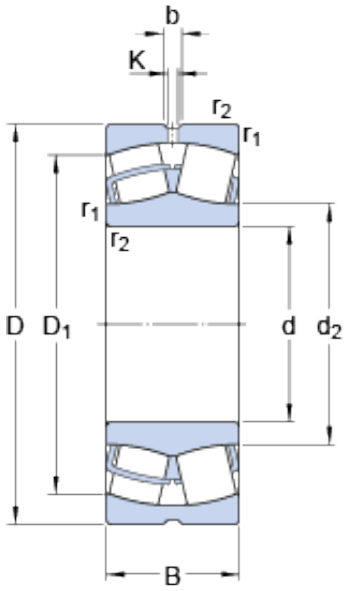
Loyal | 21311 E



Bearing No. 21311 E

b	6 mm
K	3 mm
d	55 mm
D	120 mm
B	29 mm
Noun	Bearing
Bore	2.165 Inch | 55 Millimeter
Width	1.142 Inch | 29 Millimeter
UNSPSC	31171510
series:	213
Category	Spherical Roller Bearing
Size (mm)	120x55x29
Enclosure	Open
Inventory	8.0
bore type:	Straight
Width (mm)	29
cage type:	Inner Ring Guided
maximum rpm:	7500 RPM
Weight / LBS	3.761
Bore Profile	Straight
Mass bearing	1.7 kg
D_1	96.2 mm
Cage Material	Steel
closure type:	Open
d_2	72.7 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	2 mm

cage material:	Steel
overall width:	29 mm
bore diameter:	55 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	21311 E
Limiting speed	7500 r/min
Reference speed	5600 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Outside Diameter	4.724 Inch | 120 Millimeter
outer ring type:	Not Split
Long Description	55MM Straight Bore; 120MM Outside Diameter; 29MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Manufacturer URL	http://www.skf.com
Weight / Kilogram	1.707
precision rating:	Not Rated
Withdrawal Sleeve	Not Applicable
outer ring width:	29 mm
outside diameter:	120 mm
bearing material:	Steel
Manufacturer Name	SKF
D_a max.	109 mm
Bore Diameter (mm)	120

Internal Clearance	C0-Medium
r_a max.	2 mm
d_a min.	66 mm
internal clearance:	C0
Outer Diameter (mm)	55
Adapter Part Number	Not Applicable Inch | Not Applicable Millimeter
d_a - min.	66 mm
$r_{1,2}$ min.	2 mm
Minimum Buy Quantity	N/A
D_a - max.	109 mm
r_a - max.	2 mm
Calculation factor e	0.24
D_1 ?	96.2 mm
d_2 ?	72.7 mm
static load capacity:	166 kN
Calculation factor - e	0.24
dynamic load capacity:	156 kN
$r_{1,2}$ - min.	2 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	159 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	159 kN
Calculation factor Y_1	2.8
Fatigue load limit P_u	18.6 kN
Calculation factor Y_2	4.2
Calculation factor Y_0	2.8

Calculation factor - Y_1	2.8
Calculation factor - Y_2	4.2
Calculation factor - Y_0	2.8
Fatigue load limit - P_u	18 kN
Basic static load rating C_0	166 kN
Basic static load rating - C_0	163 kN