

# NACHI NP 236 cylindrical roller bearings

With over 10170 full-service stores, our 70 Outer Diameter (mm) NACHI NP 236 cylindrical roller bearings inventory is extensive and our parts are priced right. within 24 hours. This helps you maximize your 180x70x40 Size (mm) productivity by saving time and your hard-earned dollars.

Size (mm)	180x70x40
Bore Diameter (mm)	180
Outer Diameter (mm)	70
Width (mm)	40
d	70 mm
D	180 mm
B	40 mm
d1	111.76 mm
d2	91.03 mm
D1	140.45 mm
a	74 mm
r1,2 – min.	3 mm
r3,4 – min.	3 mm
da – min.	84 mm
Da – max.	188 mm
Db – max.	144.5 mm
ra – max.	2 mm
rb – max.	2 mm
Basic dynamic load rating – C	159 kN
Basic static load rating – C0	127 kN

Fatigue load limit – Pu	4.8 kN
Reference speed	4500 r/min
Limiting speed	4800 r/min
Calculation factor – kr	0.1
Calculation factor – ka	1.6
Calculation factor – e	1.14
Calculation factor – X	0.35
Calculation factor – Y0	0.26
Calculation factor – Y1	0.55
Calculation factor – Y2	0.57
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.61
EAN	7316571273884
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3   ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal

Inch – Metric	Metric
Long Description	70MM Bore; 180MM Outside Diameter; 42MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of B
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer Item Number	7414 BGAM
Weight / LBS	12.346
Outside Diameter	7.087 Inch   180 Millimeter
Width	1.654 Inch   42 Millimeter
Bore	2.756 Inch   70 Millimeter
bore diameter:	70 mm
radial static load capacity:	127 kN
outside diameter:	180 mm
outer ring width:	42 mm
overall width:	42 mm
maximum rpm:	4800 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	2.5 mm
radial dynamic load capacity:	159 kN
series:	74
d1 ≈	111.76 mm
d2 ≈	91.03 mm

D1 ≈	140.45 mm
r1,2 min.	3 mm
r3,4 min.	3 mm
da min.	84 mm
Da max.	188 mm
Db max.	144.5 mm
ra max.	2 mm
rb max.	2 mm
Basic dynamic load rating C	159 kN
Basic static load rating C0	127 kN
Fatigue load limit Pu	4.8 kN
Calculation factor A	0.31
Calculation factor kr	0.1
Calculation factor e	1.14
Calculation factor X	0.57
Calculation factor Y0	0.52
Calculation factor Y2	0.93
Calculation factor Y1	0.55
Mass bearing	5 kg