



NTN Bearing Manufacturing

40 mm x 52 mm x 7 mm SKF W 61808 R deep groove ball bearings

Bearing No. W 61808 R

Size	40x52x7 mm
Bore Diameter	40 mm
Outer Diameter	52 mm
Width	7 mm
d	40 mm
D	52 mm
B	7 mm
C	7 mm
C	1,5 mm
D3	55 mm
Weight	0,0316 Kg
Basic dynamic load rating (C)	3,9 kN
Basic static load rating (C0)	3,75 kN
Fatigue load limit (Pu)	0,16
Reference speed	26 000 r/min
d ₁	43.21 mm
D ₁	48.11 mm
D ₂	48.99 mm
D ₃	55 mm
r _{1,2} min.	0.3 mm
d _a min.	42 mm
r _a max.	0.3 mm
Basic dynamic load rating C	3.9 kN
Basic static load rating C ₀	3.75 kN
Fatigue load limit P _u	0.16 kN
Limiting speed	16000 r/min



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Calculation factor k_r	0.02
Calculation factor f_0	14.6