



FUYR BEARING CO.,LTD.



23972 CC/W33 Bearing 2D drawings and 3D CAD models

360 mm x 480 mm x 90 mm SKF 23972
CC/W33 Spherical Roller Bearings

Bearing No. 23972 CC/W33

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	50.05
EAN	7316571250939
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	360MM Straight Bore; 480MM Outside Diameter; 90MM 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	110.231
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
d	14.173 Inch 360 Millimeter
D	18.898 Inch 480 Millimeter
B	3.543 Inch 90 Millimeter
bore diameter:	360 mm
maximum rpm:	1300 RPM
outside diameter:	480 mm
operating temperature range:	Maximum of +390 ° F
overall width:	90 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:	90 mm
dynamic load capacity:	1400 kN
fillet radius:	2.5 mm
static load capacity:	2750 kN
series:	239
d	360 mm
D	480 mm



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B	90 mm
d_2	394 mm
D_1	447 mm
b	11.1 mm
K	6 mm
$r_{1,2}$ min.	3 mm
d_a min.	373 mm
D_a max.	467 mm
r_a max.	2.5 mm
Basic dynamic load rating C	1456 kN
Basic static load rating C_0	2750 kN
Fatigue load limit P_u	220 kN
Reference speed	1200 r/min
Limiting speed	1300 r/min
Calculation factor e	0.15
Calculation factor Y_1	4.5
Calculation factor Y_2	6.7
Calculation factor Y_0	4.5
Mass bearing	46 kg