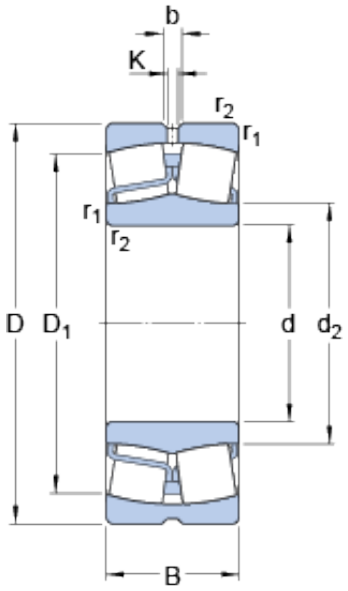
Loyal | 22216 E



Bearing No. 22216 E

b	6 mm
K	3 mm
d	80 mm
D	140 mm
B	33 mm
Noun	Bearing
Bore	3.15 Inch | 80 Millimeter
Width	1.299 Inch | 33 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	140x80x33
Enclosure	Open
Inventory	0.0
Width (mm)	33
bore type:	Straight
maximum rpm:	6000 RPM
Weight / LBS	4.735
Bore Profile	Straight
Mass bearing	2.1 kg
Cage Material	Steel
closure type:	Open
d_2	94.7 mm
D_1	124 mm
Inch - Metric	Metric
Product Group	B04311
Limiting speed	6000 r/min
fillet radius:	2 mm
cage material:	Steel

overall width:	4.3800 in
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
bore diameter:	80 mm
Bearing number	22216 E
finish/coating:	Uncoated
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	4300 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Long Description	80MM Straight Bore; 140MM Outside Diameter; 33MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Outside Diameter	5.512 Inch | 140 Millimeter
outer ring width:	33 mm
precision rating:	Not Rated
outside diameter:	140 mm
Manufacturer Name	SKF
bearing material:	Steel
Weight / Kilogram	2.15
Withdrawal Sleeve	Not Applicable
Bore Diameter (mm)	140
r_a max.	2 mm
D_a max.	129 mm
d_a min.	91 mm

Internal Clearance	C0-Medium
Outer Diameter (mm)	80
Adapter Part Number	Not Applicable Inch | Not Applicable Millimeter
internal clearance:	C0
d_a - min.	91 mm
Minimum Buy Quantity	N/A
r_a - max.	2 mm
$r_{1,2}$ min.	2 mm
D_a - max.	129 mm
Calculation factor e	0.22
d_2 ?	94.7 mm
static load capacity:	270 kN
D_1 ?	124 mm
dynamic load capacity:	236 kN
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Calculation factor - e	0.22
$r_{1,2}$ - min.	2 mm
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	243 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	243 kN
Fatigue load limit P_u	29 kN
Calculation factor Y_0	2.8
Calculation factor Y_2	4.6
Calculation factor Y_1	3
Calculation factor - Y_1	3
Calculation factor - Y_0	2.8

Fatigue load limit - P_u	29 kN
Calculation factor - Y_2	4.6
Basic static load rating C_0	270 kN
Basic static load rating - C_0	270 kN