



Bearing No. 21319 E

b	8.3 mm
K	4.5 mm
d	95 mm
D	200 mm
B	45 mm
Bore	3.74 Inch 95 Millimeter
Noun	Bearing
Width	1.772 Inch 45 Millimeter
UNSPSC	31171510
series:	213
Category	Spherical Roller Bearing
Size (mm)	200x95x45
Enclosure	Open
Inventory	0.0
Width (mm)	45
bore type:	Straight
maximum rpm:	4500 RPM
Weight / LBS	16.072
Bore Profile	Straight
Mass bearing	7.05 kg
Cage Material	Steel
closure type:	Open
d2	118 mm
D1	159 mm
Inch - Metric	Metric
Product Group	B04311
Limiting speed	4500 r/min
fillet radius:	2.5 mm
cage material:	Steel

overall width:	45 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
bore diameter:	95 mm
Bearing number	21319 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	95MM Straight Bore; 200MM Outside Diameter; 45MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Outside Diameter	7.874 Inch 200 Millimeter
outer ring width:	45 mm
precision rating:	Not Rated
outside diameter:	200 mm
Manufacturer Name	SKF
bearing material:	Steel
Weight / Kilogram	7.297
Withdrawal Sleeve	Not Applicable
Bore Diameter (mm)	200
ra max.	2.5 mm
Da max.	186 mm
da min.	109 mm

Internal Clearance	C0-Medium
Outer Diameter (mm)	95
internal clearance:	C0
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
da - min.	109 mm
Minimum Buy Quantity	N/A
ra - max.	2.5 mm
r1,2 min.	3 mm
Da - max.	186 mm
Calculation factor e	0.24
d2 ?	118 mm
static load capacity:	490 kN
D1 ?	159 mm
dynamic load capacity:	425 kN
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Calculation factor - e	0.24
r1,2 - min.	3 mm
Number of Rows of Rollers Basic dynamic	Double Row
load rating C	433 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	433 kN
Fatigue load limit Pu	49 kN
Calculation factor Y0	2.8
Calculation factor Y2	4.2
Calculation factor Y1	2.8
Calculation factor - Y1	2.8
Calculation factor - Y0	2.8

Fatigue load limit - Pu	49 kN
Calculation factor - Y2	4.2
Basic static load rating C0	490 kN
Basic static load rating - C0	490 kN