

21311EAE4 NSK LangID 1 55x120x29mm Spherical roller bearings

Bearing number	21311EAE4
Size (mm)	55x120x29
Brand	NSK
Bore Diameter (mm)	55
Outer Diameter (mm)	120
Width (mm)	29
d	55 mm
D	120 mm
B	29 mm
C	29 mm
r min.	2 mm
da min.	65 mm
da max.	72 mm
Da min.	67 mm
Da max.	110 mm
ra max.	2 mm
Weight	1.58 kg
Basic dynamic load rating (C)	142 kN
Basic static load rating (C0)	174 kN
(G1) Grease Lubrication Speed	4300 r/min
(G1) Oil Lubrication Speed	5300 r/min
Calculation factor (e)	0.23
Calculation factor (f0)	2.9
Calculation factor (f1)	4.4
Category	Spherical Roller Bearings
ISO Inventory	8-0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	1.65
EAN	890217618997
Product Group - BEI	804311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Shielded/Sleeve	Not Applicable
Inch - Metric	Metric
Long Description	5300 Straight Bore; 120mm Outside Diameter; 29mm Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category - BEI	Spherical Roller Bearing
UNSC	311110
Harmonized Tariff Code	84823000
NSN	62500000
Keyword String	Bearing Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	21311EAE4
Weight / LBS	1.65
Bore	2.165 Inch 55 Millimeter
Outside Diameter	4.724 Inch 120 Millimeter
Width	1.142 Inch 29 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Bore diameter maximum rpm	15
outside diameter	5600 RPM
operating temperature range	120 mm
overall width	Maximum of -200 °C
cage material	29 mm
bore type	Steel
bearing material	Straight
outer ring type	Steel
cage type	Not Split
internal clearance	Inner Ring Guided
precision rating	C0
closure type	BBEC 1 (ISO Class Normal)
finish/coating	Open
lubrication hole type	Uncoated
outer ring width	Lubrication Groove & Hole
dynamic load capacity	29 mm
fillet radius	17000 N
static load capacity	2 mm
surface	17000 N
Y1	213
ISO	3
LangID	21311EAE4
Y2	1
Y3	3
Y4	120
Y5	4.4
Mach rps	8000
W	29
C0	https://service.us22ad.co.jp/psm/maker_login.php?maker=NSK&lang=en&informat=rb/roller_bearings/spherical_rb/cylindrical_bore_wmh&prjserver=(5376)MPS,(000E)21311EAE4,(D)15,(D)120,(B)29.8,(B)2.9,(C)3-170000,(C)3-170000,(L)1-5300,(L)4-5000,(L)6-5000,(D)1-45,(D)2-72.000,(D)3-110,(D)4-98,(M)2.0,(E)4-23,(F)2-4,(F)3-8,(F)2-3,(M)51-33
da min	65
d1 rpm	5000
Y0	2.9
M0	1.58
C0 rpm	4300
ra	2
T08 rpm	5300
C0	275
DE	99.856
Y0	1
Prod Type3	SRB,CYS,CS
X1	1
X2	6.07
S01	10.1
e	0.23
DA	53.50
item	21311EAE4
Z	10
ALP2	38
ALP1	8
ALP3	0
D_u max	110
D_u min	67
y0d1	21311EAE4
MPS	MPS
ALPMA	0.131
S0L	66.983
r	2
SRBC	2138
SRIC	1
DS	74.111
calcURL	/Bear-IngGuide/Item/Calculation.jsp