



Bearing No. 22310EAE4

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
mass	1.78
ALP3	0
ALP1	13
ALP2	18
SDM_	82.594
bomp	22310EAE4
Bore	1.969 Inch 50

	Millimeter
SBRG	23
KBRG	2328
yobi	22310EAE4
Noun	Bearing
Width	1.575 Inch 40 Millimeter
UNSPSC	31171510
da max	64 mm
Da min	93 mm
da min	60
ALPHA_	0.232
LangID	1
Weight	1,78 Kg
r min.	2 mm
ra max.	2 mm
da min.	60 mm
Da max.	100 mm
D_a min	93
series:	223
TSR rpm	4800
D_a max	100
hidYobi	22310EAE4
GRS rpm	4300
Oil rpm	5300
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	50x110x40
Inventory	0.0
Macha rpm	7100
Enclosure	Open
bore type:	Straight
Prod_Type3	SRB_CTB_CB

cage type:	Inner Ring Guided
Width (mm)	40
maximum rpm:	5300 RPM
Bore Profile	Straight
Weight / LBS	1.84
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22310EAE4
overall width:	40 mm
bore diameter:	50 mm
Relubricatable	Yes
fillet radius:	2 mm
Keyword String	Spherical
cage material:	Steel
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
finish/coating:	Uncoated
Manufacturer URL	http://www.nskamericas.com
Outside Diameter	4.331 Inch 110 Millimeter
Long Description	50MM Straight Bore; 110MM Outside Diameter; 40MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
outer ring type:	Not Split
outside diameter:	110 mm

Withdrawal Sleeve	Not Applicable
bearing material:	Steel
Manufacturer Name	NSK
Weight / Kilogram	1.84
outer ring width:	40 mm
precision rating:	RBEC 1 (ISO Class Normal)
Bore Diameter (mm)	50
Internal Clearance	C0-Medium
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outer Diameter (mm)	110
internal clearance:	C3
Minimum Buy Quantity	N/A
static load capacity:	234000 N
Calculation factor (e)	0,35
lubrication hole type:	Lubrication Groove & Hole
dynamic load capacity:	246000 N
Harmonized Tariff Code	84823080
Calculation factor (Y2)	2,8
(Oil) Lubrication Speed	4800 r/min
Calculation factor (Y0)	1,9
Manufacturer Item Number	22310EAE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication Speed	3800 r/min
operating temperature range:	Maximum of +200 °C
Basic static load rating (C0)	234 kN
Basic dynamic load rating (C)	197 kN

