



Bearing No. 539/532 A

a	24 mm
d	53.975 mm
D	111.125 mm
T	38.1 mm
B	36.957 mm
C	30.162 mm
Size (mm)	111.125x53.975x38.1
Width (mm)	38,1
Mass bearing	1.64 kg
d ₁	77.1 mm
Limiting speed	7000 r/min
Bearing number	539/532 A
Reference speed	4800 r/min
Dimension series	535
D _b min.	97 mm
D _a min.	89 mm
d _b min.	67 mm
d _a max.	64 mm
C _a min.	4 mm
C _b min.	7.5 mm
r _a max.	3.5 mm
r _b max.	3.3 mm
Bore Diameter (mm)	111,125
D _a max.	99.5 mm
Outer Diameter (mm)	53,975
Calculation factor e	0.3
Calculation factor Y	2
r _b - max.	3.1 mm
r _a - max.	3.3 mm
C _b - min.	7.5 mm

C_a - min.	5 mm
D_b - min.	97 mm
D_a - max.	95.5 mm
$r_{1,2}$ min.	3.5 mm
$r_{3,4}$ min.	3.3 mm
D_a - min.	90 mm
d_b - min.	65.5 mm
d_a - max.	64 mm
d_1 ?	76.5 mm
$r_{3,4}$ - min.	3.3 mm
$r_{1,2}$ - min.	3.5 mm
Calculation factor - Y	2
Calculation factor - e	0.3
Basic dynamic load rating C	183 kN
Basic dynamic load rating - C	151 kN
Fatigue load limit P_u	21.6 kN
Calculation factor Y_0	1.1
Calculation factor - Y_0	1.1
Fatigue load limit - P_u	22.8 kN
Basic static load rating C_0	190 kN
Basic static load rating - C_0	193 kN