

# 21315EAKE4 NSK 75x160x37mm DA\_17.24 Spherical roller bearings

Bearing number	21315EAKE4
Size (mm)	75x160x37
Brand	NSK
Bore Diameter (mm)	75
Outer Diameter (mm)	160
Width (mm)	37
d	75 mm
D	160 mm
B	37 mm
C	37 mm
r min.	2.3 mm
d <sub>a</sub> min.	87 mm
d <sub>e</sub> max.	101 mm
D <sub>e</sub> min.	134 mm
D <sub>e</sub> max.	148 mm
r <sub>e</sub> max.	2 mm
Weight	3.64 Kg
Basic dynamic load rating (C)	250 kN
Basic static load rating (C0)	325 kN
(Grease) Lubrication Speed	3800 r/min
(Oil) Lubrication Speed	3800 r/min
Calculation factor (a1)	0.22
Calculation factor (a2)	3
Calculation factor (a3)	4.4
Category	Spherical Roller Bearings
ISO Inventory	0-0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	3.75
SKU	0020176410073
Product Group - NSI	004311
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	HS15 (Specify bore)
Inch - Metric	Metric
Long Description	75mm Tapered Bore; 160mm Outside Diameter; 37mm Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Number - HS15 (Specify bore)
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category - NSI	Spherical Roller Bearing
HSN/CN	311210
Harmonized Tariff Code	84829000
Mean	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
Manufacturer Item Number	21315EAKE4
Weight / LBS	0
Adapter Part Number	SM15 HS15 HS15 HS15 (Specify Bore) Inch   HS15 (Specify bore) Millimeter
Width	1.457 Inch   37 Millimeter
Outside Diameter	6.299 Inch   160 Millimeter
Bore	2.953 Inch   75 Millimeter
Y0	3.1
Y1	21315EAKE4
LangID	1
Y1	3
Q	160
Y2	4.4
Y3	37
Q	<a href="https://service.webdcd.co.jp/pc/maker_login.php?maker=NSK&amp;lang=en">https://service.webdcd.co.jp/pc/maker_login.php?maker=NSK&amp;lang=en</a> ; <a href="http://www.nskamericas.com">http://www.nskamericas.com</a>
d <sub>a</sub> min	87
Relubricatable	www.nsk.com
Oil rpm	4000
Y0	3
max	3.64
ISO rpm	3200
rg	2
ISO rpm	4000
C0	325
02	137.026
00	1
Prod Type3	SRO C18 18
X1	1
X2	0.57
S25	13.89
e	0.22
DA	17.24
homo	21315EAKE4
Z	20
ALP2	22
ALP1	6
ALP3	0
D <sub>a</sub> max	148
D <sub>e</sub> min	134
ym01	21315EAKE4
MPS	MPS
ALPM	0.140
S01	119.969
r	2.3
ISO	2120
S02	3
02	102.913
calc01	/bearingcalc.htm/calculation.jsp