



Bearing No. 22316EAE4

e	0.33
d	80 mm
B	58 mm
D	170 mm
C	58 mm
r	2.1
Y2	3
D_	170
Y1	2
Z_	16
B_	58
Y0	2
ra	2
C0	565
X0	1
X1	1
X2	0.67
Y3	2
DI_	107.251
DA_	22.59
HPS	HPS
SIR	23.62
DE_	151.375
mass	6.23
ALP3	0
ALP1	12
ALP2	25
SDM_	129.313
bomp	22316EAE4
Bore	3.15 Inch   80 Millimeter

SBRG	23
KBRG	2328
yobi	22316EAE4
Noun	Bearing
Width	2.283 Inch   58 Millimeter
UNSPSC	31171510
da max	103 mm
Da min	145 mm
da min	92
ALPHA_	0.217
LangID	1
Weight	6,23 Kg
r min.	2,1 mm
ra max.	2 mm
da min.	92 mm
Da max.	158 mm
D_a min	145
series:	223
TSR rpm	3200
D_a max	158
hidYobi	22316EAE4
GRS rpm	2600
Oil rpm	3400
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	80x170x58
Inventory	0.0
Macha rpm	3800
Enclosure	Open
bore type:	Straight
Prod_Type3	SRB_CTB_CB
cage type:	Roller Guided

Width (mm)	58
maximum rpm:	3400 RPM
Bore Profile	Straight
Weight / LBS	6.28
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22316EAE4
overall width:	58 mm
bore diameter:	80 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	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Outside Diameter	6.693 Inch   170 Millimeter
Long Description	80MM Straight Bore; 170MM Outside Diameter; 58MM 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:	170 mm
Withdrawal Sleeve	Not Applicable

bearing material:	Steel
Manufacturer Name	NSK
Weight / Kilogram	6.28
outer ring width:	58 mm
precision rating:	RBEC 1 (ISO Class Normal)
Bore Diameter (mm)	80
Internal Clearance	C0-Medium
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
Outer Diameter (mm)	170
internal clearance:	C0
Minimum Buy Quantity	N/A
static load capacity:	565000 N
Calculation factor (e)	0,33
lubrication hole type:	Lubrication Groove & Hole
dynamic load capacity:	540000 N
Harmonized Tariff Code	84823080
Calculation factor (Y2)	3
(Oil) Lubrication Speed	3000 r/min
Calculation factor (Y0)	2
Manufacturer Item Number	22316EAE4
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)	565 kN
Basic dynamic load rating (C)	435 kN