



Bearing No. 6209-ZNR

b	1,9 mm
f	1,7 mm
d	45 mm
D	85 mm
B	19 mm
C	3,28 mm
d1	57,6 mm
D3	81,81 mm
D2	75,2 mm
D4	91,6 mm
Bore	1.772 Inch 45 Millimeter
Noun	Bearing
UNSPSC	31171504
da max	57,5 mm
Weight	0,43 Kg
Db min.	93 mm
Da max.	78 mm
ra max.	1 mm
da min.	2,2 mm
Ca max.	4,98 mm
ba min.	4,98 mm
r2 min.	1,1 mm
r0 max.	0,6 mm
r1 min.	1,1 mm
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Metal Shield
Snap ring	SP 85
Snap Ring	Yes

Size (mm)	45x85x19
Width (mm)	19
Weight / LBS	0.92
Mass bearing	0.43 kg
D ₃	81.81 mm
D ₄	91.6 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
Other Features	Deep Groove With Snap Ring
Bearing number	6209-ZNR
Limiting speed	11000 r/min
Rolling Element	Ball Bearing
Reference speed	17000 r/min
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.skf.com
Outside Diameter	3.346 Inch 85 Millimeter
Long Description	45MM Bore; 85MM Outside Diameter; 19MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
Outer Race Width	0.748 Inch 19 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.418
d _a max.	57.5 mm

D_a max.	78 mm
D_b min.	93 mm
Internal Clearance	C0-Medium
b_a min.	2.2 mm
r_0 max.	0.6 mm
C_a max.	4.98 mm
r_a max.	1 mm
Bore Diameter (mm)	45
d_a min.	52 mm
Outer Diameter (mm)	85
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1.1 mm
d_1 ?	57.6 mm
D_2 ?	75.19 mm
Harmonized Tariff Code	8482.10.50.68
Fatigue load limit (Pu)	0,915
Calculation factor (f0)	14
Internal Special Features	No
Basic dynamic load rating C	35.1 kN
Basic dynamic load rating (C)	35,1 kN
Basic static load rating (C0)	21,6 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.915 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.2
Basic static load rating C_0	21.6 kN