



NTN Bearing Manufacturing

5 mm x 10 mm x 3 mm SKF WBB1-8705 R deep groove ball bearings

Bearing No. WBB1-8705 R

Size	5x10x3 mm
Bore Diameter	5 mm
Outer Diameter	10 mm
Width	3 mm
d	5 mm
D	10 mm
B	3 mm
C	3 mm
C	0,6 mm
D3	11,2 mm
Weight	0,001 Kg
Basic dynamic load rating (C)	0,247 kN
Basic static load rating (C0)	0,085 kN
Fatigue load limit (Pu)	0,004
Reference speed	130 000 r/min
d ₁	6 mm
D ₁	7.8 mm
D ₃	11.2 mm
r _{1,2} min.	0.15 mm
d _a min.	5.9 mm
r _a max.	0.15 mm
Basic dynamic load rating C	0.247 kN
Basic static load rating C ₀	0.085 kN
Fatigue load limit P _u	0.004 kN
Limiting speed	85000 r/min
Calculation factor k _r	0.015



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Calculation factor f_0	7.6
Mass bearing	0.001 kg