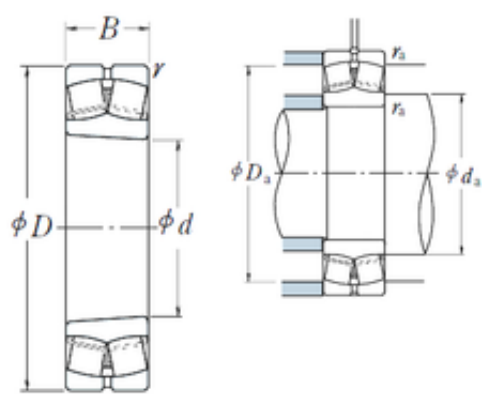




Tapered Bore

Bearing No. 22220EAKE4

e	0.24
d	100 mm
B	46 mm
D	180 mm
C	46 mm
r	2.1
Y2	4.3
D_	180
Y1	2.8
Z_	19
B_	46
Y0	2.8
ra	2
C0	490
X0	1
X1	1
X2	0.67
Y3	2.9
DI_	121.81
DA_	20.9
HPS	HPS
SIR	18.2
DE_	163.105
mass	4.84
ALP3	0
ALP1	8
ALP2	55
SDM_	142.457
bomp	22220EAKE4
yobi	22220EAKE4

SBRG	22
KBRG	2328
Noun	Bearing
Bore	3.937 Inch 100 Millimeter
Width	1.811 Inch 46 Millimeter
ALPHA_	0.156
Da min	160 mm
UNSPSC	31171510
da min	112
Weight	4,84 Kg
r min.	2,1 mm
LangID	1
da max	119 mm
da min.	112 mm
GRS rpm	2800
Oil rpm	3600
hidYobi	22220EAKE4
TSR rpm	3600
series:	222
D_a min	160
Da max.	168 mm
D_a max	168
ra max.	2 mm
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	100x180x46
Inventory	0.0
Enclosure	Open
Macha rpm	4300
bore type:	Tapered 1:12
cage type:	Roller Guided

Width (mm)	46
Prod_Type3	SRB_CTB_TB
maximum rpm:	3600 RPM
Bore Profile	Tapered
Weight / LBS	4.8
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22220EAKE4
overall width:	46 mm
cage material:	Steel
Relubricatable	Yes
fillet radius:	2.1 mm
Keyword String	Spherical
bore diameter:	100 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	100MM Tapered Bore; 180MM Outside Diameter; 46MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part N
Outside Diameter	7.087 Inch 180

	Millimeter
Manufacturer URL	http://www.nskamericas.com
outside diameter:	180 mm
Manufacturer Name	NSK
outer ring width:	46 mm
Withdrawal Sleeve	AHX320 (Specify bore)
Weight / Kilogram	4.8
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
Internal Clearance	C0-Medium
Bore Diameter (mm)	100
Adapter Part Number	SNW20 H320 HA20 HE320 (Specify Bore) Inch H320 (Specify bore) Millimeter
Outer Diameter (mm)	180
internal clearance:	C0
Minimum Buy Quantity	N/A
static load capacity:	490000 N
dynamic load capacity:	455000 N
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
Calculation factor (e)	0,24
Calculation factor (Y2)	4,3
Calculation factor (Y0)	2,8
(Oil) Lubrication Speed	3200 r/min
Manufacturer Item Number	22220EAKE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication Speed	2400 r/min

operating temperature range:	Maximum of +200 °C
Basic static load rating (C0)	490 kN
Basic dynamic load rating (C)	365 kN