

NTN BK4516 needle roller bearings

Our highly-skilled and factory-trained service 200x110x53 Size (mm) experts have the resources to help you with all your NTN BK4516 needle roller bearings needs 110 Outer Diameter (mm) – including routine maintenance, major repairs, warranty service, and equipment inspections.

Size (mm)	200x110x53
Bore Diameter (mm)	200
Outer Diameter (mm)	110
Width (mm)	53
d	110 mm
D	200 mm
B	53 mm
d1	141 mm
D1	172.5 mm
F	132.5 mm
r1,2 – min.	2.1 mm
r3,4 – min.	2.1 mm
da – min.	122 mm
db – min.	144 mm
Da – max.	187 mm
ra – max.	2 mm
Basic dynamic load rating – C	440 kN
Basic static load rating – C0	520 kN
Fatigue load limit – Pu	61 kN
Reference speed	3600 r/min

Limiting speed	4000 r/min
Calculation factor – kr	0.2
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	7.072
EAN	7316577031402
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	No
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch – Metric	Metric
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	110MM Bore; Straight Bore Profile; 200MM Outside Diameter; 53MM Width; Polymer Cage Material; RBEC
UNSPSC	31171547

Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer Item Number	NUP 2222 ECP
Weight / LBS	15.578
Width	2.087 Inch 53 Millimeter
Bore	4.331 Inch 110 Millimeter
Outside Diameter	7.874 Inch 200 Millimeter
bore diameter:	110 mm
static load capacity:	520 kN
outside diameter:	200 mm
maximum rpm:	4000 rpm
overall width:	53 mm
bearing material:	Steel
flanges:	(2) Flanges on outer Ring, Flangeless Inner Ring
cage material:	Polyamide
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
operating temperature range:	Maximum 302 °F
series:	NUP
dynamic load capacity:	440 kN
manufacturer upc number:	7316577031402
d1 ≈	141 mm
D1 ≈	172.5 mm
r1,2 min.	2.1 mm
r3,4 min.	2.1 mm
da min.	122 mm

db min.	144 mm
Da max.	187 mm
ra max.	2 mm
Basic dynamic load rating C	440 kN
Basic static load rating C0	520 kN
Fatigue load limit Pu	61 kN
Calculation factor kr	0.2
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	6.98 kg