



Tapered Bore

22311EAKE4 Bearing 2D drawings and 3D CAD models

**NSK 22311EAKE4 spherical roller bearings**

Bearing No. 22311EAKE4

Size	55x120x43 mm
Bore Diameter	55 mm
Outer Diameter	120 mm
Width	43 mm
d	55 mm
D	120 mm
B	43 mm
C	43 mm
r min.	2 mm
da min.	65 mm
da max	73 mm
Da min	103 mm
Da max.	110 mm
ra max.	2 mm
Weight	2,3 Kg
Basic dynamic load rating (C)	234 kN
Basic static load rating (C0)	292 kN
(Grease) Lubrication Speed	3400 r/min
(Oil) Lubrication Speed	4300 r/min
Calculation factor (e)	0,34
Calculation factor (Y0)	1,9
Calculation factor (Y2)	2,9
Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A



## LY?MANUFACTURING CO.,LTD.

Weight / Kilogram	2.3
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	AHX2311 (Specify bore)
Inch - Metric	Metric
Long Description	55MM Tapered Bore; 120MM 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	22311EAKE4
Weight / LBS	2.3
Adapter Part Number	SNW111 H2311 HA2311 HE2311 (Specify bore) Inch



## LY?MANUFACTURING CO.,LTD.

	H2311 (Specify bore) Millimeter
Width	1.693 Inch   43 Millimeter
Bore	2.165 Inch   55 Millimeter
Outside Diameter	4.724 Inch   120 Millimeter
bore diameter:	55 mm
maximum rpm:	4800 RPM
outside diameter:	120 mm
operating temperature range:	Maximum of +200 ° C
overall width:	43 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	RBEC 1 (ISO Class Normal)
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	43 mm
dynamic load capacity:	292000 N
fillet radius:	2 mm
static load capacity:	292000 N
series:	223
Y3	2
hidYobi	22311EAKE4
LangID	1
Y1	1.9
D_	120
Y2	2.9



## LY?MANUFACTURING CO.,LTD.

Macha rpm	6000
B_	43
da min	65
hidTable	ecat_NSSPHR
Oil rpm	4800
Y0	1.9
mass	2.3
GRS rpm	3800
ra	2
TSR rpm	4300
C0	292
DE_	107.217
X0	1
Prod_Type3	SRB_CTB_TB
X1	1
X2	0.67
SIR	17.23
e	0.34
DA_	16.02
bomp	22311EAKE4
Z_	16
ALP2	55
ALP1	12
ALP3	0
D_a max	110
D_a min	103
yobi	22311EAKE4
HPS	HPS
ALPHA_	0.225
SDM_	91.602
r	2
KBRG	2328



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SBRG	23
DI_	75.987