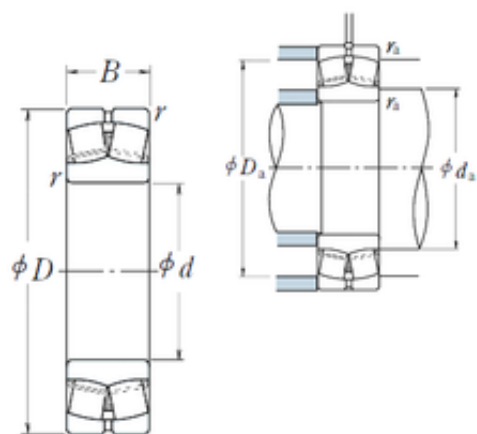




Bearing No. 22220EAE4

e	0.24
d	100 mm
B	46 mm
D	180 mm
C	46 mm
r	2.1
Y2	4.3
D_	180
Y1	2.9
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	22220EAE4
Bore	3.937 Inch 100

	Millimeter
SBRG	22
KBRG	2328
yobi	22220EAE4
Noun	Bearing
Width	1.811 Inch 46 Millimeter
UNSPSC	31171510
da max	119 mm
Da min	160 mm
da min	112
ALPHA_	0.156
Weight	4,84 Kg
LangID	1
r min.	2,1 mm
ra max.	2 mm
da min.	112 mm
Da max.	168 mm
D_a min	160
series:	222
TSR rpm	3600
D_a max	168
hidYobi	22220EAE4
GRS rpm	2800
Oil rpm	3600
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	100x180x46
Inventory	0.0
Macha rpm	4300
Enclosure	Open
bore type:	Straight
Prod_Type3	SRB_CTB_CB

cage type:	Roller Guided
Width (mm)	46
maximum rpm:	3600 RPM
Bore Profile	Straight
Weight / LBS	4.92
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22220EAE4
overall width:	46 mm
bore diameter:	100 mm
Relubricatable	Yes
fillet radius:	2.1 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	7.087 Inch 180 Millimeter
Long Description	100MM Straight Bore; 180MM Outside Diameter; 46MM 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:	180 mm

Withdrawal Sleeve	Not Applicable
bearing material:	Steel
Manufacturer Name	NSK
Weight / Kilogram	4.92
outer ring width:	46 mm
precision rating:	RBEC 1 (ISO Class Normal)
Bore Diameter (mm)	100
Internal Clearance	C0-Medium
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outer Diameter (mm)	180
internal clearance:	C0
Minimum Buy Quantity	N/A
static load capacity:	490000 N
Calculation factor (e)	0,24
lubrication hole type:	Lubrication Groove & Hole
dynamic load capacity:	455000 N
Harmonized Tariff Code	84823080
Calculation factor (Y2)	4,3
(Oil) Lubrication Speed	3200 r/min
Calculation factor (Y0)	2,8
Manufacturer Item Number	22220EAE4
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

