



Bearing No. 21320 E

Size	215x100x47 mm
Bore Diameter	215 mm
Outer Diameter	100 mm
Width	47 mm
d	100 mm
D	215 mm
B	47 mm
d ₂	118 mm
D ₁	159 mm
b	8.3 mm
K	4.5 mm
r _{1,2} - min.	3 mm
d _a - min.	114 mm
D _a - max.	201 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	433 kN
Basic static load rating - C ₀	490 kN
Fatigue load limit - P _u	49 kN
Reference speed	3400 r/min
Limiting speed	4500 r/min
Calculation factor - e	0.24
Calculation factor - Y ₁	2.8
Calculation factor - Y ₂	4.2
Calculation factor - Y ₀	2.8
Category	Spherical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SKF

Minimum Buy Quantity	N/A
Weight / Kilogram	9.058
EAN	7316577612205
Product Group - BDI	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch - Metric	Metric
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
Category - BDI	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	19.952
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outside Diameter	8.465 Inch 215

	Millimeter
Bore	3.937 Inch 100 Millimeter
Width	1.85 Inch 47 Millimeter
bore diameter:	100 mm
maximum rpm:	4500 RPM
outside diameter:	215 mm
operating temperature range:	Maximum of +390 °F
overall width:	47 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
precision rating:	Not Rated
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	47 mm
lubrication hole type:	Lubrication Groove & Hole
fillet radius:	2.5 mm
dynamic load capacity:	425 kN
series:	213
static load capacity:	490 kN
d_2 ?	118 mm
D_1 ?	159 mm
$r_{1,2}$ min.	3 mm
d_a min.	114 mm
D_a max.	201 mm
r_a max.	2.5 mm
Basic dynamic load rating C	433 kN

Basic static load rating C_0	490 kN
Fatigue load limit P_u	49 kN
Calculation factor e	0.24
Calculation factor Y_1	2.8
Calculation factor Y_2	4.2
Calculation factor Y_0	2.8
Mass bearing	8.6 kg