

22208EAE4 NSK 40x80x23mm bearing material: Steel Spherical roller bearings

Bearing number	22208EAE4
Size (mm)	40x80x23
Brand	NSK
Bore Diameter (mm)	40
Outer Diameter (mm)	80
Width (mm)	23
d	40 mm
D	80 mm
B	23 mm
C	23 mm
r min.	1.1 mm
da min.	42 mm
da max.	48 mm
Da min.	78 mm
Da max.	72 mm
ra max.	1 mm
Weight	0.5 Kg
Basic dynamic load rating (C1)	90.5 kN
Basic static load rating (C0)	99.5 kN
Lubrication Speed (G1)	6000 r/min
Lubrication Speed (G11)	7500 r/min
Calculation factor (e1)	0.28
Calculation factor (F1)	2.4
Calculation factor (F2)	3.0
Category	Spherical Roller Bearings
ISO Inventory	0-0
Manufacturer Name	NSK
Maximum Buy Quantity	N/A
Weight / Kilogram	0.52
SKU	00217062178
Product Group - 00	004111
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	40mm Straight Bore; 80mm Outside Diameter; 23mm Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category - 001	Spherical Roller Bearing
IMPC	31171018
Harmonized Tariff Code	84029000
Mean	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	22208EAE4
Weight / LBS	0.52
Bore	1.575 Inch 40 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Width	0.906 Inch 23 Millimeter
bore diameter:	40 mm
maximum rpm:	6000 rpm
outside diameter:	80 mm
operating temperature range:	Maximum of +200 °C
overall width:	23 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	ABEC 1 (ISO Class Normal)
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	23 mm
dynamic load capacity:	113000 N
static load capacity:	113000 N
fatigue load capacity:	1.1 mm
static load capacity:	99500 N
varies:	220
YS	2.4
hdfh04	22208EAE4
Length	1
YS	2.4
D	80
YS	2.4
Max rpm	12000
B	23
CD	https://service.wmi2cat.co.jp/pc/maker_login.php?maker=NSK_HBLLanguage=j&lang=en&_h/roller_bearings/spherical/_h/ry/linear/_bore_santab.jp?search=ESTAM-HP3_(00208-22208EAE4)_C0-40_(C0-23_03)_C0-1_1_(C0-1-10000)_C0-1-00000_(L1-7000)_L1-12000_(L1-6700)_L1-8000_(DAA-47)_DAA-49_000_(DAA-73)_DAA-70_(MA-1_03)_E-0-20_(CY-3_03)_CY-2_03_(0005-0-50)
da min	42
hdfh04	ecat_NS08H
d11 rpm	6500
YS	2.4
max	0.5
CD rpm	6700
ra	1
TOR rpm	7100
CD	99.5
DC	71.00
XD	1
Prod_Type3	SRB_C10_C0
X1	1
XC	0.67
SR	0.70
DC	0.28
DA	10.07
bomp	22208EAE4
Z	18
ALP0	20
ALP1	10
ALP2	0
D_a max	73
D_a min	70
ym0	22208EAE4
0FS	0FS
ALP0a	0.182
SPH	61.200
F	1.1
0R0	2100
0R0	22
01	30.000
catdir1	/bearingguide/html/calculation.jsp