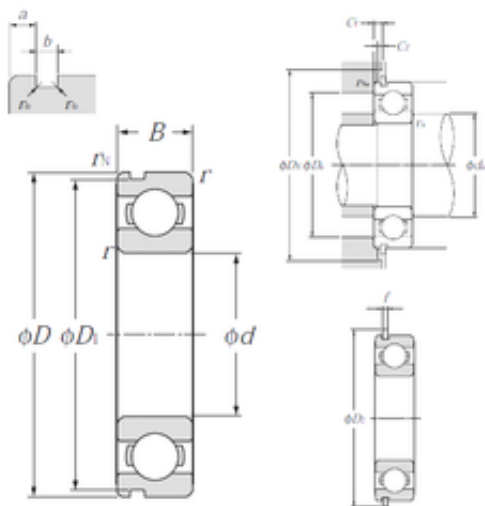




Bearing No. 6016NR

f	2,82 mm
d	80 mm
D	125 mm
B	22 mm
C	22 mm
a	2,87 mm
b	3,1 mm
D1	120,22 mm
D2	134,7 mm
Cy	5,3 mm
f0	15.6
Cz	2,9 mm
rn	0,5 mm
Dx	136,5 mm
Noun	Bearing
Bore	3.15 Inch 80 Millimeter
Mass	0.85 kg
b max	3.4 mm
b min	3.1 mm
a min	2.67 mm
a max	2.87 mm
r0 max	0.6 mm
D4 max	134.7 mm
Db min	136.5 mm
da min	86.5 mm
D3 max	120.22 mm
Da max	118.5 mm
rs min	1.1 mm
Ca max	5.69 mm
Ca min	5.49 mm

ra max	1 mm
UNSPSC	31171504
Weight	0,854 Kg
da max	91,5 mm
r min.	1,1 mm
rNa max	0.5 mm
r0 max.	0,6 mm
rNs min	0.5 mm
ra max.	1 mm
Da max.	118,5 mm
da min.	86,5 mm
Category	Single Row Ball Bearing
Size (mm)	80x125x22
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Nlim (oil)	6,200 rpm
bore type:	Round
Width (mm)	22
Weight / LBS	1.87
Product Group	B00308
Inch - Metric	Metric
Nlim (grease)	5,300 rpm
closure type:	Open
Cage Material	Steel
overall width:	22 mm
Keyword String	Ball
Bearing number	6016NR
bore diameter:	80 mm
cage material:	Steel
fillet radius:	1.1 mm
Static load, C0	40 kN

finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Dynamic load, C	47.5 kN
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	4.921 Inch 125 Millimeter
Outer Race Width	0.866 Inch 22 Millimeter
Long Description	80MM Bore; 125MM Outside Diameter; 22MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
outer ring width:	22 mm
bearing material:	High Carbon Chrome Steel
precision rating:	ISO Class 0
inner ring width:	22 mm
outside diameter:	125 mm
Weight / Kilogram	0.85
Manufacturer Name	NTN
Bore Diameter (mm)	80
Internal Clearance	C0-Medium
maximum rpm (oil):	6200 rpm
Outer Diameter (mm)	125
Snap ring reference	R125
snap ring included:	With Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	5300 rpm

static load capacity:	40000 N
Fatigue limit load, Cu	1.8 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	47500 N
Radial clearance class	CN
(Oil) Lubrication Speed	6 200 r/min
Manufacturer Item Number	6016NR
Internal Special Features	No
(Grease) Lubrication Speed	5 300 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	40 kN
Basic dynamic load rating (C)	47,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPFI	7.92 Hz
Characteristic outer ring frequency, BPF0	6.08 Hz
Characteristic rolling element frequency, BSF	7.46 Hz