

# W627/5-2ZS SKF Calculation factor (f0) 7.8 5x8x2.5mm Deep groove ball bearings

Bearing number	W627/5-2ZS
Size (mm)	5x8x2.5
Brand	SKF
Bore Diameter (mm)	5
Outer Diameter (mm)	8
Width (mm)	2.5
d	5 mm
D	8 mm
B	2.5 mm
C	2.5 mm
d1	5.8 mm
d2	– mm
r1 min.	5.6 mm
r2 min.	5.6 mm
D1	7.4 mm
D2	0.1 mm
da min.	5.7 mm
Da max.	7.5 mm
ra max.	0.1 mm
Weight	0.0004 Kg
Basic dynamic load rating (C)	0.14 kN
Basic static load rating (C0)	0.045 kN
Fatigue load limit (Pu)	0.002
Reference speed	140000 r/min

Limiting speed	70000 r/min
Calculation factor (f0)	7.8