



23220CKE4 NSK Spherical Roller Bearing

Bearing No. 23220CKE4

Size	100x180x60.3 mm
Bore Diameter	100 mm
Outer Diameter	180 mm
Width	60,3 mm
d	100 mm
D	180 mm
B	60,3 mm
C	60,3 mm
r min.	2,1 mm
da min.	112 mm
da max	118 mm
Da min	155 mm
Da max.	168 mm
ra max.	2 mm
Weight	6,6 Kg
Basic dynamic load rating (C)	420 kN
Basic static load rating (C0)	605 kN
(Grease) Lubrication Speed	1600 r/min
(Oil) Lubrication Speed	2200 r/min
Calculation factor (e)	0,32
Calculation factor (Y0)	2,1
Calculation factor (Y2)	3,2
Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A

23220CKE4 Bearing 2D drawings and 3D CAD models



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Weight / Kilogram	6.5
Product Group	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	AH3220 (Specify bore)
Inch - Metric	Metric
Long Description	100MM Tapered Bore; 180MM Outside Diameter; 60MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part N
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	23220CKE4
Weight / LBS	6.47
Adapter Part Number	SNW120 H2320 HA2320 HE2320 (Specify Bore) Inch



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	H2320 (Specify bore) Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
Width	2.374 Inch 60.3 Millimeter
Bore	3.937 Inch 100 Millimeter
bore diameter:	100 mm
outer ring type:	Not Split
outside diameter:	180 mm
internal clearance:	C0
overall width:	60.3 mm
lubrication hole type:	Oil Grooves And Holes In Outer Ring
bore type:	Tapered 1:12
cage material:	Steel
Y3	2.1
hidYobi	23220CKE4
LangID	1
Y1	2.1
D_	180
Y2	3.2
Macha rpm	0
B_	60.3
da min	112
hidTable	ecat_NSSPHR
Oil rpm	2200
Y0	2.1
GRS rpm	1600
ra	2
TSR rpm	2800
C0	605
DE_	161.394
X0	1
Prod_Type3	SRB_CTB_TB



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X1	1
X2	0.67
SIR	24
e	0.32
DA_	20
bomp	23220CKE4
Z_	18
ALP2	0
ALP1	12
ALP3	0
D_a max	168
D_a min	155
yobi	23220CKE4
ALPHA_	0.209
SDM_	141.831
r	2.1
KBRG	2322
SBRG	32
DI_	122.268