



## NTN BEARING USA CORP.

4 mm x 10 mm x 4 mm skf W 638/4 XR-2RS1  
Deep groove ball bearings

Bearing No. W 638/4 XR-2RS1

Size	4x10x4 mm
Bore Diameter	4 mm
Outer Diameter	10 mm
Width	4 mm
d	4 mm
D	10 mm
B	4 mm
C	4 mm
C	0,8 mm
D3	11,6 mm
Weight	0,0015 Kg
Basic dynamic load rating (C)	0,553 kN
Basic static load rating (C0)	0,245 kN
Fatigue load limit (Pu)	0,011
Reference speed	– r/min
d <sub>1</sub>	5.9 mm
D <sub>2</sub>	8.8 mm
D <sub>3</sub>	11.6 mm
r <sub>1,2</sub> min.	0.2 mm
d <sub>a</sub> min.	5.6 mm
d <sub>a</sub> max.	5.8 mm
r <sub>a</sub> max.	0.2 mm
Basic dynamic load rating C	0.553 kN
Basic static load rating C <sub>0</sub>	0.245 kN
Fatigue load limit P <sub>u</sub>	0.011 kN
Limiting speed	36000 r/min



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Calculation factor $k_r$	0.02
Calculation factor $f_0$	12.3
Mass bearing	0.0015 kg