



23220 CCK/W33 Bearing 2D drawings and 3D CAD models

100 mm x 180 mm x 60.3 mm SKF 23220 CCK/W33 spherical roller bearings

Bearing No. 23220 CCK/W33

Size	180x100x60.3 mm
Bore Diameter	180 mm
Outer Diameter	100 mm
Width	60,3 mm
d	100 mm
D	180 mm
B	60.3 mm
d ₂	117 mm
D ₁	153 mm
b	8.3 mm
K	4.5 mm
r _{1,2} - min.	2.1 mm
d _a - min.	108 mm
d _a - max.	117 mm
D _a - max.	168 mm
r _a - max.	2 mm
Basic dynamic load rating - C	498 kN
Basic static load rating - C ₀	600 kN
Fatigue load limit - P _u	63 kN
Reference speed	2400 r/min
Limiting speed	3400 r/min
Calculation factor - e	0.33
Calculation factor - Y ₁	2
Calculation factor - Y ₂	3



BEARING MANUFACTURING DE MEXICO, S.A.D...

Calculation factor - Y_0	2
Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	6.507
EAN	7316576657214
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AH3220 (Specify bore)
Withdrawal Nut	KM22
Inch - Metric	Metric
Long Description	100MM Tapered Bore; 180MM Outside Diameter; 60MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part N
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080



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Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	14.332
Adapter Part Number	SNW120 H2320 HA2320 HE2320 (Specify Bore) Inch H2320 (Specify bore) Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
Bore	3.937 Inch 100 Millimeter
Width	2.374 Inch 60.3 Millimeter
bore diameter:	100 mm
maximum rpm:	3400 RPM
outside diameter:	180 mm
operating temperature range:	Maximum of +390 ° F
overall width:	60.3 mm
cage material:	Steel
bore type:	Tapered 1:12
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:	60.3 mm
dynamic load capacity:	475 kN
fillet radius:	2 mm
static load capacity:	600 kN
series:	232
d ₂	117 mm



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D_1	153 mm
$r_{1,2}$ min.	2.1 mm
D_a max.	168 mm
r_a max.	2 mm
Basic dynamic load rating C	498 kN
Basic static load rating C_0	600 kN
Fatigue load limit P_u	63 kN
Calculation factor e	0.33
Calculation factor Y_1	2
Calculation factor Y_2	3
Calculation factor Y_0	2
Mass bearing	6.65 kg
Recommended lock nut tightening angle	150 °