

22213EAKE4 NSK r 1.5

65x120x31mm Spherical roller bearings

Bearing number	22213EAKE4
ISO code	6013H31
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.	187 mm
Da max.	193 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 (a)	0.24
Calculation factor (f0)	2.7
Calculation factor (Y2)	4.2
Category	Spherical Roller Bearings
ISO Dimension	65
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	1.5
EAN	8029176411399
Product Group - BCI	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
Rehrollable	Yes
Withdrawable Slant	M313 (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; Adapter Part Number - H313 (Specify bore)
Other Features	Order adapter or withdraw slant or not separately. Others may be available
Category - BCI	Spherical Roller Bearing
UNSPSC	31171030
Harmonized Tariff Code	84823000
Item	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	22213EAKE4
Weight / LBS	1.5
Adapter Part Number	M313 H313 H313 (Specify bore) Inch H313 (Specify bore) Millimeter
Bore	2.559 Inch 65 Millimeter
Outer Diameter	4.724 Inch 120 Millimeter
Bore diameter:	65 mm
max bore rpm:	5100 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:	ABEC 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
Y1	2.7
Y2	4.2
Mecha rpm	7500
Q	11
CD	 https://service.umb2cad.co.jp/pccc/maker_login.php?maker=NSK_RBS&language=en&info=en&rb/roller_bearings/spherical_rb/tapered_bore_adapter_projects/(STAN-HPS)/(CODER-22213EAKE4)/(0D=05)/(0D=120)/(0B=31.0)/(0B=1.5)/(CR0=2210000)/(CR1=2300000)/(L1=4000)/(LM=7500)/(LG=4300)/(LD=5300)/(DA1=74)/(DA2=80)/(DA3=111)/(DA4=107)/(0M=1.5)/(0M=2.0)/(Y2=4.2)/(Y2=8)/(Y2=7.3)/(M313-1313)
da min	74
da max	80
G1 rpm	5100
Y0	2.7
max	1.51
G0 rpm	4100
ra	1.5
TK rpm	4000
CD	230
DE...	188.987
SA	7
Prod Type3	SR6_C0_78
X1	1
X2	0.67
SER	12_18
e	0.24
DA...	13.55
homo	22213EAKE4
Z...	20
ALP0	7
ALP1	8
ALP2	0
D_a max	111
D_a min	187
MPS	22213EAKE4
MPS	MPS
ALP0A	0.550
SR...	65_318
r	1.5
K080	2320
DRG	22
DE...	82.140
calcD1	/bearingload.htm/calculation.jsp