



Bearing No. 6305 NR

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	Open
Size (mm)	62x25x17
Snap Ring	Yes
Snap ring	SP 62
Width (mm)	17
Mass bearing	0.233 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 NR
Limiting speed	16000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	24000 r/min
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
Long Description	25MM Bore; 62MM Outside Diameter; 17MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Outer Race Width	0.669 Inch 17 Millimeter
Manufacturer URL	http://www.skf.com
Weight / Kilogram	0.227
Manufacturer Name	SKF
b_a min.	2.2 mm
D_b min.	69 mm
C_a max.	4.98 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
C_a - max.	4.98 mm
D_a - max.	55 mm
D_b - min.	69 mm
b_a - min.	2.2 mm
Minimum Buy Quantity	N/A
r_a - max.	1 mm
d_1 ?	36.6 mm
D_2 ?	52.7 mm
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1.1 mm
Manufacturer Item Number	6305 NR
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	12.4
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	12.4
Basic static load rating C_0	11.6 kN
Basic static load rating - C_0	11.6 kN