

# NACHI 24072EK30 cylindrical roller bearings

What are the dimensions 110x50x27 Size (mm) of a NACHI 24072EK30 cylindrical roller bearings? 50 Outer Diameter (mm) Manufacturing 110 Bore Diameter (mm) Service . Get Your Free, Instant Quote

Size (mm)	110x50x27
Bore Diameter (mm)	110
Outer Diameter (mm)	50
Width (mm)	27
d	50 mm
D	110 mm
B	27 mm
d1	73.8 mm
d2	61.13 mm
D1	88.8 mm
a	47 mm
r1,2 – min.	2 mm
r3,4 – min.	1 mm
da – min.	61 mm
Da – max.	99 mm
Db – max.	104 mm
ra – max.	2 mm
rb – max.	1 mm
Basic dynamic load rating – C	74.1 kN
Basic static load rating – C0	51 kN
Fatigue load limit – Pu	2.2 kN

Reference speed	7500 r/min
Limiting speed	7500 r/min
Calculation factor – kr	0.1
Calculation factor – ka	1.6
Calculation factor – e	1.14
Calculation factor – X	0.35
Calculation factor – Y0	0.26
Calculation factor – Y1	0.55
Calculation factor – Y2	0.57
Inventory	44.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.13
EAN	7316576650659
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3   ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch – Metric	Metric

Long Description	50MM Bore; 110MM Outside Diameter; 27MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of B
Other Features	Normal Axial Internal Clearance
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer Item Number	7310 BECBY
Weight / LBS	2.486
Width	1.063 Inch   27 Millimeter
Bore	1.969 Inch   50 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
bore diameter:	50 mm
radial static load capacity:	51 kN
outside diameter:	110 mm
cage material:	Brass
overall width:	27 mm
outer ring width:	27 mm
contact angle:	40 °
maximum rpm:	7500 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 3 (ISO Class 6)
closure type:	Open
fillet radius:	2 mm
radial dynamic load capacity:	74.1 kN

series:	73
d1 ≈	73.8 mm
d2 ≈	61.13 mm
D1 ≈	88.8 mm
r1,2 min.	2 mm
r3,4 min.	1 mm
da min.	61 mm
Da max.	99 mm
Db max.	104 mm
ra max.	2 mm
rb max.	1 mm
Basic dynamic load rating C	78 kN
Basic static load rating C0	56 kN
Fatigue load limit Pu	2.36 kN
Calculation factor A	0.0456
Calculation factor kr	0.1
Calculation factor e	1.14
Calculation factor X	0.57
Calculation factor Y0	0.52
Calculation factor Y2	0.93
Calculation factor Y1	0.55
Mass bearing	1.13 kg