21310EAKE4 NSK SBRG 3 50x110x27mm Spherical roller bearings

Bearing number	21310EAKE4
Size (mm)	50x110x27
Brand	NSK
Bore Diameter (mm)	50
Outer Diameter (mm)	110
Width (mm)	27
d	50 mm
D	110 mm
B	27 mm
C	27 mm
r min.	2 mm
da min.	60 mm
da max	72 mm
Da min	98 mm
Da max.	100 mm
ra max.	2 mm
Weight	1.21 Kg
Basic dynamic load rating (C)	142 kN
Basic static load rating (C0)	174 kN
(Grease) Lubrication Speed	4300 r/min
(Oil) Lubrication Speed	5300 r/min
Calculation factor (e)	0.23
Calculation factor (Y0)	2.9
Calculation factor (Y2)	4.4
Category	Spherical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	1.28
EAN	0029176410673
Product Group – BDI	B04311
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
Relubricatable	Yes
Withdrawal Sleeve	AH310 (Specify bore)
Inch – Metric	Metric
Long Description	50MM Tapered Bore; 110MM Outside Diameter; 27MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Number – H310 (Specify bore)
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category – BDI	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	8482308B0
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	21310EAKE4
Weight / LBS	1.28
Width	1.063 Inch | 27 Millimeter
Adapter Part Number	SNW10 H310 HA310 HE310 HS310 (Specify Bore) Inch | H310 (Specify bore) Millimeter
Outside Diameter	4.331 Inch | 110 Millimeter
Bore	1.969 Inch | 50 Millimeter
Y3	3
hidYobi	21310EAKE4
LangID	1
Y1	2.9
D_	110
Y2	4.4
Macha rpm	8000
B_	27
CAD	https://service.web2cad.co.jp/pcom/maker_login.php?Maker=NSK_RB&language=ja&info=nsk_rb/roller_bearings/spherical_rb/tapered_bore_asmtab.prj&varset={STAN=HP5}.{ORDER=21310EAKE4}.{SD=50}.{D=110}.{B=27.0}.{R=2.0}.{CR1=178000}.{COR1=174000}.{LT=5300}.{LM=8000}.{LG=4500}.{LO=5600}.{DA1=60}.{DA2=72}.{DA3=100}.{DA4=98}.{RA=2.0}.{E=0.23}.{Y2=4.4}.{Y3=3.0}.{Y0=2.9}.{MASS=1.21}
da min	60
hidTable	ecat_NSSPMR
Oil rpm	5600
Y0	2.9
mass	1.21
GRS rpm	4500
ra	2
TSR rpm	5300
C0	174
DE_	99.856
X0	1
Prod_Type3	SRB_CTB_TB
X1	1
X2	0.67
SIR	10.3
e	0.23
DA_	13.02
bomp	21310EAKE4
Z_	19
ALP2	38
ALP1	8
ALP3	0
D_a max	100
D_a min	98
yobi	21310EAKE4
HP5	HP5
ALPHA_	0.151
SDM_	86.983
r	2
KBRG	2328
SBRG	3
DI_	74.111
calclrl	/BearingGuide/html/calculation.jsp