



MianKang Bearing Co., Ltd.



skf 6003 bearing

Bearing No. 6003

6003 Bearing 2D drawings and 3D CAD models

Size	35x17x10 mm
Bore Diameter	35 mm
Outer Diameter	17 mm
Width	10 mm
d	17 mm
D	35 mm
B	10 mm
d ₁	23 mm
D ₂	31.2 mm
r _{1,2} - min.	0.3 mm
d _a - min.	19 mm
D _a - max.	33 mm
r _a - max.	0.3 mm
Basic dynamic load rating - C	6.4 kN
Basic static load rating - C ₀	3.2 kN
Fatigue load limit - P _u	0.137 kN
Reference speed	45000 r/min
Limiting speed	28000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	14
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.041



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EAN	7316577740038
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; 35MM Outside Diameter; 10MM 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	6003
Weight / LBS	0.09
Bore	0.669 Inch 17 Millimeter
Outer Race Width	0.394 Inch 10 Millimeter
Outside Diameter	1.378 Inch 35 Millimeter
d ₁	23 mm
D ₂	31.2 mm
r _{1,2} min.	0.3 mm
d _a min.	19 mm



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D_a max.	33 mm
r_a max.	0.3 mm
Basic dynamic load rating C	6.37 kN
Basic static load rating C_0	3.25 kN
Fatigue load limit P_u	0.137 kN
Calculation factor k_r	0.025
Calculation factor f_0	14
Mass bearing	0.038 kg