_{3,4}$ - min.	0.6 mm
Calculation factor - X	0.35
Calculation factor - e	1.14
Basic dynamic load rating C	40 kN
Basic dynamic load rating - C	40 kN
Calculation factor k_r	0.095
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit P_u	1.32 kN
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - k_a	1.4
Calculation factor - k_r	0.095
Calculation factor - Y_2	0.57
Fatigue load limit - P_u	1.3 kN
Basic static load rating C_0	31 kN
Basic static load rating - C_0	31 kN