

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
d _h min.	42 mm
d _e max.	49 mm
D _e min.	79 mm
D _e max.	73 mm
r _e max.	1 mm
Weight	0.5 Kg
Basic dynamic load rating (C1)	90.5 kN
Basic static load rating (C0)	99.5 kN
(Grease) Lubrication Speed	6000 r/min
(Oil) Lubrication Speed	7500 r/min
Calculation factor (e1)	0.28
Calculation factor (F1)	2.4
Calculation factor (F2)	3.0
Category	Spherical Roller Bearings
BSI Inventory	0-0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.52
SKU	902137624218
Product Group - BS	88411
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 - BSI	Spherical Roller Bearing
IMPSIC	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:	6500 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 ratings:	HBC 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
fatigue life:	1.1 mm
static load capacity:	99500 N
varies:	220
YS	2.4
hdfh0a	22208EAE4
Length	1
YS	2.4
D	80
YS	2.4
Max RPM	12000
B	23
CD	https://service.wmb2eat.co.jp/ecom/maker_login.php?Maker=NSK_HBL&Language=j&LenForm=H/roller_bearings/spherical_&ryLndrca3_bore_wantab_rj&ver=157&HPS1_QW00B-22208EAE4_C0-40_(B-23_0)_0+1_1_(CRS-12000)_((CRS-99500)_((L1=7100)_((L1=12000)_((L1=6700)_((L1=8500)_((DA4-47)_((DA2-46_000)_((DA3-73)_((DA4-70)_((MA-1_0)_((E+0_20)_((Y+3_0)_((Y+2_4)_((Y+2_4)_((M55-6_50))
d _h min	42
df	42
dil ₁ rpm	6500
YS	2.4
max	0.5
CRS ₁ rpm	6700
r _e	1
TOR rpm	7100
CD	99.5
DE	73.09
X0	1
Prod_Type3	SRR_C10_C0
X1	1
XD	0.87
SIR	8.79
DS	0.28
DA	19.57
bomp	22208EAE4
X	18
ALP2	20
ALP1	18
ALP3	18
D _e max	73
D _e min	70
ym6	22208EAE4
SPS	995
ALPHA	0.182
SM	61.269
r	1.1
BSR	2100
SR	22
YS	30.999
catdir1	/bearingguide/html/calculation.jsp