

# Timken NKJ22/16 needle roller bearings

Browse 45 Outer Diameter (mm) Timken NKJ22/16 needle roller bearings Categories in the Manufacturers Online Free. 85x45x23 Size (mm) including . 85 Bore Diameter (mm)

Size (mm)	85x45x23
Bore Diameter (mm)	85
Outer Diameter (mm)	45
Width (mm)	23
d	45 mm
D	85 mm
B	23 mm
d1	55.32 mm
D1	73.2 mm
r1,2 – min.	1.1 mm
Da – max.	78 mm
ra – max.	1.1 mm
Basic dynamic load rating – C	32.5 kN
Basic static load rating – C0	10.6 kN
Fatigue load limit – Pu	0.54 kN
Reference speed	15000 r/min
Limiting speed	10000 r/min
Calculation factor – kr	0.045
Calculation factor – e	0.26
Calculation factor – Y0	2.5
Calculation factor – Y1	2.4
Calculation factor – Y2	3.7

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.548
EAN	7316576620553
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-309
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   High Capacity Design   1:12 Taper
Long Description	45MM Bore; Tapered Adapter Mount; 85MM Outside Diameter; 23MM Inner Race Width; 23MM Outer Race Width
Inch – Metric	Metric
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer Item Number	2209 EKTN9
Weight / LBS	1.213
Outside Diameter	3.346 Inch   85 Millimeter

Inner Race Width	0.906 Inch   23 Millimeter
Bore	1.772 Inch   45 Millimeter
Outer Race Width	0.906 Inch   23 Millimeter
bore diameter:	45 mm
precision rating:	Not Rated
outside diameter:	85 mm
maximum rpm:	10000 RPM
overall width:	23 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Tapered 1:12
finish/coating:	Uncoated
closure type:	Open
maximum misalignment:	2.5 °
internal clearance:	C0
outer ring width:	23 mm
dynamic load capacity:	32.5 kN
fillet radius:	1.1 mm
static load capacity:	10.6 kN
series:	2200
d1 ≈	55.32 mm
D1 ≈	73.2 mm
r1,2 min.	1.1 mm
Da max.	78 mm
ra max.	1.1 mm
Basic dynamic load rating C	32.5 kN
Basic static load rating C0	10.6 kN
Fatigue load limit Pu	0.54 kN
Permissible angular misalignment α	2.5 °

Calculation factor $k_r$	0.045
Calculation factor $e$	0.26
Calculation factor $Y_0$	2.5
Calculation factor $Y_1$	2.4
Calculation factor $Y_2$	3.7
Mass bearing	0.55 kg