



## Bearing Rolamentos do Brasil Ltda.

3 mm x 8 mm x 2,5 mm SKF WBB1-8703 R  
deep groove ball bearings

Bearing No. WBB1-8703 R

Size	3x8x2.5 mm
Bore Diameter	3 mm
Outer Diameter	8 mm
Width	2,5 mm
d	3 mm
D	8 mm
B	2,5 mm
C	2,5 mm
C	0,6 mm
D3	9,2 mm
Weight	0,0006 Kg
Basic dynamic load rating (C)	0,225 kN
Basic static load rating (C0)	0,072 kN
Fatigue load limit (Pu)	0,003
Reference speed	150 000 r/min
d <sub>1</sub>	5 mm
D <sub>1</sub>	6.8 mm
D <sub>3</sub>	9.2 mm
r <sub>1,2</sub> min.	0.15 mm
d <sub>a</sub> min.	4.2 mm
r <sub>a</sub> max.	0.15 mm
Basic dynamic load rating C	0.225 kN
Basic static load rating C <sub>0</sub>	0.072 kN
Fatigue load limit P <sub>u</sub>	0.003 kN
Limiting speed	90000 r/min
Calculation factor k <sub>r</sub>	0.02



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Calculation factor $f_0$	7.2
Mass bearing	0.0006 kg