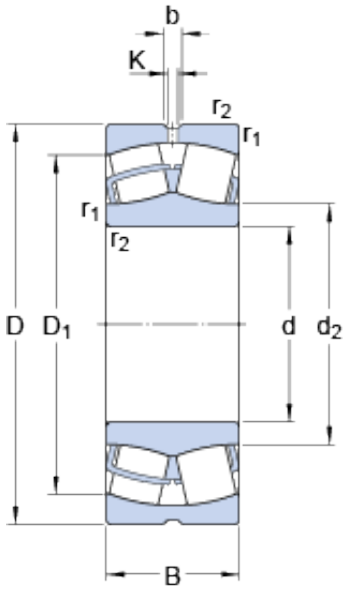
Loyal | 23130 CC/W33



Bearing No. 23130 CC/W33

b	11.1 mm
K	6 mm
d	150 mm
D	250 mm
B	80 mm
Noun	Bearing
Bore	5.906 Inch | 150 Millimeter
Width	3.15 Inch | 80 Millimeter
UNSPSC	31171510
series:	231
Category	Spherical Roller Bearing
Size (mm)	250x150x80
Enclosure	Open
Inventory	0.0
bore type:	Straight
Width (mm)	80
cage type:	Inner Ring Guided
maximum rpm:	2600 RPM
Weight / LBS	35.009
Bore Profile	Straight
Mass bearing	16 kg
D_1	216 mm
Cage Material	Steel
closure type:	Open
d_2	172 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	2 mm
cage material:	Steel

overall width:	80 mm
bore diameter:	150 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	23130 CC/W33
Limiting speed	2600 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Reference speed	2000 r/min
outer ring type:	Not Split
Outside Diameter	9.843 Inch | 250 Millimeter
Long Description	150MM Straight Bore; 250MM Outside Diameter; 80MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
precision rating:	Not Rated
Weight / Kilogram	15.894
bearing material:	Steel
outside diameter:	250 mm
Withdrawal Sleeve	Not Applicable
outer ring width:	80 mm
Bore Diameter (mm)	250
d_a min.	162 mm
D_a max.	238 mm

r_a max.	2 mm
Internal Clearance	C0-Medium
Adapter Part Number	Not Applicable Inch | Not Applicable Millimeter
Outer Diameter (mm)	150
internal clearance:	C0
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	2.1 mm
d_a - min.	162 mm
D_a - max.	238 mm
r_a - max.	2 mm
Calculation factor e	0.3
D_1 ?	216 mm
d_2 ?	172 mm
static load capacity:	1200 kN
Calculation factor - e	0.3
dynamic load capacity:	830 kN
$r_{1,2}$ - min.	2.1 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	883 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	883 kN
Calculation factor Y_1	2.3
Fatigue load limit P_u	114 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	114 kN
Basic static load rating C_0	1200 kN
Basic static load rating - C_0	1200 kN