21316EAE4 NSK yobi 21316EAE4 80x170x39mm Spherical roller bearings

Bearing number	21316EAE4
Size (mm)	80x170x39
Brand	NSK
Bore Diameter (mm)	80
Outer Diameter (mm)	170
Width (mm)	39
d	80 mm
D	170 mm
B	39 mm
C	39 mm
r min.	2.1 mm
da min.	92 mm
da max	109 mm
Da min	146 mm
Da max.	158 mm
ra max.	2 mm
Weight	4.32 Kg
Basic dynamic load rating (C)	284 kN
Basic static load rating (C0)	375 kN
(Grease) Lubrication Speed	2800 r/min
(Oil) Lubrication Speed	3600 r/min
Calculation factor (e)	0.23
Calculation factor (Y0)	2.9
Calculation factor (Y2)	4.4
Category	Spherical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	4.4
EAN	0029176416149
Product Group - BDI	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Inch - Metric	Metric
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
Category - BDI	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	8482.10.80
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	21316EAE4
Weight / LBS	4.4
Outside Diameter	6.693 Inch | 170 Millimeter
Adapter Part Number	Not Applicable Inch | Not Applicable Millimeter
Bore	3.15 Inch | 80 Millimeter
Width	1.535 Inch | 39 Millimeter
bore diameter:	80 mm
maximum rpm:	3800 RPM
outside diameter:	170 mm
operating temperature range:	Maximum of +200 °C
overall width:	39 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Roller Guided
internal clearance:	C0
precision rating:	ABEC 1 (ISO Class Normal)
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	39 mm
dynamic load capacity:	355000 N
fillet radius:	2.1 mm
static load capacity:	375000 N
series:	213
Y3	3
hidTubi	21316EAE4
LangID	1
Y1	3
D_	170
Y2	4.4
Macha rpm	4800
B_	39
CAD	https://service.web2cad.co.jp/pcom/maker_login.php?Maker=NSK_RB&language=ja&info=nsk_rb/roller_bearings/spherical_rb/cylindrical_bore_asmtab.prj&varset={STAN=MPS}.{ORDER=21316EAE4}.{D=80}.{D=170}.{B=39.0}.{R=2.1}.{CR1=355000}.{COR1=375000}.{LT=3800}.{LM=4800}.{LG=3000}.{LO=3800}.{DA1=92}.{DA2=109.000}.{DA3=158}.{DA4=146}.{RA=2.0}.{E=0.23}.{Y2=4.4}.{Y3=3.0}.{Y0=2.9}.{MASS=4.32}
da min	92
hidTable	ecat_MSSPMR
Oil rpm	3800
Y0	2.9
mass	4.32
GRS rpm	3000
ra	2
TSR rpm	3800
C0	375
DI_	148.32
X0	1
Prod_Type3	SRB_CTB_CB
X1	1
X2	0.67
SIR	15.65
e	0.23
DA_	18.74
bomp	21316EAE4
Z_	19
ALP2	35
ALP1	8
ALP3	0
D_a max	158
D_a min	146
yobi	21316EAE4
HPS	HPS
ALPHA_	0.15
SDM_	129.79
r	2.1
KBRG	2328
SBRG	3
DI_	111.26
calcUrl	/BearingGuide/html/calculation.jsp