



MianKang Bearing Co., Ltd.



6303 Bearing 2D drawings and 3D CAD models

skf 6303 bearing

Bearing No. 6303

Size	47x17x14 mm
Bore Diameter	47 mm
Outer Diameter	17 mm
Width	14 mm
d	17 mm
D	47 mm
B	14 mm
d ₁	26.52 mm
D ₂	39.58 mm
r _{1,2} - min.	1 mm
d _a - min.	22.6 mm
D _a - max.	41.4 mm
r _a - max.	1 mm
Basic dynamic load rating - C	14.3 kN
Basic static load rating - C ₀	6.6 kN
Fatigue load limit - P _u	0.275 kN
Reference speed	34000 r/min
Limiting speed	22000 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	12
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.11



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EAN	7316577068859
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	17MM Bore; 47MM Outside Diameter; 14MM 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	6303
Weight / LBS	0.25
Bore	0.669 Inch 17 Millimeter
Outside Diameter	1.85 Inch 47 Millimeter
Outer Race Width	0.551 Inch 14 Millimeter
d ₁	26.52 mm
D ₂	39.58 mm
r _{1,2} min.	1 mm
d _a min.	22.6 mm



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D_a max.	41.4 mm
r_a max.	1 mm
Basic dynamic load rating C	14.3 kN
Basic static load rating C_0	6.55 kN
Fatigue load limit P_u	0.275 kN
Calculation factor k_r	0.03
Calculation factor f_0	12
Mass bearing	0.11 kg