



Bearing No. 6000

D	26 mm
d	10 mm
B	8 mm
C	8 mm
f0	12.4
Mass	0.02 kg
Noun	Bearing
Bore	0.394 Inch 10 Millimeter
Weight	0,019 Kg
UNSPSC	31171504
rs min	0.3 mm
da max	13,5 mm
da min	12 mm
Da max	24 mm
ra max	0.3 mm
r min.	0,3 mm
Da max.	24 mm
ra max.	0,3 mm
da min.	12 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	No
Size (mm)	10x26x8
Enclosure	Open
Width (mm)	8
bore type:	Round
Nlim (oil)	34,000 rpm
Weight / LBS	0.042
closure type:	Open

Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	29,000 rpm
Product Group	B00308
bore diameter:	10 mm
cage material:	Steel
overall width:	8 mm
Keyword String	Ball
fillet radius:	0.3 mm
Bearing number	6000
Static load, C0	1.96 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Dynamic load, C	4.55 kN
Outside Diameter	1.024 Inch 26 Millimeter
Outer Race Width	0.315 Inch 8 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	10MM Bore; 26MM Outside Diameter; 8MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
outer ring width:	8 mm
inner ring width:	8 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	26 mm
precision rating:	Class 0
Manufacturer Name	NTN

Weight / Kilogram	0.019
Bore Diameter (mm)	10
maximum rpm (oil):	34000 rpm
Internal Clearance	C0-Medium
internal clearance:	CN
snap ring included:	Without Snap Ring
Outer Diameter (mm)	26
Minimum Buy Quantity	N/A
static load capacity:	1960 N
maximum rpm (grease):	29000 rpm
row type & fill slot:	Single Row Non-Fill Slot
Fatigue limit load, Cu	0.09 kN
dynamic load capacity:	4550 N
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	34 000 r/min
Manufacturer Item Number	6000U/1E
Internal Special Features	No
(Grease) Lubrication Speed	29 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic dynamic load rating (C)	4,55 kN
Basic static load rating (C0)	1,96 kN
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Min operating	-20 °C

temperature, T _{min}	
Characteristic cage frequency, FTF	0.37 Hz
Characteristic outer ring frequency, BPF ₀	2.56 Hz
Characteristic inner ring frequency, BPF _I	4.44 Hz
Characteristic rolling element frequency, BSF	3.47 Hz