

# 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
e	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.	61 mm
Da max.	63 mm
r max.	1 mm
Weight	0.61 Kg
Basic dynamic load rating (C)	90 kN
Basic static load rating (C0)	119 kN
Grease Lubrication Speed (GSI)	5000 r/min
Lubrication Speed (LSI)	6300 r/min
Calculation factor (a)	0.29
Calculation factor (b)	2.8
Calculation factor (V)	4.3
Category	Spherical Roller Bearings
NSI Inventory	83
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.57
EAN	8020176416200
Product Group - NSI	804311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Bearing Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Balls	Double Row
Re-lubricatable	Yes
Withdrawal Sleeve	AKS10 (Specify Bore)
Inch - Metric	Metric
Unit Description	50mm Tapered Bore; 50mm Outside Diameter; 23mm Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Re-lubricatable; Adapter Part Number - H310 (Specify bore)
Other Features	Order adapter or withdrawal sleeve or not separately. Others may be available
Category - NSI	Spherical Roller Bearing
UNSPSC	31171310
Harmonized Tariff Code	84020000
Room	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	22210EAKE4
Weight / LBS	0.57
Width	0.909 Inch   23 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
Adapter Part Number	SMD10 H310 MK310 H330 H3310 (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
Y1	2.5
h1/h2	22210EAKE4
LANGID	1
Y2	2.5
D	90
Y3	9000
nsk part num	9000
B	23
CAD	<a href="https://service.web2iad.co.jp/pcnm/maker_login.php?maker=NSK_R&amp;language=JA&amp;info=nsk_rb/roller_bearings/spherical_rb/tapered_bore_wettab.pr&amp;variant=STAB-MP5_(ORDER=22210EAKE4_(SD=08)_(B=09)_(B=23_0)_(D=1_1)_(CR1=124009)_(CR2=110009)_(L1=8009)_(LH=9009)_(LG=9009)_(L0=7109)_(DA2=69)_(DA3=83)_(DA4=81)_(DA=1_0)_(E=0_24)_(Y2=1_3)_(Y3=2_9)_(Y9=2_8)_(M935=0_61))">https://service.web2iad.co.jp/pcnm/maker_login.php?maker=NSK_R&amp;language=JA&amp;info=nsk_rb/roller_bearings/spherical_rb/tapered_bore_wettab.pr&amp;variant=STAB-MP5_(ORDER=22210EAKE4_(SD=08)_(B=09)_(B=23_0)_(D=1_1)_(CR1=124009)_(CR2=110009)_(L1=8009)_(LH=9009)_(LG=9009)_(L0=7109)_(DA2=69)_(DA3=83)_(DA4=81)_(DA=1_0)_(E=0_24)_(Y2=1_3)_(Y3=2_9)_(Y9=2_8)_(M935=0_61))</a>
da min	57
h1/h2	ecat_HSSPHR
Oil Pm	7100
Y0	2.8
mass	0.61
GRS Pm	5600
r	1
T06 Pm	6000
C0	119
DR	61.997
WB	1
Prod_Type3	SAB_CTB_T6
X1	1
X2	0.61
S18	8.8
e	0.24
DA	105.53
bozp	22210EAKE4
Z	19
ALP2	09
ALP1	8
ALP3	8
D_a min	60
D_a min	61
y0k1	22210EAKE4
HPS	9P5
ALPH	0.155
SIN	71.504
r	1.1
M9G	7120
S9G	22
D1	61.191
CalcURL	/bearinginfo/NSK/calculation.jsp