



BEARING PRECISION AXLE CORP.



12 mm x 37 mm x 12 mm SKF 6301 Bearing

Bearing No. 6301

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

6301 Bearing 2D drawings and 3D CAD models



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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