



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
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