



Tapered Bore

Bearing No. 22211EAKE4

e	0.23
d	55 mm
B	25 mm
D	100 mm
C	25 mm
r	1.5
Y2	4.3
D_	100
Y1	2.8
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	0.81
ALP3	0
ALP1	8
ALP2	50
SDM_	78.656
bomp	22211EAKE4
yobi	22211EAKE4

SBRG	22
KBRG	2328
Noun	Bearing
Bore	2.165 Inch 55 Millimeter
Width	0.984 Inch 25 Millimeter
ALPHA_	0.154
Da min	89 mm
UNSPSC	31171510
da min	64
Weight	0,81 Kg
r min.	1,5 mm
LangID	1
da max	65 mm
da min.	64 mm
Oil rpm	6700
GRS rpm	5300
hidYobi	22211EAKE4
TSR rpm	5300
series:	222
D_a min	89
Da max.	91 mm
D_a max	91
ra max.	1,5 mm
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	55x100x25
Inventory	0.0
Enclosure	Open
Macha rpm	9000
bore type:	Tapered 1:12
cage type:	Inner Ring Guided

Width (mm)	25
Prod_Type3	SRB_CTB_TB
maximum rpm:	6700 RPM
Bore Profile	Tapered
Weight / LBS	0.81
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22211EAKE4
overall width:	25 mm
cage material:	Steel
Relubricatable	Yes
fillet radius:	1.5 mm
Keyword String	Spherical
bore diameter:	55 mm
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Mounting Method	Adapter Mount
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
outer ring type:	Not Split
Long Description	55MM 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
Manufacturer URL	http://www.nskamericas.com
outside diameter:	100 mm
Manufacturer Name	NSK
outer ring width:	25 mm
Withdrawal Sleeve	AHX311 (Specify bore)
Weight / Kilogram	0.81
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
Internal Clearance	C0-Medium
Bore Diameter (mm)	55
Adapter Part Number	SNW11 H311 HA311 HE311 (Specify Bore) Inch H311 (Specify bore) Millimeter
Outer Diameter (mm)	100
internal clearance:	C0
Minimum Buy Quantity	N/A
static load capacity:	144000 N
dynamic load capacity:	149000 N
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
Calculation factor (e)	0,23
Calculation factor (Y2)	4,3
Calculation factor (Y0)	2,8
(Oil) Lubrication Speed	5600 r/min
Manufacturer Item Number	22211EAKE4
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