



Tapered Bore

**95 mm x 170 mm x 43 mm NSK 22219EAKE4 spherical roller bearings**

Bearing No. 22219EAKE4

22219EAKE4 Bearing 2D drawings and 3D CAD models

Size	95x170x43 mm
Bore Diameter	95 mm
Outer Diameter	170 mm
Width	43 mm
d	95 mm
D	170 mm
B	43 mm
C	43 mm
r min.	2,1 mm
da min.	107 mm
da max	115 mm
Da min	152 mm
Da max.	158 mm
ra max.	2 mm
Weight	4,04 Kg
Basic dynamic load rating (C)	330 kN
Basic static load rating (C0)	450 kN
(Grease) Lubrication Speed	2600 r/min
(Oil) Lubrication Speed	3400 r/min
Calculation factor (e)	0,24
Calculation factor (Y0)	2,8
Calculation factor (Y2)	4,3
Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	NSK



## BEARING MANUFACTURING DE MEXICO, S.A.D...

Minimum Buy Quantity	N/A
Weight / Kilogram	4.15
Product Group	B04311
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	AHX319 (Specify bore)
Inch - Metric	Metric
Long Description	95MM Tapered Bore; 170MM Outside Diameter; 43MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	22219EAKE4
Weight / LBS	0
Width	1.693 Inch   43 Millimeter



## BEARING MANUFACTURING DE MEXICO,S.A.D...

Adapter Part Number	SNW19 H319 HA319 HE319 (Specify bore) Inch   H319 (Specify bore) Millimeter
Bore	3.74 Inch   95 Millimeter
Outside Diameter	6.693 Inch   170 Millimeter
bore diameter:	95 mm
outer ring type:	Not Split
outside diameter:	170 mm
internal clearance:	C0
overall width:	43 mm
lubrication hole type:	Oil Grooves And Holes In Outer Ring
bore type:	Tapered 1:12
cage material:	Steel
Y3	2.9
hidYobi	22219EAKE4
LangID	1
Y1	2.8
D_	170
Y2	4.3
Macha rpm	4500
B_	43
da min	107
hidTable	ecat_NSSPHR
Oil rpm	3800
Y0	2.8
mass	4.04
GRS rpm	3000
ra	2
TSR rpm	3800
C0	450
DE_	155.103



## BEARING MANUFACTURING DE MEXICO,S.A.D...

X0	1
Prod_Type3	SRB_CTB_TB
X1	1
X2	0.67
SIR	17.22
e	0.24
DA_	19.3
bomp	22219EAKE4
Z_	20
ALP2	55
ALP1	8
ALP3	0
D_a max	158
D_a min	152
yobi	22219EAKE4
HPS	HPS
ALPHA_	0.156
SDM_	136.036
r	2.1
KBRG	2328
SBRG	22
DI_	116.969