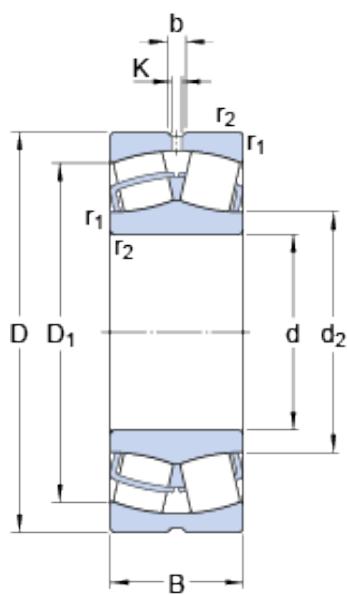




Bearing No. 23144 CC/W33

b	16.7 mm
K	9 mm
d	220 mm
D	370 mm
B	120 mm
Noun	Bearing
Bore	8.661 Inch 220 Millimeter
Width	4.724 Inch 120 Millimeter
UNSPSC	31171510
series:	231
Category	Spherical Roller Bearing
Size (mm)	370x220x120
Enclosure	Open
Inventory	0.0
bore type:	Straight
Width (mm)	120
cage type:	Inner Ring Guided
maximum rpm:	1700 RPM
Weight / LBS	119.931
Bore Profile	Straight
Mass bearing	53.5 kg
D ₁	320 mm
Cage Material	Steel
closure type:	Open
d ₂	255 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	3 mm

cage material:	Steel
overall width:	120 mm
bore diameter:	220 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	23144 CC/W33
Limiting speed	1700 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Reference speed	1300 r/min
outer ring type:	Not Split
Manufacturer URL	http://www.skf.com
Long Description	220MM Straight Bore; 370MM Outside Diameter; 120MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Outside Diameter	14.567 Inch 370 Millimeter
outside diameter:	370 mm
bearing material:	Steel
outer ring width:	120 mm
Weight / Kilogram	55.049
Withdrawal Sleeve	Not Applicable
precision rating:	Not Rated
Manufacturer Name	SKF
Bore Diameter (mm)	370
D _a max.	353 mm

d _a min.	237 mm
r _a max.	3 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	220
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
r _{1,2} min.	4 mm
Minimum Buy Quantity	N/A
d _a - min.	237 mm
D _a - max.	353 mm
r _a - max.	3 mm
Calculation factor e	0.3
D ₁ ?	320 mm
d ₂ ?	255 mm
static load capacity:	2750 kN
Calculation factor - e	0.3
dynamic load capacity:	1800 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	1888 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	1888 kN
Calculation factor Y ₁	2.3
Fatigue load limit P _u	232 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	232 kN
Basic static load rating C_0	2750 kN
Basic static load rating - C_0	2750 kN