



Bearing No. 6303

D	47 mm
d	17 mm
B	14 mm
Bore	0.669 Inch 17 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	47x17x14
Snap Ring	No
Width (mm)	14
Mass bearing	0.11 kg
Weight / LBS	0.25
Inch - Metric	Metric
Cage Material	Steel
D ₂	39.58 mm
d ₁	26.52 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6303
Limiting speed	22000 r/min
Reference speed	34000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.skf.com
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
Outside Diameter	1.85 Inch 47 Millimeter
Outer Race Width	0.551 Inch 14 Millimeter
Weight / Kilogram	0.11
Manufacturer Name	SKF
D _a max.	41.4 mm
r _a max.	1 mm
Bore Diameter (mm)	47
Internal Clearance	C0-Medium
d _a min.	22.6 mm
Outer Diameter (mm)	17
r _{1,2} min.	1 mm
r _a - max.	1 mm
d _a - min.	22.6 mm
D _a - max.	41.4 mm
Minimum Buy Quantity	N/A
d ₁ ?	26.52 mm
D ₂ ?	39.58 mm
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	1 mm
Manufacturer Item Number	6303
Internal Special Features	No
Basic dynamic load rating C	14.3 kN
Basic dynamic load rating - C	14.3 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P _u	0.275 kN

Calculation factor k_f	0.03
Calculation factor f_0	12
Calculation factor - k_f	0.03
Fatigue load limit - P_u	0.275 kN
Calculation factor - f_0	12
Basic static load rating C_0	6.55 kN
Basic static load rating - C_0	6.6 kN