



Bearing No. 6303-2Z

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	2 Metal Shields
Size (mm)	47x17x14
Snap Ring	No
Width (mm)	14
Mass bearing	0.12 kg
Weight / LBS	0.2403
Inch - Metric	Metric
Cage Material	Steel
D ₂	39.58 mm
d ₁	26.52 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	6303-2Z
Limiting speed	17000 r/min
Rolling Element	Ball Bearing
Reference speed	34000 r/min
Precision Class	ABEC 1 ISO P0
Long Description	17MM Bore; 47MM Outside Diameter; 14MM Outer Race Width; 2 Metal Shields;

	Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.551 Inch 14 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	1.85 Inch 47 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.112
D _a max.	41.4 mm
r _a max.	1 mm
d _a max.	26.4 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	47
d _a min.	22.6 mm
Outer Diameter (mm)	17
r _a - max.	1 mm
D _a - max.	41.4 mm
d _a - min.	22.6 mm
r _{1,2} min.	1 mm
Minimum Buy Quantity	N/A
d _a - max.	26.4 mm
D ₂ ?	39.58 mm
d ₁ ?	26.52 mm
r _{1,2} - min.	1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6303-2Z
Internal Special Features	No
Basic dynamic load	14.3 kN

rating C	
Basic dynamic load rating - C	14.3 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.275 kN
Calculation factor k_r	0.03
Calculation factor f_0	12
Calculation factor - k_r	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