

22218EAKE4 NSK D_a max 150 90x160x40mm Spherical roller bearings

Bearing number	22218EAKE4
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.	108 mm
Da min.	142 mm
Da max.	150 mm
ra max.	2 mm
Weight	3.3 Kg
Basic dynamic load rating (C)	289 kN
Basic static load rating (C0)	395 kN
Lubrication Speed (Greas)	2800 r/min
(Oil)	
Lubrication Speed	3600 r/min
Calculation factor (a)	0.24
Calculation factor (F0)	2.0
Calculation factor (F2)	4.3
Category	Spherical Roller Bearings
BSI Inventory	0 5
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	3.36
Part	00207041400
Product Group - BSI	004311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Bore Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	HS318 (Specify bore)
Inch - Metric	Metric
Long Description	50MM Tapered Bore; 160MM Outside Diameter; 40MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Number - HS18 (Specify bore)
Other Features	Order adapter or withdrawal sleeve or not separately. Others may be available
Category - BSI	Spherical Roller Bearing
HS6C	3111100
Harmonized Tariff Code	84020000
Mean	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	22218EAKE4
Weight / LBS	3.36
Adapter Part Number	50M18 HS18 HS318 HS318 (Specify bore) Inch HS18 (Specify bore) Millimeter
Width	3.575 Inch 40 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
Bore	3.543 Inch 90 Millimeter
bore diameter:	90 mm
maximum rpm:	4800 rpm
outside diameter:	160 mm
operating temperature range:	Maximum of +200 °C
overall width:	40 mm
cage material:	Steel
bore type:	Tapered 1:12
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:	40 mm
dynamic load capacity:	360000 N
fatigue failure:	2 mm
static load capacity:	395000 N
Y0	272
Y1	2.5
Y2	22218EAKE4
LangID	1
Y3	2.5
D	160
Y4	4.3
Y5	5000
B	40
CAD	