



Bearing No. 6900

D	22 mm
d	10 mm
B	6 mm
C	6 mm
f0	14
Bore	0.394 Inch 10 Millimeter
Noun	Bearing
Mass	0.009 kg
Da max	20 mm
UNSPSC	31171504
r min.	0,3 mm
rs min	0.3 mm
da max	13 mm
da min	12 mm
Weight	0,009 Kg
ra max	0.3 mm
Da max.	20 mm
ra max.	0,3 mm
da min.	12 mm
series:	69
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	10x22x6
Nlim (oil)	36,000 rpm
bore type:	Round
Width (mm)	6
Weight / LBS	0.02

maximum rpm:	36000 RPM
Nlim (grease)	30,000 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	10 mm
cage material:	Steel
fillet radius:	0.3 mm
overall width:	6 mm
Bearing number	6900
Dynamic load, C	2.7 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	1.27 kN
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	0.866 Inch 22 Millimeter
Long Description	10MM Bore; 22MM Outside Diameter; 6MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.236 Inch 6 Millimeter
outer ring width:	6 mm
inner ring width:	6 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	22 mm

Weight / Kilogram	0.009
precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	36000 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	10
Outer Diameter (mm)	22
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	30000 rpm
static load capacity:	1270 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	2700 N
Fatigue limit load, Cu	0.06 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	36 000 r/min
Manufacturer Item Number	6900
Internal Special Features	No
(Grease) Lubrication Speed	30 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	1,27 kN
Basic dynamic load rating (C)	2,7 kN
Max operating temperature, Tmax	120 °C
Min operating	-20 °C

temperature, Tmin	
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.4 Hz
Characteristic inner ring frequency, BPF1	5.39 Hz
Characteristic outer ring frequency, BPF0	3.61 Hz
Characteristic rolling element frequency, BSF	4.84 Hz