



Tapered Bore

Bearing No. 21311EAKE4

e	0.23
d	55 mm
B	29 mm
D	120 mm
C	29 mm
r	2
Y2	4.4
D_	120
Y1	2.9
Z_	19
B_	29
Y0	2.9
ra	2
C0	174
X0	1
X1	1
X2	0.67
Y3	3
DI_	74.111
DA_	13.02
HPS	HPS
SIR	10.3
DE_	99.856
mass	1.58
ALP3	0
ALP1	8
ALP2	38
SDM_	86.983
bomp	21311EAKE4
yobi	21311EAKE4

SBRG	3
KBRG	2328
Noun	Bearing
Bore	2.165 Inch 55 Millimeter
Width	1.142 Inch 29 Millimeter
ALPHA_	0.151
Da min	98 mm
UNSPSC	31171510
da min	65
Weight	1,58 Kg
r min.	2 mm
LangID	1
da max	72 mm
da min.	65 mm
Oil rpm	5600
GRS rpm	4500
hidYobi	21311EAKE4
TSR rpm	5300
series:	213
D_a min	98
Da max.	110 mm
D_a max	110
ra max.	2 mm
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	55x120x29
Inventory	0.0
Enclosure	Open
Macha rpm	8000
bore type:	Tapered 1:12
cage type:	Inner Ring Guided

Width (mm)	29
Prod_Type3	SRB_CTB_TB
maximum rpm:	5600 RPM
Bore Profile	Tapered
Weight / LBS	0
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	21311EAKE4
overall width:	29 mm
cage material:	Steel
Relubricatable	Yes
fillet radius:	2 mm
Keyword String	Spherical
bore diameter:	55 mm
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Mounting Method	Adapter Mount
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
outer ring type:	Not Split
Long Description	55MM 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 Nu
Outside Diameter	4.724 Inch 120

	Millimeter
Manufacturer URL	http://www.nskamericas.com
outside diameter:	120 mm
Manufacturer Name	NSK
outer ring width:	29 mm
Withdrawal Sleeve	AH311 (Specify bore)
Weight / Kilogram	1.61
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
Internal Clearance	C0-Medium
Bore Diameter (mm)	55
Adapter Part Number	SNW11 H311 HA311 HE311 (Specify Bore) Inch H311 (Specify bore) Millimeter
Outer Diameter (mm)	120
internal clearance:	C0
Minimum Buy Quantity	N/A
static load capacity:	174000 N
dynamic load capacity:	178000 N
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
Calculation factor (e)	0,23
Calculation factor (Y2)	4,4
Calculation factor (Y0)	2,9
(Oil) Lubrication Speed	5300 r/min
Manufacturer Item Number	21311EAKE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication Speed	4300 r/min

operating temperature range:	Maximum of +200 °C
Basic static load rating (C0)	174 kN
Basic dynamic load rating (C)	142 kN