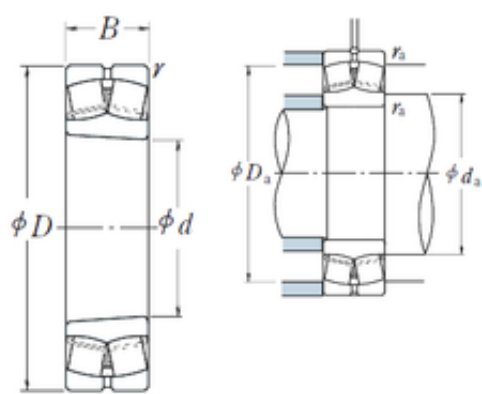




Tapered Bore

Bearing No. 22218EAKE4

e	0.24
d	90 mm
B	40 mm
D	160 mm
C	40 mm
r	2
Y2	4.3
D_	160
Y1	2.8
Z_	20
B_	40
Y0	2.8
ra	2
C0	395
X0	1
X1	1
X2	0.67
Y3	2.9
DI_	109.994
DA_	17.83
HPS	HPS
SIR	15.9
DE_	145.223
mass	3.3
ALP3	0
ALP1	8
ALP2	55
SDM_	127.609
bomp	22218EAKE4
yobi	22218EAKE4

SBRG	22
KBRG	2328
Noun	Bearing
Bore	3.543 Inch 90 Millimeter
Width	1.575 Inch 40 Millimeter
Da min	142 mm
UNSPSC	31171510
ALPHA_	0.156
Weight	3,3 Kg
da max	108 mm
r min.	2 mm
LangID	1
da min	100
da min.	100 mm
Oil rpm	4000
GRS rpm	3200
hidYobi	22218EAKE4
TSR rpm	3800
series:	222
D_a min	142
Da max.	150 mm
D_a max	150
ra max.	2 mm
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	90x160x40
Inventory	0.0
Enclosure	Open
Macha rpm	5000
bore type:	Tapered 1:12
cage type:	Roller Guided

Width (mm)	40
Prod_Type3	SRB_CTB_TB
maximum rpm:	4000 RPM
Bore Profile	Tapered
Weight / LBS	3.36
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22218EAKE4
overall width:	40 mm
cage material:	Steel
Relubricatable	Yes
fillet radius:	2 mm
Keyword String	Spherical
bore diameter:	90 mm
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Mounting Method	Adapter Mount
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
outer ring type:	Not Split
Long Description	90MM 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 Nu
Outside Diameter	6.299 Inch 160

	Millimeter
Manufacturer URL	http://www.nskamericas.com
outside diameter:	160 mm
Manufacturer Name	NSK
outer ring width:	40 mm
Withdrawal Sleeve	AHX318 (Specify bore)
Weight / Kilogram	3.36
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
Internal Clearance	C0-Medium
Bore Diameter (mm)	90
Adapter Part Number	SNW18 H318 HA318 HS318 (Specify Bore) Inch H318 (Specify bore) Millimeter
Outer Diameter (mm)	160
internal clearance:	C0
Minimum Buy Quantity	N/A
static load capacity:	395000 N
dynamic load capacity:	360000 N
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
Calculation factor (e)	0,24
Calculation factor (Y2)	4,3
Calculation factor (Y0)	2,8
(Oil) Lubrication Speed	3600 r/min
Manufacturer Item Number	22218EAKE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication Speed	2800 r/min

operating temperature range:	Maximum of +200 °C
Basic static load rating (C0)	395 kN
Basic dynamic load rating (C)	289 kN