



Bearing No. 6307-ZNR

b	1,9 mm
f	1,7 mm
d	35 mm
D	80 mm
B	21 mm
C	3,28 mm
d1	49,5 mm
D3	76,81 mm
D2	69,2 mm
D4	86,6 mm
Bore	1.378 Inch 35 Millimeter
Noun	Bearing
UNSPSC	31171504
da max	49,5 mm
Weight	0,47 Kg
Db min.	88 mm
Da max.	71 mm
ra max.	1,5 mm
da min.	2,2 mm
Ca max.	4,98 mm
ba min.	4,98 mm
r2 min.	1,5 mm
r0 max.	0,6 mm
r1 min.	1,5 mm
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Metal Shield
Snap ring	SP 80
Snap Ring	Yes

Size (mm)	35x80x21
Width (mm)	21
Weight / LBS	1.056
Mass bearing	0.47 kg
D ₃	76.81 mm
D ₄	86.6 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
Other Features	Deep Groove With Snap Ring
Bearing number	6307-ZNR
Limiting speed	12000 r/min
Rolling Element	Ball Bearing
Reference speed	19000 r/min
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.skf.com
Inner Race Width	0 Inch 0 Millimeter
Long Description	35MM Bore; 80MM Outside Diameter; 21MM 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
Outside Diameter	3.15 Inch 80 Millimeter
Outer Race Width	0.827 Inch 21 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.479
d _a max.	49.5 mm
	71 mm

Da max.

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Internal Clearance	C0-Medium
D_b min.	88 mm
b_a min.	2.2 mm
r_0 max.	0.6 mm
C_a max.	4.98 mm
r_a max.	1.5 mm
Bore Diameter (mm)	35
d_a min.	44 mm
Outer Diameter (mm)	80
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1.5 mm
d_1 ?	49.56 mm
D_2 ?	69.2 mm
Harmonized Tariff Code	8482.10.50.68
Fatigue load limit (Pu)	0,82
Calculation factor (f0)	13
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)	19 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.82 kN
Calculation factor k_r	0.03
Calculation factor f_0	13
Basic static load rating C_0	19 kN