



Bearing No. 21309EAE4

e	0.23
d	45 mm
B	25 mm
D	100 mm
C	25 mm
r	1.5
Y2	4.3
D_	100
Y1	2.9
Z_	19
B_	25
Y0	2.8
ra	1.5
C0	144
X0	1
X1	1
X2	0.67
Y3	2.9
DI_	66.996
DA_	11.8
HPS	HPS
SIR	9.45
DE_	90.316
mass	0.96
ALP3	0
ALP1	8
ALP2	50
Bore	1.772 Inch 45 Millimeter
SDM_	78.656

bomp	21309EAE4
SBRG	3
KBRG	2328
yobi	21309EAE4
Noun	Bearing
Width	0.984 Inch 25 Millimeter
UNSPSC	31171510
da max	65 mm
Da min	89 mm
da min	54
ALPHA_	0.154
LangID	1
Weight	0,96 Kg
r min.	1,5 mm
ra max.	1,5 mm
da min.	54 mm
Da max.	91 mm
D_a min	89
series:	213
TSR rpm	6000
D_a max	91
hidYobi	21309EAE4
GRS rpm	5000
Oil rpm	6300
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	45x100x25
Inventory	0.0
Macha rpm	9000
Enclosure	Open
bore type:	Straight
Prod_Type3	SRB_CTB_CB

cage type:	Inner Ring Guided
Width (mm)	25
maximum rpm:	6300 RPM
Bore Profile	Straight
Weight / LBS	0
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	21309EAE4
overall width:	25 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; 25MM 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	0.975
outer ring width:	25 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:	144000 N
Calculation factor (e)	0,23
lubrication hole type:	Lubrication Groove & Hole
dynamic load capacity:	149000 N
Harmonized Tariff Code	84823080
Calculation factor (Y2)	4,3
(Oil) Lubrication Speed	5600 r/min
Calculation factor (Y0)	2,8
Manufacturer Item Number	21309EAE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication Speed	4500 r/min
operating temperature range:	Maximum of +200 °C
Basic static load rating (C0)	144 kN
Basic dynamic load rating (C)	119 kN

