

# 16002-Z SKF 15x32x8mm da min. 17 mm Deep groove ball bearings

Bearing number	16002-Z
Size (mm)	15x32x8
Brand	SKF
Bore Diameter (mm)	15
Outer Diameter (mm)	32
Width (mm)	8
d	15 mm
D	32 mm
B	8 mm
C	8 mm
d1	20.5 mm
d2	– mm
r1 min.	17 mm
r2 min.	17 mm
D1	28.2 mm
D2	0.3 mm
da min.	20.1 mm
Da max.	30 mm
ra max.	0.3 mm
Weight	0.025 Kg
Basic dynamic load rating (C)	5.85 kN
Basic static load rating (C0)	2.85 kN
Fatigue load limit (Pu)	0.12
Reference speed	50000 r/min

Limiting speed	26000 r/min
Calculation factor ( $f_0$ )	14
$d_1 \approx$	20.5 mm
$D_2 \approx$	28.2 mm
$r_{1,2} \text{ min.}$	0.3 mm
$d_a \text{ min.}$	17 mm
$d_a \text{ max.}$	20.1 mm
$D_a \text{ max.}$	30 mm
$r_a \text{ max.}$	0.3 mm
Basic dynamic load rating C	5.85 kN
Basic static load rating $C_0$	2.85 kN
Fatigue load limit $P_u$	0.12 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	14
Mass bearing	0.025 kg