

# SKF W 6004-2RZ deep groove ball bearings

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Size (mm)	80x35x31
Bore Diameter (mm)	80
Outer Diameter (mm)	35
Width (mm)	31
d	35 mm
D	80 mm
B	31 mm
d1	49.5 mm
D1	65.4 mm
r1,2 – min.	1.5 mm
da – min.	44 mm
Da – max.	71 mm
ra – max.	1.5 mm
Basic dynamic load rating – C	50.7 kN
Basic static load rating – C0	38 kN
Fatigue load limit – Pu	1.6 kN
Reference speed	14000 r/min
Limiting speed	7500 r/min
Calculation factor minimum radial load – kr	0.06
Calculation factor – f0	13

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.686
EAN	7316577004598
Product Group	B00152
bore diameter:	35 mm
static load capacity:	38 kN
outside diameter:	80 mm
precision rating:	Not Rated
overall width:	31 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Fiberglass Reinforced Nylon
closure type:	Open
outer ring width:	31 mm
row type & fill slot:	Double Row Non-Fill Slot
fillet radius:	1.5 mm
internal clearance:	C0
maximum rpm:	7500 RPM
dynamic load capacity:	50.7 kN
series:	43
d1 ≈	49.5 mm
D1 ≈	65.4 mm
r1,2 min.	1.5 mm
da min.	44 mm
Da max.	71 mm

ra max.	1.5 mm
Basic dynamic load rating C	50.7 kN
Basic static load rating C0	38 kN
Fatigue load limit Pu	1.63 kN
Calculation factor kr	0.06
Calculation factor f0	13.1
Mass bearing	0.68 kg