



Bearing No. 6305-ZNR

f	1.7 mm
d	25 mm
D	62 mm
B	17 mm
b	1.9 mm
C	3.28 mm
Noun	Bearing
Bore	0.984 Inch 25 Millimeter
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Metal Shield
Size (mm)	62x25x17
Snap Ring	Yes
Snap ring	SP 62
Width (mm)	17
Mass bearing	0.237 kg
Weight / LBS	0.52
D ₄	67.7 mm
D ₃	59.61 mm
D ₂	52.7 mm
Inch - Metric	Metric
Cage Material	Steel
d ₁	36.6 mm
D ₃	59.61 mm
Product Group	B00308
D ₄	67.7 mm
r ₀	0.6 mm
Keyword String	Ball

Other Features	Deep Groove With Snap Ring
Bearing number	6305-ZNR
Limiting speed	16000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	24000 r/min
Outer Race Width	0.669 Inch 17 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Long Description	25MM Bore; 62MM Outside Diameter; 17MM 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	2.441 Inch 62 Millimeter
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
Weight / Kilogram	0
D_b min.	69 mm
b_a min.	2.2 mm
C_a max.	4.98 mm
d_a max.	36.5 mm
d_a min.	32 mm
Internal Clearance	C0-Medium
r_0 max.	0.6 mm
Bore Diameter (mm)	62
r_a max.	1 mm
D_a max.	55 mm
Outer Diameter (mm)	25

$r_{1,2}$ min.	1.1 mm
d_a - min.	32 mm
b_a - min.	2.2 mm
d_a - max.	36.5 mm
D_a - max.	55 mm
D_b - min.	69 mm
Minimum Buy Quantity	N/A
C_a - max.	4.98 mm
r_a - max.	1 mm
d_1 ?	36.6 mm
D_2 ?	52.7 mm
$r_{1,2}$ - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6305-ZNR
Internal Special Features	No
Basic dynamic load rating C	23.4 kN
Basic dynamic load rating - C	23.4 kN
Maximum Capacity / Filling Slot	No
Calculation factor f_0	12
Calculation factor k_r	0.03
Fatigue load limit P_u	0.49 kN
Calculation factor - k_r	0.03
Fatigue load limit - P_u	0.49 kN
Calculation factor - f_0	12
Basic static load rating C_0	11.6 kN
Basic static load rating - C_0	11.6 kN