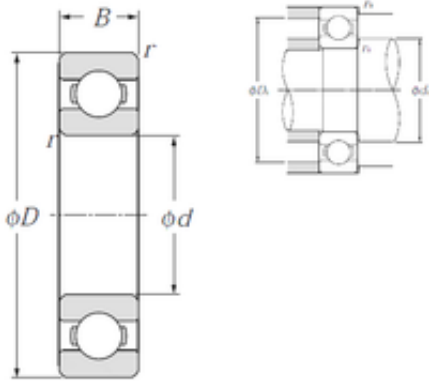




BEARINGS IMPORTED AND EXPORTED CO.,LTD.

12 mm x 21 mm x 5 mm NTN 6801 deep groove ball bearings

Bearing No. 6801



6801 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
r min.	0,3 mm
da min.	14 mm
da max	14,5 mm
Da max.	19 mm
ra max.	0,3 mm
Weight	0,006 Kg
Basic dynamic load rating (C)	1,92 kN
Basic static load rating (C0)	1,04 kN
(Grease) Lubrication Speed	29 000 r/min
(Oil) Lubrication Speed	35 000 r/min
rs min	0.3 mm
Radial clearance class	CN
Mass	0.006 kg
Dynamic load, C	1.92 kN
Static load, C0	1.04 kN
Fatigue limit load, Cu	0.05 kN
f0	15.3



BEARINGS IMPORTED AND EXPORTED CO.,LTD.

Nlim (oil)	35,000 rpm
Nlim (grease)	29,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.79 Hz
Characteristic outer ring frequency, BPF0	5.13 Hz
Characteristic inner ring frequency, BRF1	6.87 Hz
da min	14 mm
Da max	19 mm
ra max	0.3 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.006
EAN	4547359006070
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



BEARINGS IMPORTED AND EXPORTED CO.,LTD.

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
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6801
Weight / LBS	0.013
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
finish/coating:	Uncoated
outside diameter:	21 mm
bearing material:	High Carbon Chrome Steel
overall width:	5 mm
cage material:	Steel
bore type:	Round
inner ring width:	5 mm
closure type:	Open
outer ring width:	5 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	29000 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	35000 rpm
internal clearance:	CN



BEARINGS IMPORTED AND EXPORTED CO.,LTD.

fillet radius:	0.3 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	35000 RPM
dynamic load capacity:	1920 N
series:	68
static load capacity:	1040 N
manufacturer product page:	Click here
precision rating:	Class 0