22210EAKE4 NSK Mounting Method Adapter Mount 50x90x23mm Spherical roller bearings

Bearing number	22210EAKE4
Size (mm)	50x90x23
Brand	NSK
Bore Diameter (mm)	50
Outer Diameter (mm)	90
Width (mm)	23
d	50 mm
D	90 mm
B	23 mm
C	23 mm
r min.	1.1 mm
da min.	57 mm
da max	60 mm
Da min	81 mm
Da max.	83 mm
ra max.	1 mm
Weight	0.61 Kg
Basic dynamic load rating (C)	99 kN
Basic static load rating (C0)	119 kN
(Grease) Lubrication Speed	5000 r/min
(Oil) Lubrication Speed	6300 r/min
Calculation factor (e)	0.24
Calculation factor (Y0)	2.8
Calculation factor (Y2)	4.3
Category	Spherical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.57
EAN	0029176416200
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	AHX310 (Specify Bore)
Inch – Metric	Metric
Long Description	50MM Tapered Bore; 90MM Outside Diameter; 23MM 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	8482300 0
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	22210EAKE4
Weight / LBS	0.57
Width	0.906 Inch | 23 Millimeter
Outside Diameter	3.543 Inch | 90 Millimeter
Adapter Part Number	SNW10 H310 HA310 HE310 HS310 (Specify Bore) Inch | H310 (Specify bore) Millimeter
Bore	1.969 Inch | 50 Millimeter
bore diameter:	50 mm
outer ring type:	Not Split
outside diameter:	90 mm
internal clearance:	C0
overall width:	23 mm
lubrication hole type:	Oil Grooves And Holes In Outer Ring
bore type:	Tapered 1:12
cage material:	Steel
Y3	2.9
hidYobi	22210EAKE4
LangID	1
Y1	2.8
D_	90
Y2	4.3
Macha rpm	9500
B_	23
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=HPS}.{ORDER=22210EAKE4}.{SD=50}.{D=90}.{B=23.0}.{R=1.1}.{CR1=124000}.{COR1=119000}.{LT=6000}.{LM=9500}.{LG=5600}.{LO=7100}.{DA1=57}.{DA2=60}.{DA3=83}.{DA4=81}.{RA=1.0}.{E=0.24}.{Y2=4.3}.{Y3=2.9}.{Y0=2.8}.{MASS=0.61}
da min	57
hidTable	ecat_NSSPMR
Oil rpm	7100
Y0	2.8
mass	0.61
GRS rpm	5600
ra	1
TSR rpm	6000
C0	119
DE_	81.997
X0	1
Prod_Type3	SRB_CTB_TB
X1	1
X2	0.67
SIR	8.8
e	0.24
DA_	10.53
bomp	22210EAKE4
Z_	19
ALP2	55
ALP1	8
ALP3	0
D_a max	83
D_a min	81
yobi	22210EAKE4
HPS	HPS
ALPHA_	0.156
SDM_	71.594
r	1.1
KBRG	2329
SBRG	22
DI_	61.191
calcUrl	/BearingGuide/html/calculation.jsp