

21311EAKE4 NSK 55x120x29mm C0 174 Spherical roller bearings

Bearing number	21311EAKE4
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.	86 mm
Da max.	118 mm
ra max.	2 mm
Height	1.58 kg
Basic dynamic load rating (C)	142 kN
Basic static load rating (C0)	174 kN
(Grease) Lubrication Speed	4300 r/min
(Oil) Lubrication Speed	5300 r/min
Calculation factor (e)	0.23
Calculation factor (f0)	2.0
Calculation factor (f2)	4.0
Category	Spherical Roller Bearings
B21 Inventory	0.0
Manufacturer Name	NSK
Maximum Boy Quantity	N/A
Weight / Kilogram	1.61
SKU	602131610718
Product Group - B21	04311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Balls	Double Row
Relubricatable	Yes
Withdrawal Sleeve	A011 (Specify bore)
Inch - Metric	Metric
Long Description	59MM Tapered Bore; 120MM Outside Diameter; 29MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Number - H311 (Specify bore)
Other Features	Order adapter or withdrawal sleeve or not separately. Others may be available
Category - B21	Spherical Roller Bearing
UN383	3121200
Harmonized Tariff Code	84823000
Unit	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	21311EAKE4
Weight / LBS	0
Width	1.142 Inch 29 Millimeter
Adapter Part Number	S0611 H311 H311 HE311 (Specify Bore) Inch H311 (Specify bore) Millimeter
Outside Diameter	4.724 Inch 120 Millimeter
Bore	2.165 Inch 55 Millimeter
bore diameter:	55 mm
maximum type:	59MM Bore
outside diameter:	120 mm
operating temperature range:	Maximum of +200 °C
overall width:	29 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	BBC 1 (ISO Class Normal)
closure type:	Open
finish/condition:	Uncoated
Lubrication hole type:	Lubrication Groove & Hole
outer ring width:	29 mm
dynamic load capacity:	178000 N
fillet radius:	2 mm
static load capacity:	174000 N
series:	213
YS	2
hdf008	21311EAKE4
LengthD	1
r1	2.0
r2	120
Y2	4.0
Metric rpm	3000
R	29
CAD	{DIR=21311EAKE4} {D=55} {D=120} {B=29.0} {B=2.0} {C0=178000} {C0=174000} {L=1300} {L=590} {L0=560} {DA=45} {DA=72} {DA=110} {DA4=60} {DA=2.0} {E=0.23} {F2=4.0} {F3=3.0} {F0=2.0} {M=55-1.50}
da_min	65
dxf008	ecot MCS9M
G11 rpm	5600
YS	2.0
max	1.58
G85 rpm	4500
ra	2
ISO rpm	3300
C0	174
DE	09.356
XS	2
Prod_Type3	S06_C0_19
X1	1
X2	0.47
SR	10.3
e	0.23
DA	15.41
base	21311EAKE4
Z	19
ALP2	98
ALP1	8
ALP3	0
D_a_max	118
D_a_min	86
ybc1	21311EAKE4
HPS	HPS
ALPM	0.233
SD	66.363
F	2
HBC	2320
SBc	3
DE	04.111
calcURL	/bearing/da/html/calculation.jsp