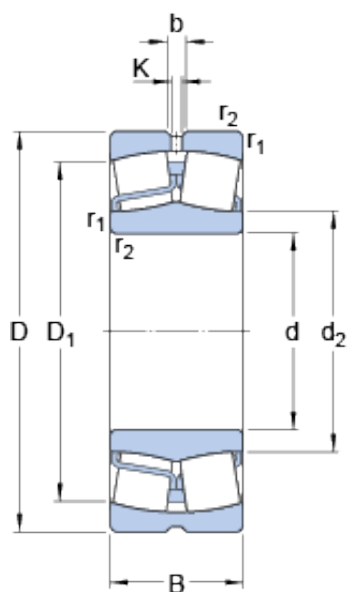




Bearing No. 21320 E

b	8.3 mm
K	4.5 mm
d	100 mm
D	215 mm
B	47 mm
Noun	Bearing
Bore	3.937 Inch 100 Millimeter
Width	1.85 Inch 47 Millimeter
UNSPSC	31171510
series:	213
Category	Spherical Roller Bearing
Size (mm)	215x100x47
Enclosure	Open
Inventory	0.0
Width (mm)	47
bore type:	Straight
maximum rpm:	4500 RPM
Weight / LBS	19.952
Bore Profile	Straight
Mass bearing	8.6 kg
Cage Material	Steel
closure type:	Open
d ₂	118 mm
D ₁	159 mm
Inch - Metric	Metric
Product Group	B04311
Limiting speed	4500 r/min
fillet radius:	2.5 mm
cage material:	Steel

overall width:	47 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
bore diameter:	100 mm
Bearing number	21320 E
finish/coating:	Uncoated
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	3400 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Long Description	100MM Straight Bore; 215MM Outside Diameter; 47MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Outside Diameter	8.465 Inch 215 Millimeter
outer ring width:	47 mm
precision rating:	Not Rated
outside diameter:	215 mm
Manufacturer Name	SKF
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
Weight / Kilogram	9.058
Bore Diameter (mm)	215
r _a max.	2.5 mm
D _a max.	201 mm
d _a min.	114 mm

Internal Clearance	C0-Medium
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outer Diameter (mm)	100
internal clearance:	C0
d_a - min.	114 mm
r_a - max.	2.5 mm
$r_{1,2}$ min.	3 mm
D_a - max.	201 mm
Calculation factor e	0.24
Minimum Buy Quantity	N/A
d_2 ?	118 mm
static load capacity:	490 kN
D_1 ?	159 mm
dynamic load capacity:	425 kN
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Calculation factor - e	0.24
$r_{1,2}$ - min.	3 mm
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	433 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	433 kN
Fatigue load limit P_u	49 kN
Calculation factor Y_0	2.8
Calculation factor Y_2	4.2
Calculation factor Y_1	2.8
Calculation factor - Y_1	2.8
Calculation factor - Y_0	2.8

Fatigue load limit - P_u	49 kN
Calculation factor - Y_2	4.2
Basic static load rating C_0	490 kN
Basic static load rating - C_0	490 kN