

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 min.	181 mm
Da max.	150 mm
Da min.	150 mm
ra max.	2 mm
Weight	3 kg
Basic dynamic load rating (C)	250 kN
Basic static load rating (C0)	325 kN
Lubrication Speed (Grease)	3000 r/min
Lubrication Speed (Oil)	3000 r/min
Calculation factor (f1)	0.22
Calculation factor (f2)	3
Calculation factor (f3)	4.4
Category	Spherical Roller Bearings
ISO Inventory	0-0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	3.15
Product Group - NSI	002017640819
Internal Clearance	CO-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
Withstand Sleeve	Not Applicable
Inch - Metric	Metric
Temp Description	7000 Straight Bore; 15000 Outside Diameter; 3000 Width; CO-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category - NSI	Spherical Roller Bearing
UNSC	3171510
Normalized Tactic Code	04020000
NSM	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	21314EAE4
Weight / LBS	3.15
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 taper:	Straight
bearing material:	Steel
outer ring type:	Not Split
internal clearance:	CO
precision rating:	P0EC 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
TS	3.1
ISO	21314EAE4
LangID	1
TS	3.1
D	150
W	4.0
Metric rpm	5000
R	35
CAD	https://service.omega.com/maker_login.php?maker=NSK&URLlanguage=en&skinformat=rb/roller_bearings/spherical_rh/cylindrical_bore_metal_b_r_bearset-15TAB-HP3-(0000P-21314EAE4)-(0-150)-(0-35)-(0-2.1)-(C0-110000)-(C00-325000)-(L1-4000)-(LH-5000)-(LG-2200)-(LD-4000)-(DA1-02)-(DA2-101.000)-(DA3-150)-(DA4-135)-(DA-2.0)-(E-0.22)-(Y2-4.0)-(Y3-3.1)-(Y9-3.0)-(Y955-3.00)
da min	82
ISO Table	omega_NCS9H
D11 rpm	4000
TS	3
max	3
URS rpm	3200
ra	2
ISO rpm	4000
CO	325
OS	137.026
NS	3.1
Prod Type3	SRB_C10_CO
RS	0
X2	0.47
SIR	13.99
r	0.22
RA	17.04
bomp	21314EAE4
Z	20
ALP1	22
ALP1	0
ALP1	0
D_a max	150
D_a min	135
YMS	21314EAE4
SPS	SPS
ALPHA	0.146
SPH	119.909
F	2.1
K9G	2130
SPG	3
SI	302.913
calc01	/bearingguide/html/calculation.jsp