



Bearing No. 22309EAE4

e	0.34
d	45 mm
B	36 mm
D	100 mm
C	36 mm
r	1.5
Y2	2.9
D_	100
Y1	2
Z_	15
B_	36
Y0	1.9
ra	1.5
C0	195
X0	1
X1	1
X2	0.67
Y3	2
DI_	62.401
DA_	14
HPS	HPS
SIR	14
DE_	89.702
mass	1.34
ALP3	0
ALP1	12
ALP2	50
SDM_	76.052
bomp	22309EAE4
Bore	1.772 Inch 45

	Millimeter
SBRG	23
KBRG	2328
yobi	22309EAE4
Noun	Bearing
Width	1.417 Inch 36 Millimeter
UNSPSC	31171510
da max	59 mm
Da min	86 mm
da min	54
ALPHA_	0.224
Weight	1,34 Kg
LangID	1
r min.	1,5 mm
ra max.	1,5 mm
da min.	54 mm
Da max.	91 mm
D_a min	86
series:	223
D_a max	91
TSR rpm	5000
hidYobi	22309EAE4
GRS rpm	4500
Oil rpm	5600
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	45x100x36
Inventory	0.0
Macha rpm	8000
Enclosure	Open
bore type:	Straight
Prod_Type3	SRB_CTB_CB

cage type:	Inner Ring Guided
Width (mm)	36
maximum rpm:	5600 RPM
Bore Profile	Straight
Weight / LBS	1.33
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22309EAE4
overall width:	36 mm
bore diameter:	45 mm
Relubricatable	Yes
fillet radius:	1.5 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	3.937 Inch 100 Millimeter
Long Description	45MM Straight Bore; 100MM Outside Diameter; 36MM 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:	100 mm

Withdrawal Sleeve	Not Applicable
bearing material:	Steel
Manufacturer Name	NSK
Weight / Kilogram	1.33
outer ring width:	36 mm
precision rating:	RBEC 1 (ISO Class Normal)
Bore Diameter (mm)	45
Internal Clearance	C0-Medium
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outer Diameter (mm)	100
internal clearance:	C0
Minimum Buy Quantity	N/A
static load capacity:	195000 N
Calculation factor (e)	0,34
lubrication hole type:	Lubrication Groove & Hole
dynamic load capacity:	207000 N
Harmonized Tariff Code	84823080
Calculation factor (Y2)	2,9
(Oil) Lubrication Speed	5300 r/min
Calculation factor (Y0)	1,9
Manufacturer Item Number	22309EAE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication Speed	4000 r/min
operating temperature range:	Maximum of +200 °C
Basic static load rating (C0)	195 kN
Basic dynamic load rating (C)	166 kN

