



Bearing No. NUP 309 ECNP

b	2.7 mm
d	45 mm
D	100 mm
B	25 mm
F	58.5 mm
Size (mm)	100x45x25
Width (mm)	25
Mass bearing	0.93 kg
C ₂	3.28 mm
d ₁	64.4 mm
D ₁	83.2 mm
D ₃	96.8 mm
Limiting speed	8500 r/min
Bearing number	NUP 309 ECNP
Reference speed	7500 r/min
Limiting value e	0.2
d _a min.	54 mm
r _a max.	1.5 mm
D _a max.	91.4 mm
d _b min.	67 mm
Bore Diameter (mm)	100
Axial load factor Y	0.6
Outer Diameter (mm)	45
d _b - min.	67 mm
r _a - max.	1.5 mm
D _a - max.	91.4 mm
r _{1,2} min.	1.5 mm
r _{3,4} min.	1.5 mm
d _a - min.	54 mm
d ₁ ?	64.4 mm

D_1 ?	83.2 mm
$r_{3,4}$ - min.	1.5 mm
$r_{1,2}$ - min.	1.5 mm
Basic dynamic load rating C	112 kN
Basic dynamic load rating - C	112 kN
Fatigue load limit P_u	12.9 kN
Calculation factor k_r	0.15
Calculation factor - k_r	0.15
Fatigue load limit - P_u	12.9 kN
Basic static load rating C_0	100 kN
Basic static load rating - C_0	100 kN