21314EAE4 NSK bomp 21314EAE4 70x150x35mm Spherical roller bearings

Bearing number	21314EAE4
Size (mm)	70x150x35
Brand	NSK
Bore Diameter (mm)	70
Outer Diameter (mm)	150
Width (mm)	35
d	70 mm
D	150 mm
B	35 mm
C	35 mm
r min.	2.1 mm
da min.	82 mm
da max	101 mm
Da min	135 mm
Da max.	138 mm
ra max.	2 mm
Weight	3 Kg
Basic dynamic load rating (C)	250 kN
Basic static load rating (C0)	325 kN
(Grease) Lubrication Speed	3000 r/min
(Oil) Lubrication Speed	3800 r/min
Calculation factor (e)	0.22
Calculation factor (Y0)	3
Calculation factor (Y2)	4.6
Category	Spherical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	3.15
EAN	0029176410819
Product Group – BDI	B04311
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
Withdrawal Sleeve	Not Applicable
Inch – Metric	Metric
Long Description	70MM Straight Bore; 150MM Outside Diameter; 35MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category – BDI	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	8482.10.80
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	21314EAE4
Weight / LBS	3.1
Bore	2.756 Inch | 70 Millimeter
Width	1.378 Inch | 35 Millimeter
Outside Diameter	5.906 Inch | 150 Millimeter
Adapter Part Number	Not Applicable Inch | Not Applicable Millimeter
cage type:	Roller Guided
bore diameter:	70 mm
maximum rpm:	4000 RPM
outside diameter:	150 mm
operating temperature range:	Maximum of +200 °C
overall width:	35 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
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:	35 mm
dynamic load capacity:	310000 N
fillet radius:	2.1 mm
static load capacity:	325000 N
series:	213
Y3	3.1
hidTbbi	21314EAE4
LangID	1
Y1	3.1
D_	150
Y2	4.6
Macha rpm	5600
B_	35
CAD	https://service.web2cad.co.jp/pcom/maker_login.php?Maker=NSK_RB&language=ja&info=nsk_rb/roller_bearings/spherical_rb/cylindrical_bore_asmtab.prj&varset={STAN=MPS}.{ORDER=21314EAE4}.{SD=70}.{DS=150}.{B=35.0}.{R=2.1}.{CR1=310000}.{COR1=325000}.{LT=4300}.{LM=5600}.{LG=3200}.{LO=4800}.{DA1=82}.{DA2=101.000}.{DA3=138}.{DA4=135}.{RA=2.0}.{E=0.22}.{Y2=4.6}.{Y3=3.1}.{Y0=3.0}.{MAS5=3.00}
da min	82
hidTable	ecat_MSSPMR
Oil rpm	4000
Y0	3
mass	3
GRS rpm	3200
ra	2
TSR rpm	4300
C0	325
DI_	137.026
X0	1
Prod_Type3	SRB_CTB_CB
X1	1
X2	0.67
SIR	13.89
e	0.22
DA_	17.24
bomp	21314EAE4
I_	20
ALP2	22
ALP1	8
ALP3	0
D_a max	138
D_a min	135
yobi	21314EAE4
HPS	HPS
ALPHA_	0.146
SDM_	119.969
r	2.1
KBRG	2328
SBRG	3
DI_	102.913
calcUrl	/BearingGuide/html/calculation.jsp