



## AMERICAN BEARING MFG.CORP.

12 mm x 18 mm x 4 mm SKF W 61701 R-2ZS  
deep groove ball bearings

Bearing No. W 61701 R-2ZS

Size	12x18x4 mm
Bore Diameter	12 mm
Outer Diameter	18 mm
Width	4 mm
d	12 mm
D	18 mm
B	4 mm
C	4 mm
C	0,8 mm
D3	19,5 mm
Weight	0,0033 Kg
Basic dynamic load rating (C)	0,527 kN
Basic static load rating (C0)	0,265 kN
Fatigue load limit (Pu)	0,011
Reference speed	75 000 r/min
d <sub>1</sub>	13.86 mm
D <sub>2</sub>	16.7 mm
D <sub>3</sub>	19.5 mm
r <sub>1,2</sub> min.	0.2 mm
d <sub>a</sub> min.	13.5 mm
d <sub>a</sub> max.	13.5 mm
r <sub>a</sub> max.	0.2 mm
Basic dynamic load rating C	0.527 kN
Basic static load rating C <sub>0</sub>	0.265 kN
Fatigue load limit P <sub>u</sub>	0.011 kN
Limiting speed	38000 r/min



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Calculation factor $k_r$	0.015
Calculation factor $f_0$	8.2
Mass bearing	0.0031 kg