



Bearing No. 7204 BECBPH

a	21 mm
d	20 mm
D	47 mm
B	14 mm
Size (mm)	47x20x14
Width (mm)	14
Mass bearing	0.11 kg
d ₁	30.8 mm
d ₂	25.87 mm
D ₁	37 mm
Limiting speed	19000 r/min
Bearing number	7204 BECBPH
Reference speed	19000 r/min
d _a min.	25.6 mm
D _a max.	41.4 mm
D _b max.	42.8 mm
Bore Diameter (mm)	47
r _a max.	1 mm
r _b max.	0.6 mm
Outer Diameter (mm)	20
r _{3,4} min.	0.6 mm
r _{1,2} min.	1 mm
Calculation factor A	0.00113
Calculation factor e	1.14
Calculation factor X	0.57
r _b - max.	0.6 mm
r _a - max.	1 mm
D _b - max.	42.8 mm
D _a - max.	41.4 mm
d _a - min.	25.6 mm

D_1 ?	37 mm
d_1 ?	30.8 mm
d_2 ?	25.87 mm
$r_{1,2}$ - min.	1 mm
$r_{3,4}$ - min.	0.6 mm
Calculation factor - X	0.35
Calculation factor - e	1.14
Basic dynamic load rating C	14.3 kN
Basic dynamic load rating - C	14.3 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	0.345 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	0.345 kN
Basic static load rating C_0	8.15 kN
Basic static load rating - C_0	8.2 kN