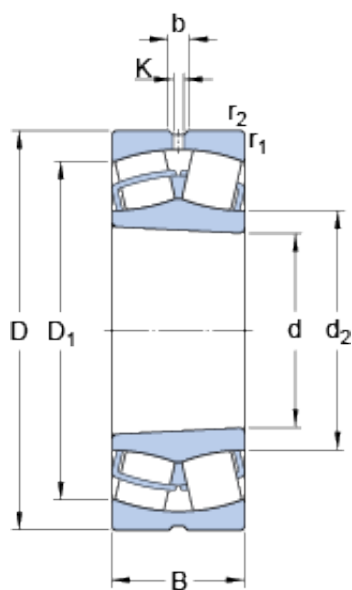




Bearing No. 23120 CCK/W33

D	165 mm
d	100 mm
B	52 mm
b	6 mm
K	3 mm
Noun	Bearing
Bore	3.937 Inch 100 Millimeter
Width	2.047 Inch 52 Millimeter
UNSPSC	31171510
series:	231
Category	Spherical Roller Bearing
Size (mm)	165x100x52
Inventory	0.0
Enclosure	Open
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Width (mm)	52
Bore Profile	Tapered
maximum rpm:	4000 RPM
Weight / LBS	9.559
Mass bearing	4.4 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
D ₁	144 mm
d ₂	115 mm
Cage Material	Steel
Relubricatable	Yes

Withdrawal Nut	KM22
Bearing number	23120 CCK/W33
Keyword String	Spherical
bore diameter:	100 mm
cage material:	Steel
fillet radius:	2 mm
overall width:	52 mm
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Limiting speed	4000 r/min
Rolling Element	Spherical Roller Bearing
finish/coating:	Uncoated
Mounting Method	Adapter Mount
Reference speed	3000 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Long Description	100MM Tapered Bore; 165MM Outside Diameter; 52MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part N
Outside Diameter	6.496 Inch 165 Millimeter
outer ring width:	52 mm
precision rating:	Not Rated
outside diameter:	165 mm
bearing material:	Steel
Manufacturer Name	SKF

Weight / Kilogram	4.34
Withdrawal Sleeve	AH3120 (Specify bore)
Bore Diameter (mm)	165
r_a max.	2 mm
D_a max.	154 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Adapter Part Number	SNW3120 H3120 HA3120 HE3120 (Specify Bore) Inch H3120 (Specify bore) Millimeter
Outer Diameter (mm)	100
$r_{1,2}$ min.	2 mm
d_a - min.	108 mm
d_a - max.	115 mm
Calculation factor e	0.3
Minimum Buy Quantity	N/A
D_a - max.	154 mm
r_a - max.	2 mm
D_1 ?	144 mm
d_2 ?	115 mm
static load capacity:	490 kN
Harmonized Tariff Code	84823080
$r_{1,2}$ - min.	2 mm
dynamic load capacity:	365 kN
Calculation factor - e	0.3
lubrication hole type:	Lubrication Groove & Hole
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	385 kN
operating temperature range:	Maximum of +390 °F

Basic dynamic load rating - C	385 kN
Calculation factor Y_1	2.3
Calculation factor Y_2	3.4
Calculation factor Y_0	2.2
Fatigue load limit P_u	53 kN
Calculation factor - Y_1	2.3
Fatigue load limit - P_u	53 kN
Calculation factor - Y_0	2.2
Calculation factor - Y_2	3.4
Basic static load rating C_0	490 kN
Basic static load rating - C_0	490 kN
Recommended lock nut tightening angle ?	150 °