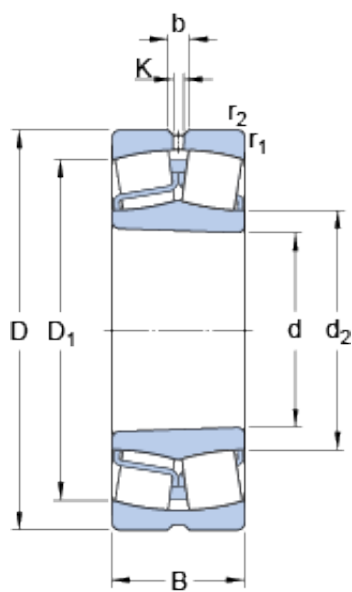




Bearing No. 22219 EK

D	170 mm
d	95 mm
B	43 mm
b	8.3 mm
K	4.5 mm
Bore	3.74 Inch 95 Millimeter
Noun	Bearing
Width	1.693 Inch 43 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	170x95x43
Inventory	0.0
Enclosure	Open
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Width (mm)	43
Bore Profile	Tapered
maximum rpm:	4800 RPM
Weight / LBS	9.144
Mass bearing	4.05 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
D ₁	150 mm
d ₂	112 mm
Cage Material	Steel
Relubricatable	Yes
Withdrawal Nut	KM21

Bearing number	22219 EK
Keyword String	Spherical
bore diameter:	95 mm
cage material:	Steel
fillet radius:	2 mm
overall width:	43 mm
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Limiting speed	4800 r/min
Rolling Element	Spherical Roller Bearing
finish/coating:	Uncoated
Mounting Method	Adapter Mount
Reference speed	3600 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Long Description	95MM Tapered Bore; 170MM Outside Diameter; 43MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu
Outside Diameter	6.693 Inch 170 Millimeter
outer ring width:	43 mm
precision rating:	Not Rated
outside diameter:	170 mm
bearing material:	Steel
Manufacturer Name	SKF
Weight / Kilogram	4.151

Withdrawal Sleeve	AHX319 (Specify bore)
Bore Diameter (mm)	170
r_a max.	2 mm
D_a max.	158 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Adapter Part Number	SNW19 H319 HA319 HE319 (Specify bore) Inch H319 (Specify bore) Millimeter
Outer Diameter (mm)	95
$r_{1,2}$ min.	2.1 mm
d_a - min.	103 mm
d_a - max.	112 mm
Calculation factor e	0.24
Minimum Buy Quantity	N/A
D_a - max.	158 mm
r_a - max.	2 mm
D_1 ?	150 mm
d_2 ?	112 mm
static load capacity:	450 kN
Harmonized Tariff Code	84823080
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	380 kN
Calculation factor - e	0.24
lubrication hole type:	Lubrication Groove & Hole
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	393 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	393 kN

Calculation factor Y_1	2.8
Calculation factor Y_2	4.2
Calculation factor Y_0	2.8
Fatigue load limit P_u	45.5 kN
Calculation factor - Y_1	2.8
Fatigue load limit - P_u	45.5 kN
Calculation factor - Y_0	2.8
Calculation factor - Y_2	4.2
Basic static load rating C_0	450 kN
Basic static load rating - C_0	450 kN
Recommended lock nut tightening angle ?	150 °