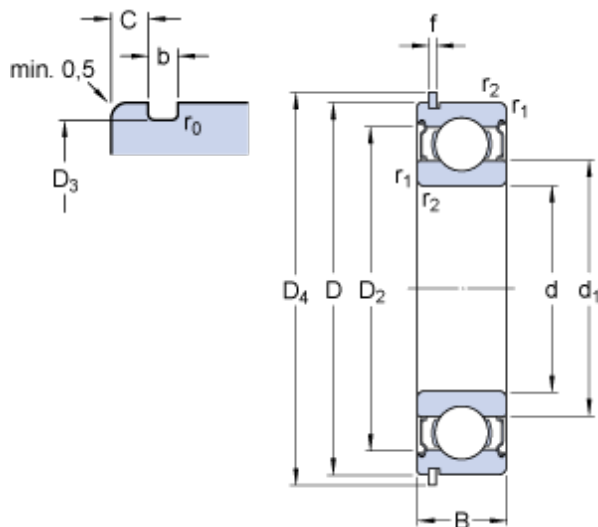




BEARING USA CORP.

25 mm x 47 mm x 12 mm SKF 6005-2ZNR deep groove ball bearings

Bearing No. 6005-2ZNR



6005-2ZNR Bearing 2D drawings and 3D CAD models

Size	47x25x12 mm
Bore Diameter	47 mm
Outer Diameter	25 mm
Width	12 mm
d	25 mm
D	47 mm
B	12 mm
d ₁	32 mm
D ₄	52.7 mm
f	1.12 mm
d _a - min.	28.2 mm
d _a - max.	31.9 mm
D _a - max.	43.8 mm
D _b - min.	54 mm
b _a - min.	1.5 mm
C _a - max.	3.18 mm
r _a - max.	0.6 mm
Basic dynamic load rating - C	11.9 kN
Basic static load rating - C ₀	6.6 kN
Fatigue load limit - P _u	0.275 kN
Reference speed	32000 r/min
Limiting speed	16000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	14



BEARING USA CORP.

Mass bearing	0.08 kg
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.082
Product Group	B00308
Enclosure	2 Metal Shields
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	25MM Bore; 47MM Outside Diameter; 12MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Ste
Other Features	Deep Groove With Snap Ring
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Weight / LBS	0.1918



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Bore	0.984 Inch 25 Millimeter
Outside Diameter	1.85 Inch 47 Millimeter
Outer Race Width	0.472 Inch 12 Millimeter
Inner Race Width	0 Inch 0 Millimeter
d_1	32 mm
D_2	42.2 mm
D_3	44.6 mm
D_4	52.7 mm
b	1.35 mm
C	2.06 mm
r_0 max.	0.4 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	28.2 mm
d_a max.	31.9 mm
D_a max.	43.8 mm
D_b min.	54 mm
b_a min.	1.5 mm
C_a max.	3.18 mm
r_a max.	0.6 mm
Basic dynamic load rating C	11.9 kN
Basic static load rating C_0	6.55 kN
Fatigue load limit P_u	0.275 kN
Calculation factor k_r	0.025
Calculation factor f_0	14
Snap ring	SP 47