

22218EAE4 NSK 90x160x40mm

outside diameter: 160 mm

Spherical roller bearings

Bearing number	22218EAE4
Size (mm)	90x160x40
Brand	NSK
Bore Diameter (mm)	90
Outer Diameter (mm)	160
Width (mm)	40
d	90 mm
D	160 mm
B	40 mm
C	40 mm
r min.	2 mm
da min.	100 mm
da max.	180 mm
Da min.	142 mm
Da max.	150 mm
ra max.	2 mm
Weight	2.3 kg
Basic dynamic load rating (C)	280 kN
Basic static load rating (C0)	395 kN
(Grease) Lubrication Speed	2000 r/min
(Oil) Lubrication Speed	3000 r/min
Calculation factor (e)	0.24
Calculation Factor (f1)	2.0
Calculation Factor (f2)	4.3
Category	Spherical Roller Bearings
ISO Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / kilogram	3.4
EAN	002017641300
Product Group - ISO	084111
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
Without Slits	Not Applicable
ISO - Metric	NSK
ISO - Description	180MM Straight Bore; 160MM Outside Diameter; 40MM Width; CO-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category - ISO	Spherical Roller Bearing
UNSPSC	31172510
Harmonized Tariff Code	04023000
Mean	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	22218EAE4
Weight / LBS	3.4
Width	1.575 Inch 40 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Mean	3.543 Inch 90 Millimeter
bore diameter:	90 mm
maximum rpm:	4000 RPM
outside diameter:	160 mm
operating temperature range:	Maximum of +200 °C
overall width:	40 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Roller Guided
internal clearance:	CO
precision rating:	PREC 1 (ISO Class Normal)
closure type:	Open
lubrication:	Lubricated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	40 mm
dynamic load capacity:	300000 N
static load capacity:	2 mm
series:	300000 N
Y1	222
Y2	2.0
Y3	4.3
Y4	3.000
Y5	40
ISO	22218EAE4
ISO	1
ISO	2.0
ISO	3.3
ISO	3200
ISO	2
ISO	3000
ISO	395
ISO	345-223
ISO	1
ISO	180_C10_C8
ISO	1
ISO	0.47
ISO	15.0
ISO	0.25
ISO	17.03
ISO	22218EAE4
ISO	20
ISO	55
ISO	8
ISO	8
ISO	150
ISO	142
ISO	22218EAE4
ISO	8PS
ISO	0.156
ISO	137-069
ISO	2
ISO	2320
ISO	22
ISO	109.084
ISO	22218EAE4
ISO	/BearingGuide.html/calculation.jsp