

# 24122CK30E4 NSK 110x180x69mm ALPHA\_0.234 Spherical roller bearings

Bearing number	24122CK30E4
Size (mm)	110x180x69
Brand	NSK
Bore Diameter (mm)	110
Outer Diameter (mm)	180
Width (mm)	69
d	110 mm
D	180 mm
B	69 mm
C	69 mm
r min.	2 mm
d <sub>a</sub> min.	120 mm
d <sub>a</sub> max.	122 mm
D <sub>a</sub> min.	154 mm
D <sub>a</sub> max.	170 mm
r <sub>a</sub> max.	2 mm
Weight	6.84 Kg
Basic dynamic load rating (C)	460 kN
Basic static load rating (C <sub>0</sub> )	750 kN
(Grease) Lubrication Speed	1600 r/min
(Oil) Lubrication Speed	2000 r/min
Calculation factor (a <sub>1</sub> )	0.36
Calculation factor (a <sub>2</sub> )	1.8
Calculation factor (a <sub>3</sub> )	2.8
Category	Spherical Roller Bearings
BOM Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	6.7
SKU	00201706300
Product Group - ID	004111
Internal Clearance	CO-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Retractable	Yes
Withdrawal Sleeve	AM04122 (Specify bore)
Unit - Metric	Metric
Long Description	110mm Tapered Bore; 180mm Outside Diameter; 69mm Width; CO-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Lubricatable
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category - BOM	Spherical Roller Bearing
UPC	311110
Harmonized Tariff Code	84029000
Material	Steel
Keyword String	Spherical
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	24122CK30E4
Weight / LBS	68.0
Width	2.717 Inch   69 Millimeter
Bore	4.331 Inch   110 Millimeter
Outside Diameter	7.087 Inch   180 Millimeter
YS	1.0
YSD	24122CK30E4
LangID	1
Y1	1.8
D <sub>a</sub>	180
Y2	2.8
Y3	6
Y4	69
URL	<a href="https://service.usb2cad.co.jp/pom/maker_login.php?maker=NSK_&amp;language=j&amp;info=sk_r/roller_bearings/spherical_rb/tapered_bore_usab_prj&amp;srst=(STAB-1).(0020-24122CK30E4).(0-10).(0-49.0).(0-2.0).(01-460000).(001-750000).(1-2000).(LM-1).(LG-1600).(LD-2000).(DA1-120).(DA2-123).(DA3-170).(DA4-154).(DA-2.0).(E-0.36).(Y-2.8).(Y-1.0).(Y-1.0).(Y-0.0-0.84)">https://service.usb2cad.co.jp/pom/maker_login.php?maker=NSK_&amp;language=j&amp;info=sk_r/roller_bearings/spherical_rb/tapered_bore_usab_prj&amp;srst=(STAB-1).(0020-24122CK30E4).(0-10).(0-49.0).(0-2.0).(01-460000).(001-750000).(1-2000).(LM-1).(LG-1600).(LD-2000).(DA1-120).(DA2-123).(DA3-170).(DA4-154).(DA-2.0).(E-0.36).(Y-2.8).(Y-1.0).(Y-1.0).(Y-0.0-0.84)</a>
da min	120
da max	122
d	110
D	180
B	69
C	69
r min.	2
r max.	2
ra min	2
ra max	2
rs min	2
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