



Bearing No. 21316EAE4

e	0.23
d	80 mm
B	39 mm
D	170 mm
C	39 mm
r	2.1
Y2	4.4
D_	170
Y1	3
Z_	19
B_	39
Y0	2.9
ra	2
C0	375
X0	1
X1	1
X2	0.67
Y3	3
DI_	111.26
DA_	18.74
HPS	HPS
SIR	15.65
DE_	148.32
mass	4.32
ALP3	0
ALP1	8
ALP2	35
SDM_	129.79
bomp	21316EAE4
Bore	3.15 Inch   80 Millimeter

SBRG	3
KBRG	2328
yobi	21316EAE4
Noun	Bearing
Width	1.535 Inch   39 Millimeter
UNSPSC	31171510
da max	109 mm
Da min	146 mm
da min	92
ALPHA_	0.15
LangID	1
Weight	4,32 Kg
r min.	2,1 mm
ra max.	2 mm
da min.	92 mm
Da max.	158 mm
D_a min	146
series:	213
TSR rpm	3800
D_a max	158
hidYobi	21316EAE4
GRS rpm	3000
Oil rpm	3800
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	80x170x39
Inventory	0.0
Macha rpm	4800
Enclosure	Open
bore type:	Straight
Prod_Type3	SRB_CTB_CB
cage type:	Roller Guided

Width (mm)	39
maximum rpm:	3800 RPM
Bore Profile	Straight
Weight / LBS	4.4
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	21316EAE4
overall width:	39 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; 39MM 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	4.4
outer ring width:	39 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:	375000 N
Calculation factor (e)	0,23
lubrication hole type:	Lubrication Groove & Hole
dynamic load capacity:	355000 N
Harmonized Tariff Code	84823080
Calculation factor (Y2)	4,4
(Oil) Lubrication Speed	3600 r/min
Calculation factor (Y0)	2,9
Manufacturer Item Number	21316EAE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication Speed	2800 r/min
operating temperature range:	Maximum of +200 °C
Basic static load rating (C0)	375 kN
Basic dynamic load rating (C)	284 kN