21318EAKE4 NSK Internal Clearance C0-Medium 90x190x43mm Spherical roller bearings

Bearing number	21318EAKE4
Size (mm)	90x190x43
Brand	NSK
Bore Diameter (mm)	90
Outer Diameter (mm)	190
Width (mm)	43
d	90 mm
D	190 mm
B	43 mm
C	43 mm
r min.	3 mm
da min.	104 mm
da max	115 mm
Da min	152 mm
Da max.	176 mm
ra max.	2.5 mm
Weight	6.1 Kg
Basic dynamic load rating (C)	330 kN
Basic static load rating (C0)	450 kN
(Grease) Lubrication Speed	2600 r/min
(Oil) Lubrication Speed	3400 r/min
Calculation factor (e)	0.24
Calculation factor (Y0)	2.8
Calculation factor (Y2)	4.3
Category	Spherical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	6.2
EAN	002017641096 3
Product Group – BDI	B04311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AH318 (Specify bore)
Inch – Metric	Metric
Long Description	90MM Tapered Bore; 190MM Outside Diameter; 43MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Number – H318 (Specify bore)
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category – BDI	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	8482308 0
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	21318EAKE4
Weight / LBS	0
Adapter Part Number	SNW18 H318 HA318 H5318 (Specify Bore) Inch | H318 (Specify bore) Millimeter
Width	1.693 Inch | 43 Millimeter
Outside Diameter	7.48 Inch | 190 Millimeter
Bore	3.543 Inch | 90 Millimeter
Y3	2.9
hidYobi	21318EAKE4
LangID	1
Y1	2.8
D_	190
Y2	4.3
Macha rpm	4500
B_	43
CAD	https://service.web2cad.co.jp/pcom/maker_login.php?Maker=NSK_RB&language=ja&info=nsk_rb/roller_bearings/spherical_rb/tapered_bore_asmtab.prj&varset={STAN=HPS}.{ORDER=21318EAKE4}.{SD=90}.{D=190}.{B=43.0}.{R=3.0}.{CR1=415000}.{COR1=450000}.{LT=3600}.{LUM=4500}.{LG=2800}.{LO=3600}.{DA1=104}.{DA2=115}.{DA3=176}.{DA4=152}.{RA=2.5}.{E=0.24}.{Y2=4.3}.{Y3=2.9}.{Y0=2.8}.{MASS=6.10}
da min	104
hidTable	ecat_NSSPMR
Oil rpm	3600
Y0	2.8
mass	6.1
GMS rpm	2800
ra	2.5
TSR rpm	3600
C0	450
DE_	155.103
X0	1
Prod_Type3	SRB_CTB_TB
X1	1
X2	0.67
SIR	17.22
e	0.24
DA_	10.3
bomp	21318EAKE4
Z_	20
ALP2	55
ALP1	8
ALP3	0
D_a max	176
D_a min	152
yobi	21318EAKE4
HPS	HPS
ALPHA_	0.156
SDM_	136.036
Y	3
KBRG	2328
SBRG	3
DI_	116.969
calcUrl	/BearingGuide/html/calculation.jsp