



Tapered Bore

Bearing No. 21309EAKE4

e	0.23
r	1.5
d	45 mm
D	100 mm
B	25 mm
C	25 mm
Y3	2.9
X2	0.67
C0	144
Z_	19
ra	1.5
D_	100
Y1	2.8
X0	1
Y2	4.3
B_	25
Y0	2.8
X1	1
DI_	66.996
HPS	HPS
DA_	11.8
DE_	90.316
SIR	9.45
Bore	1.772 Inch 45 Millimeter
Noun	Bearing
bomp	21309EAKE4
mass	0.96
ALP2	50
KBRG	2328

ALP1	8
ALP3	0
SBRG	3
SDM_	78.656
yobi	21309EAKE4
Width	0.984 Inch 25 Millimeter
da max	65 mm
Da min	89 mm
r min.	1,5 mm
Weight	0,96 Kg
ALPHA_	0.154
UNSPSC	31171510
da min	54
LangID	1
da min.	54 mm
D_a min	89
D_a max	91
ra max.	1,5 mm
TSR rpm	6000
Da max.	91 mm
Oil rpm	6300
GRS rpm	5000
hidYobi	21309EAKE4
Category	Spherical Roller Bearing
hidTable	ecat_NSSPHR
Macha rpm	9000
Size (mm)	45x100x25
Enclosure	Open
Inventory	0.0
Width (mm)	25
Prod_Type3	SRB_CTB_TB
Weight / LBS	0

Bore Profile	Tapered
Product Group	B04311
Inch - Metric	Metric
Cage Material	Steel
Bearing number	21309EAKE4
Keyword String	Spherical
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Relubricatable	Yes
Rolling Element	Spherical Roller Bearing
Mounting Method	Adapter Mount
Manufacturer URL	http://www.nskamericas.com
Long Description	45MM Tapered Bore; 100MM Outside Diameter; 25MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu
Outside Diameter	3.937 Inch 100 Millimeter
Weight / Kilogram	0.96
Manufacturer Name	NSK
Withdrawal Sleeve	AH309 (Specify bore)
Bore Diameter (mm)	45
Internal Clearance	C0-Medium
Outer Diameter (mm)	100
Adapter Part Number	SNW09 H309 HA309 HE309 (Specify Bore) Inch H309 (Specify

	bore) Millimeter
Minimum Buy Quantity	N/A
Calculation factor (e)	0,23
Harmonized Tariff Code	84823080
Calculation factor (Y2)	4,3
Calculation factor (Y0)	2,8
(Oil) Lubrication Speed	5600 r/min
Manufacturer Item Number	21309EAKE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication Speed	4500 r/min
Basic static load rating (C0)	144 kN
Basic dynamic load rating (C)	119 kN