



**Bearing No. NJ 2209 ECNJ**

b	1.9 mm
d	45 mm
D	85 mm
B	23 mm
F	54.5 mm
s	1.7 mm
s max.	1.7 mm
Size (mm)	85x45x23
Width (mm)	23
Mass bearing	0.55 kg
$d_1$	59 mm
$D_1$	72.4 mm
$C_2$	3.28 mm
$D_3$	81.81 mm
Limiting speed	9500 r/min
Bearing number	NJ 2209 ECNJ
Reference speed	9000 r/min
Limiting value e	0.3
$r_b$ max.	1 mm
$r_a$ max.	1 mm
$D_a$ max.	77.6 mm
$d_b$ min.	61 mm
$d_a$ max.	53 mm
$d_a$ min.	52 mm
Bore Diameter (mm)	85
Outer Diameter (mm)	45
Axial load factor Y	0.4
$r_{3,4}$ min.	1.1 mm
$D_a$ - max.	77.6 mm
$d_b$ - min.	61 mm

$r_{1,2}$ min.	1.1 mm
$r_b$ - max.	1 mm
$r_a$ - max.	1 mm
$d_a$ - min.	52 mm
$d_a$ - max.	53 mm
$D_1$ ?	72.4 mm
$d_1$ ?	59 mm
$r_{1,2}$ - min.	1.1 mm
$r_{3,4}$ - min.	1.1 mm
Basic dynamic load rating C	85 kN
Basic dynamic load rating - C	85 kN
Fatigue load limit $P_u$	10.6 kN
Calculation factor $k_r$	0.2
Fatigue load limit - $P_u$	10.6 kN
Calculation factor - $k_r$	0.2
Basic static load rating $C_0$	81.5 kN
Basic static load rating - $C_0$	81.5 kN