



Bearing No. 6303-ZNR

b	1.35 mm
d	17 mm
D	47 mm
B	14 mm
f	1.12 mm
C	2.46 mm
Snap ring	SP 47
Size (mm)	47x17x14
Width (mm)	14
Mass bearing	0.12 kg
r ₀	0.4 mm
D ₂	39.58 mm
D ₄	52.7 mm
D ₃	44.6 mm
d ₁	26.52 mm
D ₃	44.6 mm
D ₄	52.7 mm
Limiting speed	22000 r/min
Bearing number	6303-ZNR
Reference speed	34000 r/min
Bore Diameter (mm)	47
r _a max.	1 mm
C _a max.	3.58 mm
b _a min.	1.5 mm
D _b min.	54 mm
D _a max.	41.4 mm
d _a max.	26.4 mm
d _a min.	22.6 mm
r ₀ max.	0.4 mm

Outer Diameter (mm)	17
$r_{1,2}$ min.	1 mm
D_b - min.	54 mm
D_a - max.	41.4 mm
r_a - max.	1 mm
d_a - max.	26.4 mm
b_a - min.	1.5 mm
C_a - max.	3.58 mm
d_a - min.	22.6 mm
d_1 ?	26.52 mm
D_2 ?	39.58 mm
$r_{1,2}$ - min.	1 mm
Basic dynamic load rating C	14.3 kN
Basic dynamic load rating - C	14.3 kN
Fatigue load limit P_u	0.275 kN
Calculation factor k_r	0.03
Calculation factor f_0	12
Fatigue load limit - P_u	0.275 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	12
Basic static load rating C_0	6.55 kN
Basic static load rating - C_0	6.6 kN