

# KOYO 3NCHAC001C angular contact ball bearings

With over 10170 full-service 100x45x36 Size (mm) stores, our KOYO 3NCHAC001C angular contact ball bearings inventory 45 Outer Diameter (mm) is extensive and 100 Bore Diameter (mm) our parts are priced right. within 24 hours. This helps you maximize your productivity by saving time and your hard-earned dollars.

Size (mm)	100x45x36
Bore Diameter (mm)	100
Outer Diameter (mm)	45
Width (mm)	36
d	45 mm
D	100 mm
B	36 mm
d1	62.5 mm
D1	80.1 mm
F	56.14 mm
s	2.4 mm
r1,2 – min.	1.5 mm
da – min.	54 mm
das	59.3 mm
db – max.	54 mm
Da – max.	91 mm
ra – max.	1.5 mm
Basic dynamic load rating – C	172 kN
Basic static load rating – C0	196 kN
Fatigue load limit – Pu	25.5 kN

Reference speed	2800 r/min
Limiting speed	3400 r/min
Calculation factor – $k_r$	0.35
Calculation factor – $e$	0.3
Calculation factor – $Y$	0.4
$d_1 \approx$	62.5 mm
$D_1 \approx$	80.1 mm
$s$ max.	2.4 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ min.	54 mm
$d_b$ max.	54 mm
$D_a$ max.	91 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating $C$	172 kN
Basic static load rating $C_0$	196 kN
Fatigue load limit $P_u$	25.5 kN
Calculation factor $k_r$	0.35
Calculation factor $e$	0.3
Calculation factor $Y$	0.4
Mass bearing	1.4 kg