



YUKEN Single Vane Pump Ltd.



6001 SKF Hybrid Ceramic Bearing for Bicycle

Bearing No. 6001

Size	12x28x8 mm
Bore Diameter	12 mm
Outer Diameter	28 mm
Width	8 mm
d	12 mm
D	28 mm
B	8 mm
C	8 mm
d1	17 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
D1	23,2 mm
D2	24,8 mm
da min.	14 mm
Da max.	26 mm
rc max.	0,3 mm
Weight	0,021 Kg
Basic dynamic load rating (C)	5,4 kN
Basic static load rating (C0)	2,36 kN
Fatigue load limit (Pu)	0,1
Reference speed	60000 r/min
Limiting speed	38000 r/min
Calculation factor (f0)	13
Category	Single Row Ball Bearings
Inventory	2.0
Manufacturer Name	SKF

6001 Bearing 2D drawings and 3D CAD models



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Minimum Buy Quantity	N/A
Weight / Kilogram	0.023
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	12MM Bore; 28MM Outside Diameter; 8MM 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	6001
Weight / LBS	0.05
Outer Race Width	0.315 Inch 8 Millimeter
Outside Diameter	1.102 Inch 28 Millimeter
Bore	0.472 Inch 12 Millimeter
d ₁	17 mm
D ₂	24.72 mm
r _{1,2} min.	0.3 mm



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d_a min.	14 mm
D_a max.	26 mm
r_a max.	0.3 mm
Basic dynamic load rating C	5.4 kN
Basic static load rating C_0	2.36 kN
Fatigue load limit P_u	0.1 kN
Calculation factor k_r	0.025
Calculation factor f_0	13
Mass bearing	0.021 kg