

# 22208EAKE4 NSK 40x80x23mm D\_a min 70 Spherical roller bearings

Bearing number	22208EAKE4
SKF (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 <sub>a</sub> min.	47 mm
d <sub>a</sub> max.	49 mm
D <sub>a</sub> min.	70 mm
D <sub>a</sub> max.	72 mm
r <sub>a</sub> max.	1 mm
Weight	0.5 Kg
Basic dynamic load rating (C)	99.5 kN
Basic static load rating (C0)	99.5 kN
(Grease) Lubrication Speed	6000 r/min
(Oil) Lubrication Speed	7500 r/min
Calculation factor (f0)	0.28
Calculation factor (f1)	2.4
Calculation factor (f2)	3.6
Category	Spherical Roller Bearings
ISO Inventory	0-0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0.52
EM	002176024292
Product Group - B01	004311
Internal Clearance	CR-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
Reattachable	Yes
Withstand Shock	AH308 (Specify bore)
Inc. - Metric	Metric
Long Description	40mm Tapered Bore; 80mm Outside Diameter; 23mm Width; CR-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Reattachable; Adapter Part Number - H308 (Specify bore)
Other Features	Order adapter or withdraw sleeve or not separately. Others may be available
Category - B01	Spherical Roller Bearing
HSN/SC	31171510
Harmonized Tariff Code	84823000
Non	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	22208EAKE4
Weight / LBS	0.52
Adapter Part Number	SMB0 H308 H4308 H5308 H6308 (Specify bore) Inch   H308 (Specify bore) Millimeter
Bore	1.575 Inch   40 Millimeter
Outside Diameter	3.15 Inch   80 Millimeter
Width	0.906 Inch   23 Millimeter
bore diameter:	40 mm
closure type:	Open
outside diameter:	80 mm
lubrication hole type:	Oil Grooves And Holes In Outer Ring
overall width:	23 mm
cage material:	Steel
bore type:	Tapered 1:12
application:	General Machinery
outer ring type:	Not Split
series:	Spherical Roller 222 Series
internal clearance:	CR
Y2	2.4
W40H80	22208EAKE4
W40H80	1
Y2	2.4
D	80
Y2	3.6
W40H80	1000
B	23
CD	https://service.webdax.co.jp/pc/maker_login.php?maker=NSK_R&language=ja&info=nsk_r/roller_bearings/spherical_rb/tapered_bore_wahab.prj&server=CS18M-HP5. (DB08P-22208EAKE4) (DB-02) (D-08) (D-23.0) (D-1.1) (C01-113000) (C01-95500) (L1-7100) (L1-2000) (L1-6700) (L1-8500) (DA1-47) (DA2-43) (DA3-73) (DA4-70) (DA-1.0) (E-0.28) (F0-3.6) (F0-3.6) (F0-3.6) (M43-0.50)
da min	47
W40H80	wat_H308HR
Oil rpm	6000
CR	2.4
max	0.5
Oil rpm	6700
CR	1
SR rpm	7500
CR	99.5
CE	71.00
X0	1
Prod_Type3	SMB_C10_1B
X1	1
X2	0.67
SIR	0.70
w	0.28
DA	10.87
bomp	22208EAKE4
Z	16
ALP2	26
ALP1	10
ALP3	0
D_a min	73
D_a min	70
yB1	22208EAKE4
NS	NSK
ALPHA	0.182
SM	61.269
F	1.1
KMG	2325
SMG	22
SI	40.000
calcDr1	/bearingCalc/NonCalculation.jsp