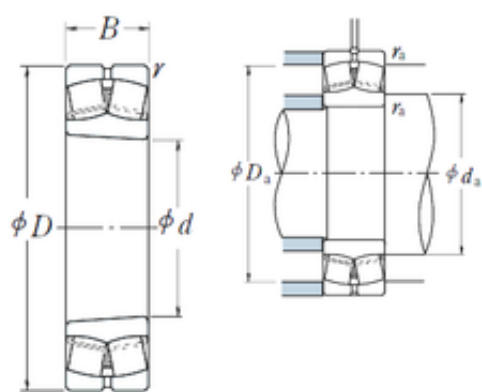




Tapered Bore

Bearing No. 22318EAKE4

e	0.33
d	90 mm
B	64 mm
D	190 mm
C	64 mm
r	3
Y2	3.1
D_	190
Y1	2
Z_	16
B_	64
Y0	2
ra	2.5
C0	705
X0	1
X1	1
X2	0.67
Y3	2.1
DI_	119.965
DA_	25.62
HPS	HPS
SIR	26.15
DE_	170.038
mass	8.56
ALP3	0
ALP1	12
ALP2	15
SDM_	145.002
bomp	22318EAKE4
yobi	22318EAKE4

SBRG	23
KBRG	2328
Noun	Bearing
Bore	3.543 Inch 90 Millimeter
Width	2.52 Inch 64 Millimeter
Da min	163 mm
UNSPSC	31171510
ALPHA_	0.214
Weight	8,56 Kg
da max	115 mm
r min.	3 mm
LangID	1
da min	104
da min.	104 mm
Oil rpm	3000
GRS rpm	2400
hidYobi	22318EAKE4
TSR rpm	2800
series:	223
D_a min	163
Da max.	176 mm
D_a max	176
ra max.	2,5 mm
hidTable	ecat_NSSPHR
Category	Spherical Roller Bearing
Size (mm)	90x190x64
Inventory	0.0
Enclosure	Open
Macha rpm	3000
bore type:	Tapered 1:12
cage type:	Roller Guided
Width (mm)	64

Prod_Type3	SRB_CTB_TB
maximum rpm:	3000 RPM
Bore Profile	Tapered
Weight / LBS	0
Inch - Metric	Metric
closure type:	Open
Cage Material	Steel
Product Group	B04311
Bearing number	22318EAKE4
overall width:	64 mm
cage material:	Steel
Relubricatable	Yes
fillet radius:	3 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; 190MM Outside Diameter; 64MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu
Outside Diameter	7.48 Inch 190 Millimeter

Manufacturer URL	http://www.nskamericas.com
outside diameter:	190 mm
Manufacturer Name	NSK
outer ring width:	64 mm
Withdrawal Sleeve	AHX2318 (Specify bore)
Weight / Kilogram	8.5
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
Internal Clearance	C0-Medium
Bore Diameter (mm)	90
Adapter Part Number	SNW118 H2318 HA2318 HE2318 (Specify Bore) Inch H2318 (Specify bore) Millimeter
Outer Diameter (mm)	190
internal clearance:	C0
Minimum Buy Quantity	N/A
static load capacity:	705000 N
dynamic load capacity:	665000 N
Harmonized Tariff Code	84823080
lubrication hole type:	Lubrication Groove & Hole
Calculation factor (e)	0,33
Calculation factor (Y2)	3,1
Calculation factor (Y0)	2
(Oil) Lubrication Speed	2600 r/min
Manufacturer Item Number	22318EAKE4
Number of Rows of Rollers	Double Row
(Grease) Lubrication Speed	2200 r/min

operating temperature range:	Maximum of +200 °C
Basic static load rating (C0)	705 kN
Basic dynamic load rating (C)	535 kN