24124CE4 NSK 120x200x80mm Oil rpm 1800 Spherical roller bearings

Bearing number	24124CE4
Size (mm)	120x200x80
Brand	NSK
Bore Diameter (mm)	120
Outer Diameter (mm)	200
Width (mm)	80
d	120 mm
D	200 mm
B	80 mm
C	80 mm
r min.	2 mm
da min.	130 mm
da max	136 mm
Da min	171 mm
Da max.	190 mm
ra max.	2 mm
Weight	10 Kg
Basic dynamic load rating (C)	575 kN
Basic static load rating (C0)	950 kN
(Grease) Lubrication Speed	1400 r/min
(Oil) Lubrication Speed	1800 r/min
Calculation factor (e)	0.37
Calculation factor (Y0)	1.8
Calculation factor (Y2)	2.7
Category	Spherical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	10.6
EAN	0029176037085
Product Group – BDI	B04311
Internal Clearance	C0-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
Withdrawal Sleeve	Not Applicable
Inch – Metric	Metric
Long Description	120MM Straight Bore; 200MM Outside Diameter; 80MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category – BDI	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	8482.3080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	24124CE4
Weight / LBS	10.6
Outside Diameter	7.874 Inch | 200 Millimeter
Width	3.15 Inch | 80 Millimeter
Adapter Part Number	Not Applicable Inch | Not Applicable Millimeter
Bore	4.724 Inch | 120 Millimeter
bore diameter:	120 mm
closure type:	Open
outside diameter:	200 mm
lubrication hole type:	Oil Grooves And Holes In Outer Ring
overall width:	80 mm
cage material:	Steel
bore type:	Straight
application:	General Machinery
outer ring type:	Not Split
series:	Spherical Roller 241 Series
internal clearance:	C0
Y3	1.8
hidYobi	24124CE4
LangID	1
Y1	1.8
D_	200
Y2	2.7
Macha rpm	0
B_	80
CAD	https://service.web2cad.co.jp/pcom/maker_login.php?Maker=NSK_RB&language=ja&info=nsk_rb/roller_bearings/spherical_rb/cylindrical_bore_asmtab.prj&varset={STAN=-},{ORDER=24124CE4},{SD=120},{D=200},{B=80.0},{R=2.0},{CR1=575000},{COR1=950000},{LT=2000},{LM=-},{LG=1400},{LO=1800},{DA1=130},{DA2=136.000},{DA3=190},{DA4=171},{RA=2.0},{E=0.37},{Y2=2.7},{Y3=1.8},{Y0=1.8},{MASS=10.00}
da min	130
hidTable	ecat_NSSPMR
Oil rpm	1800
Y0	1.8
mass	10
GRS rpm	1400
ra	2
TSR rpm	2000
C0	950
DE_	180.54
X0	1
Prod_Type3	SRB_CTB_CB
X1	1
X2	0.67
SIR	31
e	0.37
DA_	20
bomp	24124CE4
Z_	21
ALP2	55
ALP1	13
ALP3	0
D_a max	190
D_a min	171
yobi	24124CE4
ALPHA_	0.243
SDM_	161.127
r	2
KBRG	2322
SBRG	41
D1_	141.714
calcUrl	/BearingGuide/html/calculation.jsp