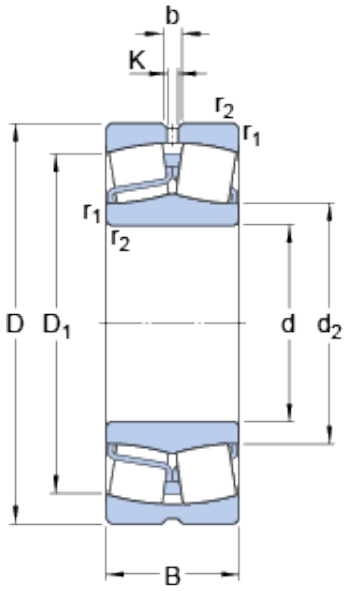
Loyal | 22320 E



Bearing No. 22320 E

b	11.1 mm
K	6 mm
d	100 mm
D	215 mm
B	73 mm
Noun	Bearing
Bore	3.937 Inch | 100 Millimeter
Width	2.874 Inch | 73 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	215x100x73
Enclosure	Open
Inventory	1.0
bore type:	Straight
Width (mm)	73
cage type:	Inner Ring Guided
maximum rpm:	3000 RPM
Weight / LBS	28.66
Bore Profile	Straight
Mass bearing	13.5 kg
D_1	184 mm
Cage Material	Steel
closure type:	Open
d_2	130 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	2.5 mm

cage material:	Steel
overall width:	4.3800 in
bore diameter:	100 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	22320 E
Limiting speed	3000 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Reference speed	2400 r/min
outer ring type:	Not Split
Outside Diameter	8.465 Inch | 215 Millimeter
Long Description	100MM Straight Bore; 215MM Outside Diameter; 73MM 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	13.012
bearing material:	Steel
outside diameter:	215 mm
Withdrawal Sleeve	Not Applicable
outer ring width:	73 mm
Bore Diameter (mm)	215
d_a min.	114 mm

D_a max.	201 mm
r_a max.	2.5 mm
Internal Clearance	C0-Medium
Adapter Part Number	Not Applicable Inch | Not Applicable Millimeter
Outer Diameter (mm)	100
internal clearance:	C0
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	3 mm
d_a - min.	114 mm
D_a - max.	201 mm
r_a - max.	2.5 mm
Calculation factor e	0.33
D_1 ?	184 mm
d_2 ?	130 mm
static load capacity:	950 kN
Calculation factor - e	0.33
dynamic load capacity:	815 kN
$r_{1,2}$ - min.	3 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	847 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	847 kN
Calculation factor Y_1	2
Fatigue load limit P_u	88 kN
Calculation factor Y_2	3
Calculation factor Y_0	2

Calculation factor - Y_1	2
Calculation factor - Y_2	3
Calculation factor - Y_0	2
Fatigue load limit - P_u	88 kN
Basic static load rating C_0	950 kN
Basic static load rating - C_0	950 kN