



Bearing No. 22209EAE4

e	0.26
d	45 mm
B	23 mm
D	85 mm
C	23 mm
r	1.1
Y2	3.9
D_	85
Y1	2.7
Z_	18
B_	23
Y0	2.6
ra	1
C0	111
X0	1
X1	1
X2	0.67
Y3	2.7
DI_	56.492
DA_	10.35
HPS	HPS
SIR	8.91
DE_	76.9
mass	0.55
ALP3	0
ALP1	9
ALP2	38
SDM_	66.696
bomp	22209EAE4
Bore	1.772 Inch 45

	Millimeter
SBRG	22
KBRG	2328
yobi	22209EAE4
Noun	Bearing
Width	0.906 Inch 23 Millimeter
UNSPSC	31171510
da max	54 mm
Da min	75 mm
da min	52
ALPHA_	0.168
Weight	0,55 Kg
LangID	1
r min.	1,1 mm
ra max.	1 mm
da min.	52 mm
Da max.	78 mm
D_a min	75
series:	222
TSR rpm	6300
D_a max	78
hidYobi	22209EAE4
GRS rpm	6000
Oil rpm	7500
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	45x85x23
Inventory	0.0
Macha rpm	11000
Enclosure	Open
bore type:	Straight
Prod_Type3	SRB_CTB_CB

cage type:	Inner Ring Guided
Width (mm)	23
maximum rpm:	7500 RPM
Bore Profile	Straight
Weight / LBS	0.55
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22209EAE4
overall width:	23 mm
bore diameter:	45 mm
Relubricatable	Yes
fillet radius:	1.1 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	3.346 Inch 85 Millimeter
Long Description	45MM Straight Bore; 85MM Outside Diameter; 23MM 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:	85 mm

Withdrawal Sleeve	Not Applicable
bearing material:	Steel
Manufacturer Name	NSK
Weight / Kilogram	0.55
outer ring width:	23 mm
precision rating:	RBEC 1 (ISO Class Normal)
Bore Diameter (mm)	45
Internal Clearance	C0-Medium
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outer Diameter (mm)	85
internal clearance:	C0
Minimum Buy Quantity	N/A
static load capacity:	111000 N
Calculation factor (e)	0,25
lubrication hole type:	Lubrication Groove & Hole
dynamic load capacity:	118000 N
Harmonized Tariff Code	84823080
Calculation factor (Y2)	3,9
(Oil) Lubrication Speed	7000 r/min
Calculation factor (Y0)	2,6
Manufacturer Item Number	22209EAE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication Speed	5300 r/min
operating temperature range:	Maximum of +200 °C
Basic static load rating (C0)	111 kN
Basic dynamic load rating (C)	94,5 kN

