



Bearing No. 22211EAE4

e	0.23
d	55 mm
B	25 mm
D	100 mm
C	25 mm
r	1.5
Y2	4.3
D_	100
Y1	2.9
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	0.81
ALP3	0
ALP1	8
ALP2	50
SDM_	78.656
bomp	22211EAE4
Bore	2.165 Inch 55

	Millimeter
SBRG	22
KBRG	2328
yobi	22211EAE4
Noun	Bearing
Width	0.984 Inch 25 Millimeter
UNSPSC	31171510
da max	65 mm
Da min	89 mm
da min	64
ALPHA_	0.154
LangID	1
Weight	0,81 Kg
r min.	1,5 mm
ra max.	1,5 mm
da min.	64 mm
Da max.	91 mm
D_a min	89
series:	222
TSR rpm	5300
D_a max	91
hidYobi	22211EAE4
GRS rpm	5300
Oil rpm	6700
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	55x100x25
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:	6700 RPM
Bore Profile	Straight
Weight / LBS	0.82
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22211EAE4
overall width:	25 mm
bore diameter:	55 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	55MM 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	0.82
outer ring width:	25 mm
precision rating:	RBEC 1 (ISO Class Normal)
Bore Diameter (mm)	55
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	22211EAE4
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

