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.	118 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	4300 r/min
Calculation factor (e)	0.22
Calculation factor (Y0)	3
Calculation factor (Y2)	4.5
Category	Spherical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	2
EAN	0029176410734
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	60MM Straight Bore; 130MM Outside Diameter; 31MM 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	8482308D
Noun	Bearing
Keyword String	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:	60 mm
maximum rpm:	4800 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:	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:	238000 N
fillet radius:	2.1 mm
static load capacity:	244000 N
series:	213
Y3	3
hidTobi	21312EAE4
LangID	1
Y1	3
D_	130
Y2	4.5
Macha rpm	6700
B_	31
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=HPS}.{ORDER=21312EAE4}.{SD=60}.{D=130}.{B=31.0}.{R=2.1}.{CR1=238000}.{COR1=244000}.{LT=4800}.{LM=6700}.{LG=3800}.{LO=4800}.{DA1=72}.{DA2=87.000}.{DA3=118}.{DA4=117}.{RA=2.0}.{E=0.22}.{Y2=4.5}.{Y3=3.0}.{Y0=3.0}.{MASS=1.98}
da min	72
hidTable	ecat_NSSPMR
Oil rpm	4800
Y0	3
mass	1.98
GRS rpm	3800
ra	2
TSR rpm	4800
C0	244
DE_	118.782
X0	1
Prod_Type3	SRB_CTB_CB
X1	1
X2	0.67
SIR	12.15
e	0.22
DA_	14.9
bomp	21312EAE4
Z_	20
ALP2	26
ALP1	8
ALP3	0
D_a max	118
D_a min	117
yobi	21312EAE4
HPS	HPS
ALPHA_	0.147
SDM_	103.964
r	2.1
KBRG	2328
SBRG	3
DI_	89.225
calcUrl	/BearingGuide/html/calculation.jsp