

21312EAE4 NSK 60x130x31mm SBRG 3 Spherical roller bearings

Bearing number	21312EAE4
Size (mm)	60x130x31
Brand	NSK
Bore Diameter (mm)	60
Outer Diameter (mm)	130
Width (mm)	31
d	60 mm
D	130 mm
B	31 mm
C	31 mm
r min.	2.1 mm
da min.	72 mm
da max.	87 mm
Da min.	117 mm
Da max.	130 mm
ra max.	2 mm
Weight	1.98 Kg
Basic dynamic load rating (C)	190 kN
Basic static load rating (C0)	244 kN
(Grease) Lubrication Speed	3400 r/min
(Oil) Lubrication Speed	4000 r/min
Calculation factor (f1)	0.22
Calculation factor (f2)	3
Calculation factor (f3)	4.5
Category	Spherical Roller Bearings
ISO Inventory	0-0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	2
EAN	002927640734
Product Group - ISO	084311
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
Retainable Sleeve	Not Applicable
Inch - Metric	Metric
Temp. Description	6000 Straight Bore; 13000 Outside Diameter; 3200 Width; CO-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category - ISO	Spherical Roller Bearing
UPREC	21312E4
Normalized Tariff Code	84823000
NSN	
Keyword String	Bearing Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	21312EAE4
Weight / LBS	2
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Width	1.22 Inch 31 Millimeter
Bore	2.362 Inch 60 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
bore diameter:	
maximum rpm:	60 mm 4000 RPM
outside diameter:	130 mm
operating temperature range:	Maximum of +200 °C
overall width:	31 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	CO
precision rating:	BBEC 1 (ISO Class Normal)
closure type:	Open
finish/rounding:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	31 mm
dynamic load capacity:	230000 N
filler material:	2.1 mm
static load capacity:	240000 N
series:	213
YS	3
LangID	1
YS	3
D	130
Y2	4.5
Mecha rpm	6700
Q	31
CAD	https://service.ahb2ad.co.jp/ecom/maker_login.php?maker=NSK_M61language=uk&infomark=rb/roller_bearings/spherical_rb/ty/indrical_bore_washbar_pjbarsat-STAB-HPJ_(0000-21312EAE4)_D0-(D-130)_B=31_B_(B=2)_3_(C0+230000)_C0R+240000_(L1-4000)_L1M-6700_(L2-3000)_L2-4000_(DA1-Y2)_DA2-67.000_(DA3-130)_DA4-117)_EM-2.0)_E=4.3_(Y3-3.0)_Y=3.0)_R655-1_98
da min	72
da max	87
d11 rpm	4000
da	72
Y2	3
max	1.98
GS rpm	3000
ra	2
13k rpm	4000
CO	244
DE	130.702
YS	3
Prod_Type3	SM_CTR_CO
X3	1
X2	0.43
CSR	12.35
r	0.22
da	72
bore	21312EAE4
Z	20
ALP3	20
ALP1	0
ALP2	0
D_a min	118
D_a max	117
y01	21312EAE4
W3	0.95
ALPHA	0.147
SM	183.364
r	2
SRG	2325
SRG	3
BS	183.205
AK101	/BearingGuide/Item/Calculation.jsp