



NTN BEARING MFG.CORP



24064 CC/W33 Bearing 2D drawings and 3D CAD models

320 mm x 480 mm x 160 mm SKF 24064
CC/W33 Spherical Roller Bearings

Bearing No. 24064 CC/W33

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	107.6
EAN	7316577119506
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
Withdrawal Nut	Not Applicable
Inch - Metric	Metric
Long Description	320MM Straight Bore; 480MM Outside Diameter; 160MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510



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Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	237.217
d	12.598 Inch 320 Millimeter
B	6.299 Inch 160 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
D	18.898 Inch 480 Millimeter
bore diameter:	320 mm
maximum rpm:	1200 RPM
outside diameter:	480 mm
operating temperature range:	Maximum of +390 ° F
overall width:	160 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	160 mm
dynamic load capacity:	2850 kN
fillet radius:	3 mm
static load capacity:	5100 kN
series:	240
d	320 mm
D	480 mm



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B	160 mm
d_2	354 mm
D_1	423 mm
b	13.9 mm
K	7.5 mm
$r_{1,2}$ min.	4 mm
d_a min.	335 mm
D_a max.	465 mm
r_a max.	3 mm
Basic dynamic load rating C	2969 kN
Basic static load rating C_0	5100 kN
Fatigue load limit P_u	400 kN
Reference speed	800 r/min
Limiting speed	1200 r/min
Calculation factor e	0.31
Calculation factor Y_1	2.2
Calculation factor Y_2	3.3
Calculation factor Y_0	2.2
Mass bearing	100 kg