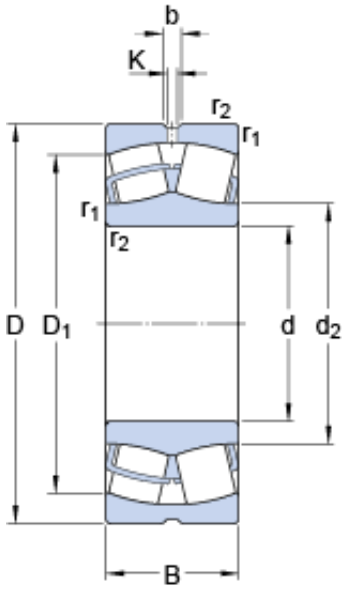

Bearing No. 22311 E

b	5.5 mm
K	3 mm
d	55 mm
D	120 mm
B	43 mm
Noun	Bearing
Bore	2.165 Inch | 55 Millimeter
Width	1.693 Inch | 43 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	120x55x43
Enclosure	Open
Inventory	56.0
bore type:	Straight
Width (mm)	43
cage type:	Inner Ring Guided
maximum rpm:	5600 RPM
Weight / LBS	5.242
Bore Profile	Straight
Mass bearing	2.45 kg
D1	102 mm
Cage Material	Steel
closure type:	Open
d2	70.1 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	2 mm

cage material:	Steel
overall width:	43 mm
bore diameter:	55 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	22311 E
Limiting speed	5600 r/min
Reference speed	4300 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; 43MM 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	2.38
precision rating:	Not Rated
Withdrawal Sleeve	Not Applicable
outer ring width:	43 mm
outside diameter:	120 mm
bearing material:	Steel
Manufacturer Name	SKF
Da max.	109 mm
Bore Diameter (mm)	120

Internal Clearance ra	C0-Medium
max.	2 mm
da min. internal	66 mm
clearance:	C0
Outer Diameter (mm)	55
Adapter Part Number	Not Applicable Inch | Not Applicable Millimeter
da - min.	66 mm
r1,2 min.	2 mm
Minimum Buy Quantity	N/A
Da - max.	109 mm
ra - max.	2 mm
Calculation factor e	0.35
D1 ?	102 mm
d2 ?	70.1 mm
static load capacity:	280 kN
Calculation factor - e	0.35
dynamic load capacity:	270 kN
r1,2 - 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	280 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	280 kN
Calculation factor Y1	1.9
Fatigue load limit Pu	30 kN
Calculation factor Y2	2.9
Calculation factor Y0	1.8

Calculation factor - Y1	1.9
Calculation factor - Y2	2.9
Calculation factor - Y0	1.8
Fatigue load limit - Pu	30 kN
Basic static load rating C0	280 kN
Basic static load rating - C0	280 kN