



Bearing No. 68450/68712

a	40 mm
d	114.3 mm
D	180.975 mm
T	34.925 mm
B	31.75 mm
C	25.4 mm
Size (mm)	180.975x114.3x34.925
Width (mm)	34,925
Mass bearing	2.93 kg
d ₁	144.3 mm
Limiting speed	3800 r/min
Bearing number	68450/68712
Reference speed	2600 r/min
Dimension series	68000
D _b min.	170 mm
D _a min.	158 mm
d _b min.	129 mm
d _a max.	129 mm
C _a min.	4 mm
C _b min.	9.5 mm
r _a max.	3.5 mm
r _b max.	3.3 mm
Bore Diameter (mm)	180,975
D _a max.	167.5 mm
Outer Diameter (mm)	114,3
Calculation factor e	0.5
Calculation factor Y	1.2
r _b - max.	3.1 mm
r _a - max.	3.3 mm
C _b - min.	9.5 mm

C_a - min.	4 mm
D_b - min.	170 mm
D_a - max.	170 mm
$r_{1,2}$ min.	3.5 mm
$r_{3,4}$ min.	3.3 mm
D_a - min.	158 mm
d_b - min.	127 mm
d_a - max.	129 mm
d_1 ?	144.3 mm
$r_{3,4}$ - min.	3.3 mm
$r_{1,2}$ - min.	3.5 mm
Calculation factor - Y	1.2
Calculation factor - e	0.5
Basic dynamic load rating C	227 kN
Basic dynamic load rating - C	183 kN
Fatigue load limit P_u	30 kN
Calculation factor Y_0	0.7
Calculation factor - Y_0	0.7
Fatigue load limit - P_u	30 kN
Basic static load rating C_0	280 kN
Basic static load rating - C_0	280 kN