



NTN Bearing Rolamentos do Brasil Ltda.



SKF 6301 Bearing

Bearing No. 6301

6301 Bearing 2D drawings and 3D CAD models

Size	12x37x12 mm
Bore Diameter	12 mm
Outer Diameter	37 mm
Width	12 mm
d	12 mm
D	37 mm
B	12 mm
C	12 mm
d1	19,5 mm
r1 min.	1 mm
r2 min.	1 mm
D1	29,5 mm
D2	31,5 mm
da min.	17,6 mm
Da max.	31,4 mm
rc max.	1 mm
Weight	0,06 Kg
Basic dynamic load rating (C)	10,1 kN
Basic static load rating (C0)	4,15 kN
Fatigue load limit (Pu)	0,176
Reference speed	45000 r/min
Limiting speed	28000 r/min
Calculation factor (f0)	11
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	0.061
EAN	7316577101006
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	12MM Bore; 37MM Outside Diameter; 12MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
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
Manufacturer Item Number	6301
Weight / LBS	0.13
Bore	0.472 Inch 12 Millimeter
Outer Race Width	0.472 Inch 12 Millimeter
Outside Diameter	1.457 Inch 37 Millimeter
d ₁	19.51 mm
D ₂	31.48 mm



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d_a min.	17.6 mm
D_a max.	31.4 mm
r_a max.	1 mm
Basic dynamic load rating C	10.1 kN
Basic static load rating C_0	4.15 kN
Fatigue load limit P_u	0.176 kN
Calculation factor k_r	0.03
Calculation factor f_0	11
Mass bearing	0.059 kg