



# USK BEARING COMPANY

1 mm x 3 mm x 1 mm skf W 618/1 R Deep groove ball bearings

Bearing No. W 618/1 R

Size	1x3x1 mm
Bore Diameter	1 mm
Outer Diameter	3 mm
Width	1 mm
d	1 mm
D	3 mm
B	1 mm
C	1 mm
C	0,3 mm
D3	3,8 mm
Weight - 4E-05 Kg	4E05 Kg
Basic dynamic load rating (C)	0,052 kN
Basic static load rating (C0)	0,012 kN
Fatigue load limit (Pu)	0,001
Reference speed	240 000 r/min
d <sub>1</sub>	1.55 mm
D <sub>1</sub>	2.46 mm
D <sub>3</sub>	3.8 mm
r <sub>1,2</sub> min.	0.05 mm
d <sub>a</sub> min.	1.4 mm
r <sub>a</sub> max.	0.05 mm
Basic dynamic load rating C	0.052 kN
Basic static load rating C <sub>0</sub>	0.012 kN
Fatigue load limit P <sub>u</sub>	0.001 kN
Limiting speed	150000 r/min
Calculation factor k <sub>r</sub>	0.02



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Calculation factor $f_0$	5.6
Mass bearing	0.00004 kg