

22217EAE4 NSK 85x150x36mm

Category Spherical Roller

Bearings Spherical roller

bearings

Bearing Number	22217EAE4
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
d _a min.	87 mm
d _a max.	101 mm
D _a min.	135 mm
D _a max.	149 mm
r _a min.	2 mm
Weight	2.54 Kg
Basic dynamic load rating (C)	250 kN
Basic static load rating (C0)	325 kN
(Grease) Lubrication Speed (GSI)	3000 r/min
(Oil) Lubrication Speed	3000 r/min
Calculation factor (a)	0.22
Calculation factor (Y1)	3
Calculation factor (Y2)	4.0
Category	Spherical Roller Bearings
ISO Symbol	85 3
Manufacturer Name	NSK
Minimum Qty	N/A
Weight / Kilogram	2.42
SKU	00201761262
Product Group - ISO	040111
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	85MM Straight Bore; 150MM Outside Diameter; 36MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category - ISO	Spherical Roller Bearing
UNSPSC	31112100
Harmonized Tariff Code	84823000
HSN	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	22217EAE4
Weight / LBS	2.42
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Bore	3.346 Inch 85 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
Width	1.417 Inch 36 Millimeter
Bore Diameter1	85 mm
Machine rpm	4100 RPM
outside diameter:	150 mm
operating temperature range:	Maximum of +200 °C
overall width:	36 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Roller Guided
internal clearance:	C0
precision rating:	BBEC 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
FLTR1 (mm):	2 mm
static load capacity:	325000 N
surface:	222
Y1	3.1
ISO9001	22217EAE4
LangID	1
Y2	3.1
Q	100
Y3	4.0
Machine rpm	5600
Q	
da min	95
ISO9001	exact NSK999
ISO rpm	4100
Y0	3
mm	2.54
ISO rpm	3400
ra	2
ISO rpm	4000
C0	225
ISO	137.026
ISO	4
Prod_Type3	580_C15_C0
X0	1
X1	0.67
X2	13.50
a	0.22
ISO	217.24
bore	22217EAE4
Z	20
ALP1	22
ALP2	0
ALP3	0
D_a max	149
D_a min	135
yoSk	22217EAE4
SPS	SPS
ALP4	0.145
SPL	119.969
r	2
ISO6	2120
ISO6	22
ISO	102.101
calc01	/BearingGuide/Calculation.jsp