

# 21317EAE4 NSK 85x180x41mm LangID 1 Spherical roller bearings

Bearing number	21317EAE4
Size (mm)	85x180x41
Brand	NSK
Bore Diameter (mm)	85
Outer Diameter (mm)	180
Width (mm)	41
d	85 mm
D	180 mm
B	41 mm
C	41 mm
r min.	3 mm
da min.	99 mm
Da min.	180 mm
Da max.	182 mm
ra max.	166 mm
ra max.	2.5 mm
Weight	5.2 kg
Basic dynamic load rating (C)	289 kN
Basic static load rating (C0)	395 kN
Lubrication (Grease)	
Lubrication Speed (GSI)	2800 r/min
Lubrication Speed (GSI)	3600 r/min
Calculation factor (f1)	0.24
Calculation factor (f2)	2.8
Calculation factor (f3)	4.3
Category	Spherical Roller Bearings
ISO Inventory	0-0
Manufacturer Name	NSK
Minimum Qty	N/A
Weight / Kilogram	5.4
Product Group - ISO	0929176410010
Internal Clearance	CO-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Material	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withstand Sleeve	Not Applicable
Inch - Metric	Metric
Temp Description	ISO9001 Straight Bore; ISO9001 Outer Diameter; 4000 W200; CO-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category - ISO	Spherical Roller Bearing
UNSC	3171510
Normalized Tuffit Code	84620000
Icon	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	21317EAE4
Weight / LBS	5.38
Bore	3.346 Inch   85 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
Outside Diameter	7.087 Inch   180 Millimeter
Width	1.614 Inch   41 Millimeter
Bore diameter: maximum rpm:	85 mm 4000 RPM
Outside diameter:	180 mm
Operating temperature range:	Maximum of +200 °C
overall width:	41 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Roller Guided
internal clearance:	CO
precision rating:	P0EC 1 (ISO Class Normal)
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	41 mm
dynamic load capacity:	300000 N
fillet radius:	3 mm
static load capacity:	395000 N
series:	213
ISO code:	3000
ISO code:	300
Y1	2.0
ISO code:	21317EAE4
LangID	1
Y1	2.0
W	180
Y2	4.3
Width rpm	3000
W	41
ISO code:	<a href="https://service.webid.nsk.jp/pcm/maker_login.php?maker=NSK&amp;lang=en">https://service.webid.nsk.jp/pcm/maker_login.php?maker=NSK&amp;lang=en</a>
da min	99
ISO code:	NSK
ISO code:	4000
Y0	2.0
W	5.2
W	3000
ISO rpm	3000
ra	2.5
ISO	145.223
ISO	3
Prod Type3	SRB_C10_CB
SI	4
X2	0.47
SIR	15.0
X	0.24
SA	17.83
bump	21317EAE4
Z	28
ALP1	93
ALP1	0
ALP1	0
D_a_max	182
D_a_min	162
YMS	21317EAE4
MS	MS
ALPHA	0.156
ISO	127.609
Z	28
ISO	213
ISO	3
SI	309.994
catdir1	/bearingguide/html/calculation.jsp