



High Temperature BEARINGS CO., LTD



6021Z Bearing 2D drawings and 3D CAD models

105,000 mm x 160,000 mm x 26,000 mm NTN
6021Z deep groove ball bearings

Bearing No. 6021Z

Size	105x160x26 mm
Bore Diameter	105,000 mm
Outer Diameter	160,000 mm
Width	26,000 mm
d	105,000 mm
D	160,000 mm
B	26,000 mm
C	26,000 mm
rs min	2 mm
Radial clearance class	CN
Mass	1.59 kg
Dynamic load, C	72.5 kN
Static load, C0	65.5 kN
Fatigue limit load, Cu	2.6 kN
f0	15.8
Nlim (oil)	4,700 rpm
Nlim (grease)	4,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.82 Hz
Characteristic outer ring frequency, BPF0	6.56 Hz



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Characteristic inner ring frequency, BPF1	8.44 Hz
da min	114 mm
Da max	151 mm
ra max	2 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.593
EAN	4547359550955
Product Group	B00308
Enclosure	1 Metal Shield
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	105MM Bore; 160MM Outside Diameter; 26MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Ste
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68



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Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6021Z
Weight / LBS	3.50535
Outer Race Width	1.024 Inch 26 Millimeter
Bore	4.134 Inch 105 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
Inner Race Width	0 Inch 0 Millimeter
bore diameter:	105 mm
precision rating:	ISO Class 0
outside diameter:	160 mm
finish/coating:	Uncoated
overall width:	26 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Shield
inner ring width:	26 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	26 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	4000 rpm
internal clearance:	CN
maximum rpm (oil):	4700 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	2 mm
dynamic load capacity:	72500 N
manufacturer product page:	Click here
static load capacity:	65500 N