

NTN GK90X103X22 needle roller bearings

What are the dimensions of a NTN GK90X103X22 needle roller bearings? 47x20x40 Size (mm) 47 Bore Diameter (mm) Manufacturing Service . Get Your Free, Instant Quote

Size (mm)	47x20x40
Bore Diameter (mm)	47
Outer Diameter (mm)	20
Width (mm)	40
d	20 mm
D	47 mm
B	40 mm
C	14 mm
d1	28.88 mm
D1	40 mm
r1,2 – min.	1 mm
Da – max.	41.4 mm
ra – max.	1 mm
Basic dynamic load rating – C	12.7 kN
Basic static load rating – C0	3.4 kN
Fatigue load limit – Pu	0.18 kN
Limiting speed	9000 r/min
Calculation factor – kr	0.04
Calculation factor – e	0.3
Calculation factor – Y0	2.2
Calculation factor – Y1	2.1
Calculation factor – Y2	3.3

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.55
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Polyamide
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 2.5 Deg Extended Inner Ring
Long Description	20MM Bore; Shaft Mount; 47MM Outside Diameter; 40MM Inner Race Width; 14MM Outer Race Width; Open; P
Inch – Metric	Metric
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Outer Race Width	0.551 Inch 14 Millimeter
Bore	0.787 Inch 20 Millimeter
Inner Race Width	1.575 Inch 40 Millimeter
Outside Diameter	1.85 Inch 47 Millimeter
d1 ≈	28.88 mm
D1 ≈	40 mm
r1,2 min.	1 mm

Da max.	41.4 mm
ra max.	1 mm
Basic dynamic load rating C	12.7 kN
Basic static load rating C0	3.4 kN
Fatigue load limit Pu	0.18 kN
Reference speed	22000 r/min
Permissible angular misalignment α	2.5 °
Calculation factor kr	0.04
Calculation factor e	0.3
Calculation factor Y0	2.2
Calculation factor Y1	2.1
Calculation factor Y2	3.3
Mass bearing	0.18 kg