



USK BEARING COMPANY

12,7 mm x 28,575 mm x 31,12 mm skf D/W R8
R-2RS1 Deep groove ball bearings

Bearing No. D/W R8 R-2RS1

Size	12.7x28.575x31.12 mm
Bore Diameter	12,7 mm
Outer Diameter	28,575 mm
Width	31,12 mm
d	12,7 mm
D	28,575 mm
B	31,12 mm
C	7,938 mm
C	1,575 mm
D3	31,12 mm
Weight	0,0219 Kg
Basic dynamic load rating (C)	4,42 kN
Basic static load rating (C0)	2,36 kN
Fatigue load limit (Pu)	0,102
Reference speed	– r/min
d ₂	16 mm
D ₂	25.15 mm
D ₃	31.12 mm
r _{1,2} min.	0.4 mm
d _a min.	15 mm
d _a max.	15.5 mm
r _a max.	0.4 mm
Basic dynamic load rating C	4.42 kN
Basic static load rating C ₀	2.36 kN
Fatigue load limit P _u	0.102 kN
Limiting speed	16000 r/min



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Calculation factor k_r	0.03
Calculation factor f_0	13.2
Mass bearing	0.022 kg