

# NBS RNA 4914 needle roller bearings

NBS RNA 4914 needle roller bearings 240 Bore Diameter (mm) SEARCH – Whether it's agriculture or 240x160x38 Size (mm) construction equipment your working on, Has the 160 Outer Diameter (mm) you need.

Size (mm)	240x160x38
Bore Diameter (mm)	240
Outer Diameter (mm)	160
Width (mm)	38
d	160 mm
D	240 mm
B	38 mm
d1	184.7 mm
d2	184.7 mm
D1	215.3 mm
r1,2 – min.	2.1 mm
r3,4 – min.	1 mm
a	45.9 mm
da – min.	171 mm
db – min.	171 mm
Da – max.	229 mm
Db – max.	235 mm
ra – max.	2 mm
rb – max.	1 mm
dn	191.4 mm
Basic dynamic load rating – C	195 kN

Basic static load rating – C0	216 kN
Fatigue load limit – Pu	6.6 kN
Limiting speed for grease lubrication	5600 r/min
Limiting speed for oil lubrication	8500 mm/min
Ball – Dw	25.4 mm
Ball – z	22
Gref	66 cm <sup>3</sup>
Calculation factor – f0	15.8
Preload class A – GA	730 N
Preload class B – GB	1460 N
Preload class C – GC	2920 N
Preload class D – GD	5840 N
Calculation factor – f	1
Calculation factor – f2A	1
Calculation factor – f2B	1.02
Calculation factor – f2C	1.05
Calculation factor – f2D	1.09
Calculation factor – fHC	1
Preload class A	171 N/micron
Preload class B	233 N/micron
Preload class C	327 N/micron
Preload class D	472 N/micron
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.755
EAN	7316570644340
Product Group	B04270

Enclosure	Open
Precision Class	ABEC 7   ISO P4
Material – Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	15 Degree
Preload	None
Raceway Style	1 Rib Outer Ring
Cage Material	Phenolic
Rolling Element	Ball Bearing
Flush Ground	No
Inch – Metric	Metric
Other Features	Single Row   Angular Contact   High Precision
Long Description	160MM Bore; 240MM Outside Diameter; 38MM Width; Open Enclosure; ABEC 7   ISO P4 Precision; Steel Bal
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact Ball
Manufacturer Item Number	7032 CD/P4A
Weight / LBS	12.677
Width	1.496 Inch   38 Millimeter
Bore	6.299 Inch   160 Millimeter
Outside Diameter	9.449 Inch   240 Millimeter
r1,2 min.	2.1 mm

r <sub>3,4</sub> min.	1 mm
d <sub>a</sub> min.	171 mm
d <sub>b</sub> min.	171 mm
D <sub>a</sub> max.	229 mm
D <sub>b</sub> max.	235 mm
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	1 mm
Basic dynamic load rating C	195 kN
Basic static load rating C <sub>0</sub>	216 kN
Fatigue load limit P <sub>u</sub>	6.55 kN
Attainable speed for grease lubrication	5600 r/min
Attainable speed for oil-air lubrication	8500 r/min
Ball diameter D <sub>w</sub>	25.4 mm
Number of balls z	22
Reference grease quantity G <sub>ref</sub>	66 cm <sup>3</sup>
Preload class A G <sub>A</sub>	730 N
Static axial stiffness, preload class A	171 N/μm
Preload class B G <sub>B</sub>	1460 N
Static axial stiffness, preload class B	233 N/μm
Preload class C G <sub>C</sub>	2920 N
Static axial stiffness, preload class C	327 N/μm
Preload class D G <sub>D</sub>	5840 N
Static axial stiffness, preload class D	472 N/μm
Calculation factor f	1.16

Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.02
Calculation factor f2C	1.05
Calculation factor f2D	1.09
Calculation factor fHC	1
Calculation factor f0	15.8
Mass bearing	5.15 kg