



NTN BEARING CORP.

25 mm x 37 mm x 7 mm SKF W 61805 R deep groove ball bearings

Bearing No. W 61805 R

Size	25x37x7 mm
Bore Diameter	25 mm
Outer Diameter	37 mm
Width	7 mm
d	25 mm
D	37 mm
B	7 mm
C	7 mm
C	1,5 mm
D3	40 mm
Weight	0,0234 Kg
Basic dynamic load rating (C)	3,38 kN
Basic static load rating (C0)	2,5 kN
Fatigue load limit (Pu)	0,108
Reference speed	38 000 r/min
d ₁	28.2 mm
D ₁	33.2 mm
D ₂	34.12 mm
D ₃	40 mm
r _{1,2} min.	0.3 mm
d _a min.	27 mm
r _a max.	0.3 mm
Basic dynamic load rating C	3.38 kN
Basic static load rating C ₀	2.5 kN
Fatigue load limit P _u	0.108 kN
Limiting speed	24000 r/min



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Calculation factor k_r	0.02
Calculation factor f_0	13.7
Mass bearing	0.023 kg