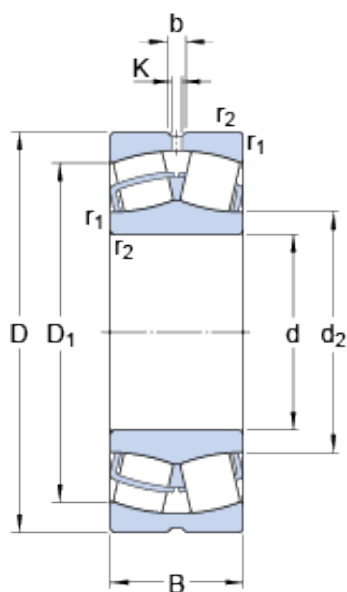




Bearing No. 22234 CC/W33

b	16.7 mm
K	9 mm
d	170 mm
D	310 mm
B	86 mm
Noun	Bearing
Bore	6.693 Inch 170 Millimeter
Width	3.386 Inch 86 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	310x170x86
Enclosure	Open
Inventory	1.0
bore type:	Straight
Width (mm)	86
cage type:	Inner Ring Guided
maximum rpm:	2600 RPM
Weight / LBS	62.281
Bore Profile	Straight
Mass bearing	28.5 kg
D ₁	267 mm
Cage Material	Steel
closure type:	Open
d ₂	203 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	3 mm

cage material:	Steel
overall width:	86 mm
bore diameter:	170 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	22234 CC/W33
Limiting speed	2600 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Reference speed	1900 r/min
outer ring type:	Not Split
Manufacturer URL	http://www.skf.com
Outside Diameter	12.205 Inch 310 Millimeter
Long Description	170MM Straight Bore; 310MM Outside Diameter; 86MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
outside diameter:	310 mm
Weight / Kilogram	28.276
precision rating:	Not Rated
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
outer ring width:	86 mm
Manufacturer Name	SKF
D _a max.	293 mm
Bore Diameter (mm)	310

Internal Clearance	C0-Medium
r_a max.	3 mm
d_a min.	187 mm
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outer Diameter (mm)	170
internal clearance:	C0
$r_{1,2}$ min.	4 mm
Minimum Buy Quantity	N/A
d_a - min.	187 mm
D_a - max.	293 mm
r_a - max.	3 mm
Calculation factor e	0.27
D_1 ?	267 mm
d_2 ?	203 mm
static load capacity:	1460 kN
Calculation factor - e	0.27
dynamic load capacity:	1120 kN
$r_{1,2}$ - min.	4 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	1183 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	1183 kN
Calculation factor Y_1	2.5
Fatigue load limit P_u	132 kN
Calculation factor Y_2	3.7
Calculation factor Y_0	2.5

Calculation factor - Y_1	2.5
Calculation factor - Y_2	3.7
Calculation factor - Y_0	2.5
Fatigue load limit - P_u	132 kN
Basic static load rating C_0	1460 kN
Basic static load rating - C_0	1460 kN