

21309EAKE4 NSK hidYobi

21309EAKE4 45x100x25mm

Spherical roller bearings

Bearing number	21309EAKE4
SKF (mm)	4510025
Brand	NSK
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Width (mm)	25
d	45 mm
D	100 mm
B	25 mm
C	25 mm
r min.	1.5 mm
da min.	54 mm
da max.	65 mm
Da min.	68 mm
Da max.	71 mm
ra max.	1.5 mm
Weight	0.96 Kg
Basic dynamic load rating (C)	119 kN
Basic static load rating (C0)	144 kN
(Grease) Lubrication Speed	4500 r/min
(Oil) Lubrication Speed	5600 r/min
Calculation factor (a1)	0.23
Calculation factor (a2)	2.8
Calculation factor (a3)	4.3
Category	Spherical Roller Bearings
B02 Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.96
SKU	00207943030
Product Group - B01	094311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	ANSI (Specify bore)
Inch - Metric	Metric
Long Description	40M 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 Number - H309 (Specify bore)
Other Features	Order adapter or withdrawal sleeve or not separately. Others may be available
Category - B01	Spherical Roller Bearing
HSFSC	31171510
Harmonized Tariff Code	84623000
Item	45x100x25
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	21309EAKE4
Weight / LBS	0
Outside Diameter	3.937 Inch 100 Millimeter
Bore	1.772 Inch 45 Millimeter
Adapter Part Number	NSM9 H309 H430 H530 (Specify Bore) Inch H309 (Specify bore) Millimeter
Width	0.984 Inch 25 Millimeter
Y3	2.0
Y4	21309EAKE4
Length	1
Y1	2.8
D	100
Y2	4.3
Y5	0000
Y6	25
CD	https://service.webload.co.jp/psk/maker_login.php?maker=NSK&BBLanguage=J&url=nsk_ru/roller_bearings/spherical_rb/tapered_bore_washb.pr?srsltid=AIBnCFP3-00000-21309EAKE4
da min	54
da max	ecol_NSGPR8
Oil rpm	5600
max	2.8
max	0.96
Oil rpm	5600
ra	1.5
SR rpm	6800
CR	144
DC	10.336
JD	1
Prod Type3	SMO_C10_T8
X1	1
X2	0.67
SR	0.45
w	0.23
DA	11.0
bomp	21309EAKE4
z	10
ALP2	50
ALP1	0
ALP3	0
D-a min.	61
D-a min	80
yB1	21309EAKE4
YPS	105
ALPHA	0.154
SM	76.456
F	1.5
HBRG	2320
SRG	3
DE	66.996
calcDt	/bearingGuide/rollCalculation.jsp