

22216EAE4 NSK 80x140x33mm

Macha rpm 6000 Spherical roller bearings

Bearing number	22216EAE4
Size (mm)	80x140x33
Brand	NSK
Bore Diameter (mm)	80
Outer Diameter (mm)	140
Width (mm)	33
d	80 mm
D	140 mm
B	33 mm
C	33 mm
r min.	2 mm
da min.	80 mm
da max.	84 mm
Da min.	138 mm
Da max.	142 mm
ra max.	2 mm
Weight	2.81 kg
Basic dynamic load rating (C)	211 kN
Basic static load rating (C0)	275 kN
(Grease) Lubrication Speed	3200 r/min
(Oil) Lubrication Speed	4000 r/min
Calculation factor (f1)	0.22
Calculation factor (f2)	3
Calculation factor (f3)	4.0
Category	Spherical Roller Bearings
ISO Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	2.8
EAN	002979412790
Product Group - ISO	084311
Internal Clearance	CO-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
Retainable Shims	Not Applicable
Inch - Metric	Metric
Temp. Description	8000 Straight Bore; 14000 Outside Diameter; 3300 Width; CO-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category - ISO	Spherical Roller Bearing
HSN	317110
Harmonized Tariff Code	84823000
NSN	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	22216EAE4
Weight / LBS	2.3
Outside Diameter	5.512 Inch 140 Millimeter
Bore	3.15 Inch 80 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Width	1.299 Inch 33 Millimeter
bore diameter:	80 mm
maximum rpm:	4500 RPM
outside diameter:	140 mm
operating temperature range:	Maximum of +200 °C
overall width:	33 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Roller Guided
internal clearance:	CO
precision rating:	BBEC 1 (ISO Class Normal)
closure type:	Open
finish/rounding:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	33 mm
dynamic load capacity:	264000 N
filler material:	2 mm
static load capacity:	275000 N
series:	222
YS	3.3
LangD	22216EAE4
YS	3.3
D	140
Y2	4.0
Macha rpm	6000
Q	13
CAD	https://service.ahb2ad.co.jp/ecom/maker_login.php?maker=NSK_M61language=uk&infoform=sk_rbr/roller_bearings/spherical_rbr/ylspherical_bore_washbar-17&part=ST&M=PPJ_(0000)-22216EAE4_(00-01)-(00-140)-(0-33.0)-(0-2.0)-(01+204000)-(001+275000)-(L1+8000)-(L0+6000)-(L0+3000)-(L0+5000)-(DA1+90)-(DA2+94.000)-(DA3+130)-(DA4+120)-(EM+2.0)-(EM+2.2)-(Y2+4.0)-(Y3+1.1)-(Y0+1.0)-(M05+2.01)
da min	80
da max	84
d	80
D	140
B	33
C	33
r min.	2
da min.	80
da max.	84
Da min.	138
Da max.	142
ra max.	2
Weight	2.81
Basic dynamic load rating (C)	211
Basic static load rating (C0)	275
(Grease) Lubrication Speed	3200
(Oil) Lubrication Speed	4000
Calculation factor (f1)	0.22
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Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Retainable Shims	Not Applicable
Inch - Metric	Metric
Temp. Description	8000 Straight Bore; 14000 Outside Diameter; 3300 Width; CO-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
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Bore	3.15 Inch 80 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
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bore diameter:	80 mm
maximum rpm:	4500 RPM
outside diameter:	140 mm
operating temperature range:	Maximum of +200 °C
overall width:	33 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Roller Guided
internal clearance:	CO
precision rating:	BBEC 1 (ISO Class Normal)
closure type:	Open
finish/rounding:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	33 mm
dynamic load capacity:	264000 N
filler material:	2 mm
static load capacity:	275000 N
series:	222
YS	3.3
LangD	22216EAE4
YS	3.3
D	140
Y2	4.0
Macha rpm	6000
Q	13
CAD	https://service.ahb2ad.co.jp/ecom/maker_login.php?maker=NSK_M61language=uk&infoform=sk_rbr/roller_bearings/spherical_rbr/ylspherical_bore_washbar-17&part=ST&M=PPJ_(0000)-22216EAE4_(00-01)-(00-140)-(0-33.0)-(0-2.0)-(01+204000)-(001+275000)-(L1+8000)-(L0+6000)-(L0+3000)-(L0+5000)-(DA1+90)-(DA2+94.000)-(DA3+130)-(DA4+120)-(EM+2.0)-(EM+2.2)-(Y2+4.0)-(Y3+1.1)-(Y0+1.0)-(M05+2.01)
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Internal Clearance	CO-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
Retainable Shims	Not Applicable
Inch - Metric	Metric
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outside diameter:	140 mm
operating temperature range:	Maximum of +200 °C
overall width:	33 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Roller Guided
internal clearance:	CO
precision rating:	BBEC 1 (ISO Class Normal)
closure type:	Open
finish/rounding:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	33 mm
dynamic load capacity:	264000 N
filler material:	2 mm
static load capacity:	275000 N
series:	222
YS	3.3
LangD	22216EAE4
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Macha rpm	6000
Q	13
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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
Retainable Shims	Not Applicable
Inch - Metric	Metric
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overall width:	33 mm
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bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Roller Guided
internal clearance:	CO
precision rating:	BBEC 1 (ISO Class Normal)
closure type:	Open
finish/rounding:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
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