



## SKF 6001 2Z JEM Deep Groove Ball Bearing, ZZ, C3 (FAG,NTN,NSK, Timken 9101KDD)

Bearing No. 6001

6001 Bearing 2D drawings and 3D CAD models

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
Minimum Buy Quantity	N/A
Weight / Kilogram	0.023
EAN	7316570615814
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	<a href="http://www.skf.com">http://www.skf.com</a>
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 <sub>1</sub>	17 mm

$D_2$	24.72 mm
$r_{1,2}$ min.	0.3 mm
$d_a$ 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