

# 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 (a1)	0.29
Calculation factor (a2)	2.8
Calculation factor (a3)	4.3
Category	Spherical Roller Bearings
SKT Inventory	8-8
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.57
EAN	802017644200
Product Group - NSI	804311
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
Re-lubricatable	Yes
Withdrawal Sleeve	AK310 (Specify Bore)
Inch - Metric	Metric
Long 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 nut separately. Others may be available
Category - NSI	Spherical Roller Bearing
UPSPC	31171310
Harmonized Tariff Code	84021000
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	SM10 H310 HK310 H5310 (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
V1	2.5
h12h10	22210EAKE4
LANGID	1
V2	2.5
D	90
Y2	4.3
RoHS Compliant	9000
B	23
SAP	<a href="https://service.web2iad.co.jp/pcom/maker_login.php?maker=NSK_R&amp;language=ja&amp;inf=nsk_rb/roller_bearings/spherical_rb/tapered_bore_watub.prj&amp;variant=STAB-HP5_(ORDER=22210EAKE4_(SD=08)_(B=09)_(B=23.0)_(D=1.1)_(CR1=124000)_(CGR1=110000)_(L1=6000)_(LH=9000)_(LG=9000)_(LD=7100)_(DA1=57)_(DA2=60)_(DA3=63)_(DA4=61)_(DA=1.0)_(E=0.24)_(E2=4.3)_(EY=2.8)_(EY2=8)_(PMS=0.61))">https://service.web2iad.co.jp/pcom/maker_login.php?maker=NSK_R&amp;language=ja&amp;inf=nsk_rb/roller_bearings/spherical_rb/tapered_bore_watub.prj&amp;variant=STAB-HP5_(ORDER=22210EAKE4_(SD=08)_(B=09)_(B=23.0)_(D=1.1)_(CR1=124000)_(CGR1=110000)_(L1=6000)_(LH=9000)_(LG=9000)_(LD=7100)_(DA1=57)_(DA2=60)_(DA3=63)_(DA4=61)_(DA=1.0)_(E=0.24)_(E2=4.3)_(EY=2.8)_(EY2=8)_(PMS=0.61))</a>
da min	57
h12h10	ecat_H310PR
D11 mm	7100
W	2.8
mass	0.61
GSI mm	5600
r	1
T06 mm	6000
C0	119
SK_	81.907
WB	1
Prod_Type3	SAB_CTB_T6
X1	1
X2	0.63
S18	8.8
e	0.24
DA	10.33
bore	22210EAKE4
Z	19
ALP0	0F
ALP1	0
ALP3	0
D_a min	60
D_a min	61
y04	22210EAKE4
HPS	9PS
ALP4	0.155
SM	71.504
r	1.1
HNS	7100
SRG	22
D1	61.191
calc01	/bearing/da/NSK/calculation.jsp