



Tapered Bore

Bearing No. 22311EAKE4

e	0.34
d	55 mm
B	43 mm
D	120 mm
C	43 mm
r	2
Y2	2.9
D_	120
Y1	1.9
Z_	16
B_	43
Y0	1.9
ra	2
C0	292
X0	1
X1	1
X2	0.67
Y3	2
DI_	75.987
DA_	16.02
HPS	HPS
SIR	17.23
DE_	107.217
mass	2.3
ALP3	0
ALP1	12
ALP2	55
SDM_	91.602
bomp	22311EAKE4
yobi	22311EAKE4

SBRG	23
KBRG	2328
Noun	Bearing
Bore	2.165 Inch 55 Millimeter
Width	1.693 Inch 43 Millimeter
Da min	103 mm
UNSPSC	31171510
ALPHA_	0.225
Weight	2,3 Kg
da max	73 mm
r min.	2 mm
LangID	1
da min	65
da min.	65 mm
GRS rpm	3800
Oil rpm	4800
hidYobi	22311EAKE4
TSR rpm	4300
series:	223
D_a min	103
Da max.	110 mm
D_a max	110
ra max.	2 mm
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	55x120x43
Inventory	0.0
Enclosure	Open
Macha rpm	6000
bore type:	Tapered 1:12
cage type:	Inner Ring Guided

Width (mm)	43
Prod_Type3	SRB_CTB_TB
maximum rpm:	4800 RPM
Bore Profile	Tapered
Weight / LBS	2.3
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22311EAKE4
overall width:	43 mm
cage material:	Steel
Relubricatable	Yes
fillet radius:	2 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; 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
Outside Diameter	4.724 Inch 120

	Millimeter
Manufacturer URL	http://www.nskamericas.com
outside diameter:	120 mm
Manufacturer Name	NSK
outer ring width:	43 mm
Withdrawal Sleeve	AHX2311 (Specify bore)
Weight / Kilogram	2.3
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
Internal Clearance	C0-Medium
Bore Diameter (mm)	55
Adapter Part Number	SNW111 H2311 HA2311 HE2311 (Specify bore) Inch H2311 (Specify bore) Millimeter
Outer Diameter (mm)	120
internal clearance:	C0
Minimum Buy Quantity	N/A
static load capacity:	292000 N
dynamic load capacity:	292000 N
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
Calculation factor (e)	0,34
Calculation factor (Y2)	2,9
Calculation factor (Y0)	1,9
(Oil) Lubrication Speed	4300 r/min
Manufacturer Item Number	22311EAKE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication	3400 r/min

Speed	
operating temperature range:	Maximum of +200 °C
Basic static load rating (C0)	292 kN
Basic dynamic load rating (C)	234 kN