



Bearing No. 7207 BECBPH

a	31 mm
d	35 mm
D	72 mm
B	17 mm
Size (mm)	72x35x17
Width (mm)	17
Mass bearing	0.28 kg
d ₁	49.65 mm
d ₂	41.96 mm
D ₁	58.25 mm
Limiting speed	12000 r/min
Bearing number	7207 BECBPH
Reference speed	12000 r/min
d _a min.	42 mm
D _a max.	65 mm
D _b max.	67.8 mm
Bore Diameter (mm)	72
r _a max.	1 mm
r _b max.	0.6 mm
Outer Diameter (mm)	35
r _{3,4} min.	0.6 mm
r _{1,2} min.	1.1 mm
Calculation factor A	0.00674
Calculation factor e	1.14
Calculation factor X	0.57
r _b - max.	0.6 mm
r _a - max.	1 mm
D _b - max.	67.8 mm
D _a - max.	65 mm
d _a - min.	42 mm

D_1 ?	58.25 mm
d_1 ?	49.65 mm
d_2 ?	41.96 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	31 kN
Basic dynamic load rating - C	31 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	0.88 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	0.88 kN
Basic static load rating C_0	20.8 kN
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