

# 206-ZNR SKF 62x30x16mm ra – max. 1 mm Deep groove ball bearings

Bearing number	206-ZNR
Size (mm)	62x30x16
Brand	SKF
Bore Diameter (mm)	62
Outer Diameter (mm)	30
Width (mm)	16
d	30 mm
D	62 mm
B	16 mm
$d_1$	40.36 mm
$D_2$	54.06 mm
$D_3$	59.61 mm
$D_4$	67.7 mm
b	1.9 mm
C	3.28 mm
f	1.7 mm
$r_0$	0.6 mm
$r_{1,2}$ – min.	1 mm
$d_a$ – min.	35.6 mm
$d_a$ – max.	40.2 mm
$D_a$ – max.	56.4 mm
$D_b$ – min.	69 mm

$b_a - \text{min.}$	2.2 mm
$C_a - \text{max.}$	4.98 mm
$r_a - \text{max.}$	1 mm
Basic dynamic load rating – C	20.9 kN
Basic static load rating – $C_0$	16.3 kN
Fatigue load limit – $P_u$	0.695 kN
Reference speed	20000 r/min
Limiting speed	12000 r/min
Calculation factor minimum radial load – $k_r$	0.04
Mass bearing	0.21 kg
$d_1 \approx$	40.36 mm
$D_2 \approx$	54.06 mm
$D_3$	59.61 mm
$D_4$	67.7 mm
$r_0 \text{ max.}$	0.6 mm
$r_{1,2} \text{ min.}$	1 mm
$d_a \text{ min.}$	35.6 mm
$d_a \text{ max.}$	40.2 mm
$D_a \text{ max.}$	56.4 mm
$D_b \text{ min.}$	69 mm
$b_a \text{ min.}$	2.2 mm
$C_a \text{ max.}$	4.98 mm
$r_a \text{ max.}$	1 mm
Basic dynamic load rating C	20.9 kN
Basic static load rating $C_0$	16.3 kN
Fatigue load limit $P_u$	0.695 kN

Calculation factor $k_r$	0.04
Snap ring	SP 62