



REXROTH BEARINGS DEVELOPMENT LTD



110 mm x 170 mm x 45 mm NSK 23022CDE4 spherical roller bearings

Bearing No. 23022CDE4

23022CDE4 Bearing 2D drawings and 3D CAD models

Size	110x170x45 mm
Bore Diameter	110 mm
Outer Diameter	170 mm
Width	45 mm
d	110 mm
D	170 mm
B	45 mm
C	45 mm
r min.	2 mm
da min.	120 mm
da max	124 mm
Da min	153 mm
Da max.	160 mm
ra max.	2 mm
Weight	3,76 Kg
Basic dynamic load rating (C)	293 kN
Basic static load rating (C0)	465 kN
(Grease) Lubrication Speed	2000 r/min
(Oil) Lubrication Speed	2400 r/min
Calculation factor (e)	0,24
Calculation factor (Y0)	2,8
Calculation factor (Y2)	4,2
Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	NSK



REXROTH BEARINGS DEVELOPMENT LTD

Minimum Buy Quantity	N/A
Weight / Kilogram	3.8
EAN	0029176008610
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	110MM Straight Bore; 170MM Outside Diameter; 45MM 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	23022CDE4
Weight / LBS	3.8
Outside Diameter	6.693 Inch 170 Millimeter
Bore	4.331 Inch 110 Millimeter
Width	1.772 Inch 45 Millimeter
Adapter Part Number	Not Applicable Inch Not



REXROTH BEARINGS DEVELOPMENT LTD

	Applicable Millimeter
Y3	2.8
hidYobi	23022CDE4
LangID	1
Y1	2.8
D_	170
Y2	4.2
Macha rpm	0
B_	45
da min	120
hidTable	ecat_NSSPHR
Oil rpm	2400
Y0	2.8
mass	3.76
GRS rpm	2000
ra	2
TSR rpm	3200
C0	465
DE_	156.055
X0	1
Prod_Type3	SRB_CTB_CB
X1	1
X2	0.67
SIR	17
e	0.24
DA_	15
bomp	23022CDE4
Z_	25
ALP2	0
ALP1	9
ALP3	0
D_a max	160



REXROTH BEARINGS DEVELOPMENT LTD

D_a min	153
yobi	23022CDE4
ALPHA_	0.157
SDM_	141.239
r	2
KBRG	2321
SBRG	30
DI_	126.424