

# 16048 SKF 240x360x37mm D1 ≈ 317.3 mm Deep groove ball bearings

Bearing number	16048
Size (mm)	240x360x37
Brand	SKF
Bore Diameter (mm)	240
Outer Diameter (mm)	360
Width (mm)	37
d	240 mm
D	360 mm
B	37 mm
C	37 mm
d1	279 mm
r1 min.	2.1 mm
r2 min.	2.1 mm
D1	318 mm
D2	– mm
da min.	250 mm
Da max.	350 mm
rc max.	2 mm
Weight	12.5 Kg
Basic dynamic load rating (C)	203 kN
Basic static load rating (C0)	255 kN
Fatigue load limit (Pu)	6.3
Reference speed	3600 r/min
Limiting speed	2200 r/min

Calculation factor ( $f_0$ )	17
$d_1 \approx$	279.7 mm
$D_1 \approx$	317.3 mm
$r_{1,2} \text{ min.}$	2.1 mm
$d_a \text{ min.}$	250 mm
$D_a \text{ max.}$	350 mm
$r_a \text{ max.}$	2 mm
Basic dynamic load rating C	203 kN
Basic static load rating $C_0$	255 kN
Fatigue load limit $P_u$	6.3 kN
Calculation factor $k_r$	0.02
Calculation factor $f_0$	16.5
Mass bearing	12.3 kg