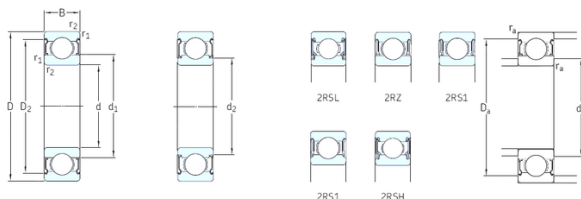




# BEARING-MALAYSIA SDN.BHD.



12 mm x 21 mm x 5 mm SKF 61801-2Z deep groove ball bearings

Bearing No. 61801-2Z

61801-2Z Bearing 2D drawings and 3D CAD models

Size	12x21x5 mm
Bore Diameter	12 mm
Outer Diameter	21 mm
Width	5 mm
d	12 mm
D	21 mm
B	5 mm
C	5 mm
d1	14,8 mm
d2	– mm
r1 min.	14 mm
r2 min.	14 mm
D1	19,2 mm
D2	0,3 mm
da min.	14,7 mm
Da max.	19 mm
ra max.	0,3 mm
Weight	0,0063 Kg
Basic dynamic load rating (C)	1,74 kN
Basic static load rating (C0)	0,915 kN
Fatigue load limit (Pu)	0,039
Reference speed	70000 r/min
Limiting speed	36000 r/min
Calculation factor (f0)	13
Category	Single Row Ball Bearings



## BEARING-MALAYSIA SDN.BHD.

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.008
Product Group	B00308
Enclosure	2 Metal Shields
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; 21MM Outside Diameter; 5MM Outer Race Diameter; 2 Metal Shields; 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	61801 2Z
Weight / LBS	0.02
Bore	0.472 Inch   12 Millimeter
Outside Diameter	0.827 Inch   21 Millimeter
Outer Race Width	0.197 Inch   5 Millimeter
bore diameter:	12 mm



## BEARING-MALAYSIA SDN.BHD.

static load capacity:	0.915 kN
outside diameter:	21 mm
precision rating:	Not Rated
overall width:	5 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Shielded
outer ring width:	5 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	36000 RPM
dynamic load capacity:	1.74 kN
series:	61
$d_1$	14.8 mm
$D_2$	18.95 mm
$r_{1,2}$ min.	0.3 mm
$d_a$ min.	14 mm
$d_a$ max.	14.7 mm
$D_a$ max.	19 mm
$r_a$ max.	0.3 mm
Basic dynamic load rating C	1.74 kN
Basic static load rating $C_0$	0.915 kN
Fatigue load limit $P_u$	0.039 kN
Calculation factor $k_r$	0.015
Calculation factor $f_0$	13.4
Mass bearing	0.0063 kg