



# USK BEARING COMPANY

4,762 mm x 9,525 mm x 10,719 mm skf D/W  
R166 R Deep groove ball bearings

Bearing No. D/W R166 R

Size	4.762x9.525x10.719 mm
Bore Diameter	4,762 mm
Outer Diameter	9,525 mm
Width	10,719 mm
d	4,762 mm
D	9,525 mm
B	10,719 mm
C	3,175 mm
C	0,584 mm
D3	10,719 mm
Weight	0,0008 Kg
Basic dynamic load rating (C)	0,403 kN
Basic static load rating (C0)	0,137 kN
Fatigue load limit (Pu)	0,006
Reference speed	130 000 r/min
d <sub>1</sub>	5.95 mm
D <sub>1</sub>	8.3 mm
D <sub>3</sub>	10.719 mm
r <sub>1,2</sub> min.	0.1 mm
d <sub>a</sub> min.	5.6 mm
r <sub>a</sub> max.	0.1 mm
Basic dynamic load rating C	0.403 kN
Basic static load rating C <sub>0</sub>	0.137 kN
Fatigue load limit P <sub>u</sub>	0.006 kN
Limiting speed	80000 r/min
Calculation factor k <sub>r</sub>	0.025



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Calculation factor $f_0$	6.8
Mass bearing	0.0008 kg