



Bearing No. 6305 N

D	62 mm
d	25 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
Width (mm)	17
Mass bearing	0.22 kg
Weight / LBS	0.52
D ₃	59.61 mm
Inch - Metric	Metric
Cage Material	Steel
D ₂	52.7 mm
d ₁	36.6 mm
D ₃	59.61 mm
Product Group	B00308
r ₀	0.6 mm
Keyword String	Ball
Other Features	Deep Groove With Snap Ring Groove
Bearing number	6305 N
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
Outer Race Width	0.669 Inch 17 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
Manufacturer URL	http://www.skf.com
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
Manufacturer Name	SKF
Weight / Kilogram	0.215
b_a min.	2.2 mm
r_0 max.	0.6 mm
d_a min.	32 mm
Bore Diameter (mm)	62
D_a max.	55 mm
C_a max.	4.98 mm
D_b min.	69 mm
Internal Clearance	C0-Medium
r_a max.	1 mm
Outer Diameter (mm)	25
b_a - min.	2.2 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1.1 mm
D_b - min.	69 mm
	4.98 mm

Ca - max.

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r_a - max.	1 mm
d_a - min.	32 mm
D_a - max.	55 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
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
Fatigue load limit P_u	0.49 kN
Calculation factor k_r	0.03
Calculation factor f_0	12.4
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