



Shanghai Shengjie Bearing Co., Ltd.



120 mm x 180 mm x 60 mm NSK 24024CE4 Spherical Roller Bearing

Bearing No. 24024CE4

24024CE4 Bearing 2D drawings and 3D CAD models

Size	120x180x60 mm
Bore Diameter	120 mm
Outer Diameter	180 mm
Width	60 mm
d	120 mm
D	180 mm
B	60 mm
C	60 mm
r min.	2 mm
da min.	130 mm
da max	131 mm
Da min	158 mm
Da max.	170 mm
ra max.	2 mm
Weight	5,33 Kg
Basic dynamic load rating (C)	395 kN
Basic static load rating (C0)	705 kN
(Grease) Lubrication Speed	1500 r/min
(Oil) Lubrication Speed	2000 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



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Minimum Buy Quantity	N/A
Weight / Kilogram	5.25
Product Group	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; 180MM Outside Diameter; 60MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.nskamericas.com
Manufacturer Item Number	24024CE4
Weight / LBS	5.4
Outside Diameter	7.087 Inch 180 Millimeter
Bore	4.724 Inch 120 Millimeter
Width	2.362 Inch 60 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter



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Y3	2.1
hidYobi	24024CE4
LangID	1
Y1	2.1
D_	180
Y2	3.2
Macha rpm	0
B_	60
da min	130
hidTable	ecat_NSSPHR
Oil rpm	2000
Y0	2.1
mass	5.33
GRS rpm	1500
ra	2
TSR rpm	2600
C0	705
DE_	164.329
X0	1
Prod_Type3	SRB_CTB_CB
X1	1
X2	0.67
SIR	24
e	0.32
DA_	15
bomp	24024CE4
Z_	26
ALP2	0
ALP1	12
ALP3	0
D_a max	170
D_a min	158



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yobi	24024CE4
ALPHA_	0.209
SDM_	149.657
r	2
KBRG	2322
SBRG	40
DI_	134.984