

SKF W 6209 deep groove ball bearings

SKF W 6209 deep groove ball bearings, 75 Outer Diameter (mm)
Units and Housings CAD models , 130x75x25 Size (mm)
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Size (mm)	130x75x25
Bore Diameter (mm)	130
Outer Diameter (mm)	75
Width (mm)	25
d	75 mm
D	130 mm
B	25 mm
d1	94.3 mm
E	118.5 mm
r1,2 – min.	1.5 mm
r3,4 – min.	1.5 mm
s	1.2 mm
da – min.	84 mm
da – max.	116 mm
Da – min.	121 mm
Da – max.	122 mm
ra – max.	1.5 mm
rb – max.	1.5 mm
Basic dynamic load rating – C	150 kN
Basic static load rating – C0	156 kN
Fatigue load limit – Pu	20.4 kN
Reference speed	5600 r/min

Limiting speed	6000 r/min
Calculation factor – kr	0.12
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.254
EAN	7316577056641
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer Ring – Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch – Metric	Metric
Other Features	High Capacity 2 Rib Inner Ring Plain Outer Ring Cage on Inner Ring OD
Long Description	75MM Bore; Straight Bore Profile; 130MM Outside Diameter; 25MM Width; Polymer Cage Material; RBEC 1
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00

Noun	Bearing
Manufacturer Item Number	N 215 ECP
Weight / LBS	2.762
Bore	2.953 Inch 75 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Width	0.984 Inch 25 Millimeter
bore diameter:	75 mm
static load capacity:	156 kN
outside diameter:	130 mm
precision rating:	Not Rated
overall width:	25 mm
maximum rpm:	6000 RPM
flanges:	(2) Inner Ring
bearing material:	Steel
bore type:	Straight
cage material:	Polyamide
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C0
closure type:	Open
ring separation:	Separable Ring
outer ring width:	25 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	1.5 mm
dynamic load capacity:	150 kN
series:	N2
d1 ≈	94.3 mm
r1,2 min.	1.5 mm
r3,4 min.	1.5 mm

s max.	1.2 mm
da min.	84 mm
da max.	116 mm
Da min.	121 mm
Da max.	122 mm
ra max.	1.5 mm
rb max.	1.5 mm
Basic dynamic load rating C	150 kN
Basic static load rating C ₀	156 kN
Fatigue load limit P _u	20.4 kN
Calculation factor k _r	0.12
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	1.22 kg