



## NTN-SNR BEARING RULMENTI S.R.L.

5 mm x 9 mm x 3 mm skf W 637/5 XR-2Z Deep groove ball bearings

Bearing No. W 637/5 XR-2Z

Size	5x9x3 mm
Bore Diameter	5 mm
Outer Diameter	9 mm
Width	3 mm
d	5 mm
D	9 mm
B	3 mm
C	3 mm
C	0,6 mm
D3	10,2 mm
Weight	0,0007 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 <sub>1</sub>	6 mm
D <sub>2</sub>	8.4 mm
D <sub>3</sub>	10.2 mm
r <sub>1,2</sub> min.	0.15 mm
d <sub>a</sub> min.	5.9 mm
d <sub>a</sub> max.	5.9 mm
r <sub>a</sub> max.	0.15 mm
Basic dynamic load rating C	0.247 kN
Basic static load rating C <sub>0</sub>	0.085 kN
Fatigue load limit P <sub>u</sub>	0.004 kN
Limiting speed	67000 r/min



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Calculation factor $k_r$	0.02
Calculation factor $f_0$	7.6
Mass bearing	0.00061 kg