22213EAKE4 NSK r 1.5 65x120x31mm Spherical roller bearings

Bearing number	22213EAKE4
Size (mm)	65x120x31
Brand	NSK
Bore Diameter (mm)	65
Outer Diameter (mm)	120
Width (mm)	31
d	65 mm
D	120 mm
B	31 mm
C	31 mm
r min.	1.5 mm
da min.	74 mm
da max	80 mm
Da min	107 mm
Da max.	111 mm
ra max.	1.5 mm
Weight	1.51 Kg
Basic dynamic load rating (C)	177 kN
Basic static load rating (C0)	230 kN
(Grease) Lubrication Speed	3800 r/min
(Oil) Lubrication Speed	4800 r/min
Calculation factor (e)	0.24
Calculation factor (Y0)	2.7
Calculation factor (Y2)	4.2
Category	Spherical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	1.5
EAN	0029176411199
Product Group – BDI	804311
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 Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AH313 (Specify bore)
Inch – Metric	Metric
Long Description	65MM Tapered Bore; 120MM Outside Diameter; 31MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Number – H313 (Specify bore)
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category – BDI	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	8482.3080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	22213EAKE4
Weight / LBS	1.5
Adapter Part Number	SNW13 H313 HA313 HE313 (Specify Bore) Inch | H313 (Specify bore) Millimeter
Width	1.22 Inch | 31 Millimeter
Bore	2.559 Inch | 65 Millimeter
Outside Diameter	4.724 Inch | 120 Millimeter
bore diameter:	65 mm
maximum rpm:	5300 RPM
outside diameter:	120 mm
operating temperature range:	Maximum of +200 °C
overall width:	31 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:	RBEC 1 (ISO Class Normal)
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	31 mm
dynamic load capacity:	221000 N
fillet radius:	1.5 mm
static load capacity:	230000 N
series:	222
Y3	2.8
hidYobi	22213EAKE4
LangID	1
Y1	2.7
D_	120
Y2	4.2
Macha rpm	7500
B_	31
CAD	https://service.web2cad.co.jp/pcom/maker_login.php?Maker=NSK_RB&language=j&&info=nsk_rb/roller_bearings/spherical_rb/tapered_bore_asmtab.prj&varset={STAN=HPS}.{ORDER=22213EAKE4}.{SD=65}.{D=120}.{B=31.0}.{R=1.5}.{CR1=221000}.{C0R1=230000}.{LT=4800}.{LM=7500}.{LG=4300}.{LD=5300}.{DA1=74}.{DA2=80}.{DA3=111}.{DA4=107}.{RA=1.5}.{E=0.24}.{Y2=4.2}.{Y3=2.8}.{Y0=2.7}.{MASS=1.51}
da min	74
hidTable	wcat_MSSPMR
Oil rpm	5300
Y0	2.7
mass	1.51
GRS rpm	4300
ra	1.5
TSR rpm	4800
C0	230
DE_	108.987
XB	1
Prod_Type3	SRB_CTB_TB
X1	1
X2	0.67
SIR	12.18
e	0.24
DA_	13.55
bomp	22213EAKE4
Z_	28
ALP2	7
ALP1	9
ALP3	0
D_a max	111
D_a min	107
yobi	22213EAKE4
HPS	HPS
ALPHA	0.159
SDM_	95.528
r	1.5
KBRG	2328
SBRG	22
DI_	82.149
calcUrl	/BearingGuide/html/calculation.jsp