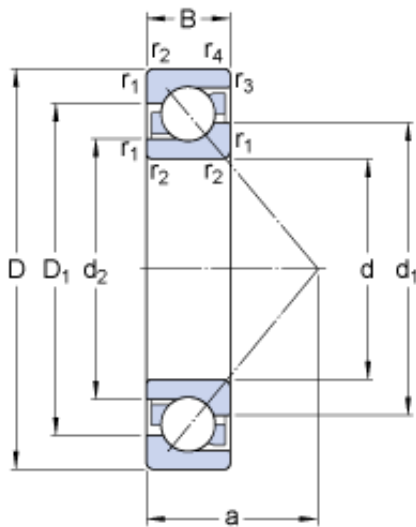




Bearing No. 7205 BECBPH

a	24 mm
d	25 mm
D	52 mm
B	15 mm
Size (mm)	52x25x15
Width (mm)	15
Mass bearing	0.13 kg
d ₁	36.1 mm
d ₂	30.87 mm
D ₁	41.5 mm
Limiting speed	17000 r/min
Bearing number	7205 BECBPH
Reference speed	17000 r/min
d _a min.	30.6 mm
D _a max.	46.4 mm
D _b max.	47.8 mm
Bore Diameter (mm)	52
r _a max.	1 mm
r _b max.	0.6 mm
Outer Diameter (mm)	25
r _{3,4} min.	0.6 mm
r _{1,2} min.	1 mm
Calculation factor A	1.4
Calculation factor e	1.14
Calculation factor X	0.57
r _b - max.	0.6 mm
r _a - max.	1 mm
D _b - max.	47.8 mm
D _a - max.	46.4 mm
d _a - min.	30.6 mm

D_1 ?	41.5 mm
d_1 ?	36.1 mm
d_2 ?	30.87 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	15.6 kN
Basic dynamic load rating - C	15.6 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	0.43 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	0.43 kN
Basic static load rating C_0	10 kN
Basic static load rating - C_0	10 kN