



USK BEARING COMPANY

3 mm x 7 mm x 3 mm skf W 638/3 R-2RS1
 Deep groove ball bearings

Bearing No. W 638/3 R-2RS1

Size	3x7x3 mm
Bore Diameter	3 mm
Outer Diameter	7 mm
Width	3 mm
d	3 mm
D	7 mm
B	3 mm
C	3 mm
C	0,8 mm
D3	8,1 mm
Weight	0,00055 Kg
Basic dynamic load rating (C)	0,178 kN
Basic static load rating (C0)	0,057 kN
Fatigue load limit (Pu)	0,002
Reference speed	– r/min
d ₂	3.85 mm
D ₂	6.35 mm
D ₃	8.1 mm
r _{1,2} min.	0.1 mm
d _a min.	3.7 mm
d _a max.	3.8 mm
r _a max.	0.1 mm
Basic dynamic load rating C	0.178 kN
Basic static load rating C ₀	0.057 kN
Fatigue load limit P _u	0.002 kN
Limiting speed	45000 r/min



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Calculation factor k_r	0.02
Calculation factor f_0	7.1
Mass bearing	0.00051 kg