



Timken Bearing Company



Single Shield Deep Groove Ball Bearing 6306
 6309 6315 SKF FAG NSK Timken 6306zz Ball
 Bearing /Pillow Block/UC Bearing/Spare Part

Bearing No. 6306

6306 Bearing 2D drawings and 3D CAD models

Size	72x30x19 mm
Bore Diameter	72 mm
Outer Diameter	30 mm
Width	19 mm
d	30 mm
D	72 mm
B	19 mm
d ₁	44.6 mm
D ₂	61.88 mm
r _{1,2} - min.	1.1 mm
d _a - min.	37 mm
D _a - max.	65 mm
r _a - max.	1 mm
Basic dynamic load rating - C	29.6 kN
Basic static load rating - C ₀	16 kN
Fatigue load limit - P _u	0.67 kN
Reference speed	20000 r/min
Limiting speed	13000 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	0.36
EAN	7316577738608
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	30MM Bore; 72MM Outside Diameter; 19MM 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	6306
Weight / LBS	0.79
Bore	1.181 Inch 30 Millimeter
Outer Race Width	0.748 Inch 19 Millimeter
Outside Diameter	2.835 Inch 72 Millimeter
d ₁	44.6 mm
D ₂	61.88 mm



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$r_{1,2}$ min.	1.1 mm
d_a min.	37 mm
D_a max.	65 mm
r_a max.	1 mm
Basic dynamic load rating C	29.6 kN
Basic static load rating C_0	16 kN
Fatigue load limit P_u	0.67 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.1
Mass bearing	0.35 kg