



Tapered Bore

Bearing No. 22217EAKE4

e	0.22
d	85 mm
B	36 mm
D	150 mm
C	36 mm
r	2
Y2	4.6
D_	150
Y1	3
Z_	20
B_	36
Y0	3
ra	2
C0	325
X0	1
X1	1
X2	0.67
Y3	3.1
DI_	102.913
DA_	17.24
HPS	HPS
SIR	13.89
DE_	137.026
mass	2.54
ALP3	0
ALP1	8
ALP2	22
SDM_	119.969
bomp	22217EAKE4
yobi	22217EAKE4

SBRG	22
KBRG	2328
Noun	Bearing
Bore	3.346 Inch 85 Millimeter
Width	1.417 Inch 36 Millimeter
ALPHA_	0.146
Da min	135 mm
UNSPSC	31171510
da min	95
Weight	2,54 Kg
r min.	2 mm
LangID	1
da max	101 mm
da min.	95 mm
GRS rpm	3400
Oil rpm	4300
hidYobi	22217EAKE4
TSR rpm	4000
series:	222
D_a min	135
Da max.	140 mm
D_a max	140
ra max.	2 mm
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	85x150x36
Inventory	0.0
Enclosure	Open
Macha rpm	5600
bore type:	Tapered 1:12
cage type:	Roller Guided

Width (mm)	36
Prod_Type3	SRB_CTB_TB
maximum rpm:	4300 RPM
Bore Profile	Tapered
Weight / LBS	2.6
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22217EAKE4
overall width:	36 mm
cage material:	Steel
Relubricatable	Yes
fillet radius:	2 mm
Keyword String	Spherical
bore diameter:	85 mm
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Mounting Method	Adapter Mount
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
outer ring type:	Not Split
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 Nu
Outside Diameter	5.906 Inch 150

	Millimeter
Manufacturer URL	http://www.nskamericas.com
outside diameter:	150 mm
Manufacturer Name	NSK
outer ring width:	36 mm
Withdrawal Sleeve	AHX317 (Specify bore)
Weight / Kilogram	2.6
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
Internal Clearance	C0-Medium
Bore Diameter (mm)	85
Adapter Part Number	SNW17 H317 HA317 HE317 (Specify Bore) Inch H317 (Specify bore) Millimeter
Outer Diameter (mm)	150
internal clearance:	C0
Minimum Buy Quantity	N/A
static load capacity:	325000 N
dynamic load capacity:	310000 N
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
Calculation factor (e)	0,22
Calculation factor (Y2)	4,6
Calculation factor (Y0)	3
(Oil) Lubrication Speed	3800 r/min
Manufacturer Item Number	22217EAKE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication Speed	3000 r/min

operating temperature range:	Maximum of +200 °C
Basic static load rating (C0)	325 kN
Basic dynamic load rating (C)	250 kN