

# NTN

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## LM274449D/LM274410/LM274410D tapered roller bearings

NTN E-LM274449D/LM274410/LM274410D tapered roller bearings manufacturer and 50 Outer Diameter (mm) global supplier of reliable 110x50x27 Size (mm) ball and 110 Bore Diameter (mm) roller ... NTN E-LM274449D/LM274410/LM274410D tapered roller bearings Industries Products Manufacturing & Engineering and Agricultural Bearings designed to meet the unique requirements of our targeted industries.

Size (mm)	110x50x27
Bore Diameter (mm)	110
Outer Diameter (mm)	50
Width (mm)	27
d	50 mm
D	110 mm
B	27 mm
d1	70.3 mm
D1	92.6 mm
r1,2 – min.	2 mm
Da – max.	99 mm
ra – max.	2 mm
Basic dynamic load rating – C	43.6 kN
Basic static load rating – C0	14 kN
Fatigue load limit – Pu	0.72 kN
Reference speed	12000 r/min
Limiting speed	8000 r/min

Calculation factor – kr	0.04
Calculation factor – e	0.24
Calculation factor – Y0	2.8
Calculation factor – Y1	2.6
Calculation factor – Y2	4.1
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.197
EAN	7316576625015
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-310
Cage Material	Polyamide
Precision Class	ABEC 1   ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg   High Capacity Design   1:12 Taper
Long Description	50MM Bore; Tapered Adapter Mount; 110MM Outside Diameter; 27MM Inner Race Width; 27MM Outer Race Wid
Inch – Metric	Metric
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing

Keyword String	Self Aligning
Manufacturer Item Number	1310 EKTN9
Weight / LBS	2.646
Outside Diameter	4.331 Inch   110 Millimeter
Outer Race Width	1.063 Inch   27 Millimeter
Bore	1.969 Inch   50 Millimeter
Inner Race Width	1.063 Inch   27 Millimeter
bore diameter:	50 mm
precision rating:	Not Rated
outside diameter:	110 mm
maximum rpm:	8000 RPM
overall width:	27 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Tapered 1:12
finish/coating:	Uncoated
closure type:	Open
maximum misalignment:	3 °
internal clearance:	C0
outer ring width:	27 mm
dynamic load capacity:	43.6 kN
fillet radius:	2 mm
static load capacity:	14 kN
series:	1300
d1 ≈	70.3 mm
D1 ≈	92.6 mm
r1,2 min.	2 mm
Da max.	99 mm

ra max.	2 mm
Basic dynamic load rating C	43.6 kN
Basic static load rating C0	14 kN
Fatigue load limit Pu	0.72 kN
Permissible angular misalignment $\alpha$	3 °
Calculation factor kr	0.04
Calculation factor e	0.24
Calculation factor Y0	2.8
Calculation factor Y1	2.6
Calculation factor Y2	4.1
Mass bearing	1.2 kg