



Tapered Bore

Bearing No. 22310EAKE4

e	0.36
d	50 mm
B	40 mm
D	110 mm
C	40 mm
r	2
Y2	2.8
D_	110
Y1	1.9
Z_	15
B_	40
Y0	1.9
ra	2
C0	234
X0	1
X1	1
X2	0.67
Y3	1.9
DI_	67.675
DA_	15.33
HPS	HPS
SIR	15.73
DE_	97.513
Bore	1.969 Inch 50 Millimeter
mass	1.78
ALP3	0
ALP1	13
ALP2	18
SDM_	82.594

bomp	22310EAKE4
yobi	22310EAKE4
SBRG	23
KBRG	2328
Noun	Bearing
Width	1.575 Inch 40 Millimeter
Da min	93 mm
UNSPSC	31171510
ALPHA_	0.232
Weight	1,78 Kg
da max	64 mm
r min.	2 mm
LangID	1
da min	60
da min.	60 mm
Oil rpm	5300
GRS rpm	4300
hidYobi	22310EAKE4
TSR rpm	4800
series:	223
D_a min	93
Da max.	100 mm
D_a max	100
ra max.	2 mm
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	50x110x40
Inventory	0.0
Enclosure	Open
Macha rpm	7100
bore type:	Tapered 1:12
cage type:	Inner Ring Guided

Width (mm)	40
Prod_Type3	SRB_CTB_TB
maximum rpm:	5300 RPM
Bore Profile	Tapered
Weight / LBS	1.4
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22310EAKE4
overall width:	40 mm
cage material:	Steel
Relubricatable	Yes
fillet radius:	2 mm
Keyword String	Spherical
bore diameter:	50 mm
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Mounting Method	Adapter Mount
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
outer ring type:	Not Split
Long Description	50MM Tapered Bore; 110MM Outside Diameter; 40MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu
Outside Diameter	4.331 Inch 110

	Millimeter
Manufacturer URL	http://www.nskamericas.com
outside diameter:	110 mm
Manufacturer Name	NSK
outer ring width:	40 mm
Withdrawal Sleeve	AHX2310 (Specify bore)
Weight / Kilogram	1.4
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
Internal Clearance	C0-Medium
Bore Diameter (mm)	50
Adapter Part Number	SNW110 H2310 HA2310 HE2310 (Specify bore) Inch H2310 (Specify bore) Millimeter
Outer Diameter (mm)	110
internal clearance:	C3
Minimum Buy Quantity	N/A
static load capacity:	234000 N
dynamic load capacity:	246000 N
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
Calculation factor (e)	0,35
Calculation factor (Y2)	2,8
Calculation factor (Y0)	1,9
(Oil) Lubrication Speed	4800 r/min
Manufacturer Item Number	22310EAKE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication	3800 r/min

Speed	
operating temperature range:	Maximum of +200 °C
Basic static load rating (C0)	234 kN
Basic dynamic load rating (C)	197 kN