22217EAKE4 NSK 85x150x36mm X0 1 Spherical roller bearings

Bearing number	22217EAKE4
Size (mm)	85x150x36
Brand	NSK
Bore Diameter (mm)	85
Outer Diameter (mm)	150
Width (mm)	36
d	85 mm
D	150 mm
B	36 mm
C	36 mm
r min.	2 mm
da min.	95 mm
da max	101 mm
Da min	135 mm
Da max.	140 mm
ra max.	2 mm
Weight	2.54 Kg
Basic dynamic load rating (C)	250 kN
Basic static load rating (C0)	325 kN
(Grease) Lubrication Speed	3000 r/min
(Oil) Lubrication Speed	3800 r/min
Calculation factor (e)	0.22
Calculation factor (Y0)	3
Calculation factor (Y2)	4.6
Category	Spherical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	2.6
EAN	0029176411366
Product Group – BDI	804311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AHX317 (Specify bore)
Inch – Metric	Metric
Long Description	85MM Tapered Bore; 150MM Outside Diameter; 36MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Number – H317 (Specify bore)
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category – BDI	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	8482.3080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	22217EAKE4
Weight / LBS	2.6
Width	1.417 Inch | 36 Millimeter
Outside Diameter	5.906 Inch | 150 Millimeter
Bore	3.346 Inch | 85 Millimeter
Adapter Part Number	SNW17 H317 HA317 HE317 (Specify Bore) Inch | H317 (Specify bore) Millimeter
bore diameter:	85 mm
maximum rpm:	4300 RPM
outside diameter:	150 mm
operating temperature range:	Maximum of +200 °C
overall width:	36 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
cage type:	Roller Guided
internal clearance:	C0
precision rating:	RBEC 1 (ISO Class Normal)
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	36 mm
dynamic load capacity:	310000 N
fillet radius:	2 mm
static load capacity:	325000 N
series:	222
Y3	3.1
hidTobi	22217EAKE4
LangID	1
Y1	3
D_	150
Y2	4.6
Macha rpm	5600
B_	36
CAD	https://service.web2cad.co.jp/pcom/maker_login.php?Maker=NSK_RB&language=ja&info=nsk_rb/roller_bearings/spherical_rb/tapered_bore_asmtab.prj&varset={STAN=MPS}.{ORDER=22217EAKE4}.{SD=85}.{D=150}.{B=36.0}.{R=2.0}.{CR1=310000}.{COR1=325000}.{LT=4000}.{LM=5600}.{LG=3400}.{LO=4300}.{DA1=95}.{DA2=101}.{DA3=140}.{DA4=135}.{RA=2.0}.{E=0.22}.{Y2=4.6}.{Y3=3.1}.{Y0=3.0}.{MASS=2.54}
da min	95
hidTable	ecat_NSSPMR
Oil rpm	4300
Y0	3
mass	2.54
GRS rpm	3400
ra	2
TSR rpm	4000
C0	325
DE_	137.026
XB	1
Prod_Type3	SNB_CTB_TB
X1	1
X2	0.67
SIR	13.89
e	0.22
DA_	17.24
bomp	22217EAKE4
Z_	20
ALP2	22
ALP1	0
ALP3	0
D_a max	140
D_a min	135
yobi	22217EAKE4
mPS	MPS
ALPHA_	0.146
SDM_	119.969
r	2
KBRG	2528
SBRG	22
DI_	102.913
calcUrl	/BearingGuide/html/calculation.jsp