



Bearing No. 23136 CC/W33

b	13.9 mm
K	7.5 mm
d	180 mm
D	300 mm
B	96 mm
Noun	Bearing
Bore	7.087 Inch 180 Millimeter
Width	3.78 Inch 96 Millimeter
UNSPSC	31171510
series:	231
Category	Spherical Roller Bearing
Size (mm)	300x180x96
Enclosure	Open
Inventory	0.0
bore type:	Straight
Width (mm)	96
cage type:	Inner Ring Guided
maximum rpm:	2200 RPM
Weight / LBS	60.539
Bore Profile	Straight
Mass bearing	28 kg
D ₁	259 mm
Cage Material	Steel
closure type:	Open
d ₂	207 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	2.5 mm
cage material:	Steel

overall width:	96 mm
bore diameter:	180 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	23136 CC/W33
Limiting speed	2200 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Reference speed	1700 r/min
outer ring type:	Not Split
Manufacturer URL	http://www.skf.com
Outside Diameter	11.811 Inch 300 Millimeter
Long Description	180MM Straight Bore; 300MM Outside Diameter; 96MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
outside diameter:	300 mm
Weight / Kilogram	27.485
precision rating:	Not Rated
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
outer ring width:	96 mm
Manufacturer Name	SKF
D _a max.	286 mm
Bore Diameter (mm)	300
Internal Clearance	C0-Medium

r_a max.	2.5 mm
d_a min.	194 mm
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outer Diameter (mm)	180
internal clearance:	C0
$r_{1,2}$ min.	3 mm
Minimum Buy Quantity	N/A
d_a - min.	194 mm
D_a - max.	286 mm
r_a - max.	2.5 mm
Calculation factor e	0.3
D_1 ?	259 mm
d_2 ?	207 mm
static load capacity:	1760 kN
Calculation factor - e	0.3
dynamic load capacity:	1200 kN
$r_{1,2}$ - min.	3 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	1263 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	1263 kN
Calculation factor Y_1	2.3
Fatigue load limit P_u	160 kN
Calculation factor Y_2	3.4
Calculation factor Y_0	2.2
Calculation factor - Y_1	2.3

Calculation factor - Y_2	3.4
Calculation factor - Y_0	2.2
Fatigue load limit - P_u	160 kN
Basic static load rating C_0	1760 kN
Basic static load rating - C_0	1760 kN