



**Bearing No. 61801**

D	21 mm
d	12 mm
B	5 mm
C	5 mm
D1	18,3 mm
D2	- mm
d1	14,8 mm
Noun	Bearing
Bore	0.472 Inch   12 Millimeter
UNSPSC	31171504
Weight	0,0063 Kg
rc max.	0,3 mm
Da max.	19 mm
da min.	14 mm
r2 min.	0,3 mm
r1 min.	0,3 mm
series:	61
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	No
Size (mm)	12x21x5
Enclosure	Open
Width (mm)	5
bore type:	Round
Mass bearing	0.0063 kg
Weight / LBS	0.02
maximum rpm:	43000 RPM
Product Group	B00308
Inch - Metric	Metric

closure type:	Open
Cage Material	Steel
Keyword String	Ball
bore diameter:	12 mm
overall width:	5 mm
cage material:	Steel
fillet radius:	0.3 mm
Bearing number	61801
Limiting speed	43000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Reference speed	70000 r/min
Precision Class	ABEC 1   ISO P0
Outer Race Width	0.197 Inch   5 Millimeter
Outside Diameter	0.827 Inch   21 Millimeter
Long Description	12MM Bore; 21MM Outside Diameter; 5MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Name	SKF
Weight / Kilogram	0.008
outer ring width:	5 mm
outside diameter:	21 mm
precision rating:	Not Rated
d <sub>a</sub> min.	14 mm
D <sub>a</sub> max.	19 mm
r <sub>a</sub> max.	0.3 mm
Bore Diameter (mm)	12
Internal Clearance	C0-Medium

Outer Diameter (mm)	21
internal clearance:	C0
snap ring included:	Without Snap Ring
$r_{1,2}$ min.	0.3 mm
Minimum Buy Quantity	N/A
static load capacity:	0.915 kN
$D_1$ ?	18.3 mm
$d_1$ ?	14.8 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	1.74 kN
Harmonized Tariff Code	8482.10.50.68
Fatigue load limit (Pu)	0,039
Calculation factor (f0)	13
Manufacturer Item Number	61801 J
Internal Special Features	No
Basic dynamic load rating C	1.74 kN
Basic dynamic load rating (C)	1,74 kN
Basic static load rating (C0)	0,915 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	0.039 kN
Calculation factor $k_r$	0.015
Calculation factor $f_0$	13.4
Basic static load rating $C_0$	0.915 kN