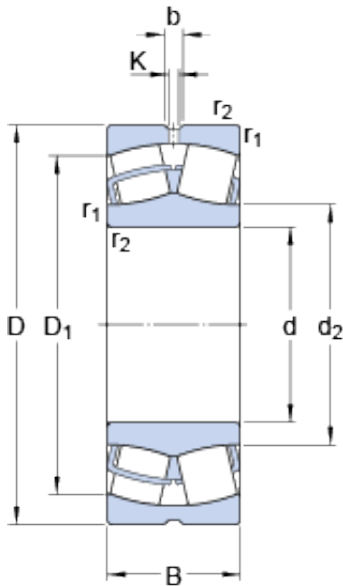




SKF 22311 E spherical roller bearings

Bearing No. 22311 E



22311 E Bearing 2D drawings and 3D CAD models

Size	120x55x43 mm
Bore Diameter	120 mm
Outer Diameter	55 mm
Width	43 mm
d	55 mm
D	120 mm
B	43 mm
d ₂	70.1 mm
D ₁	102 mm
b	5.5 mm
K	3 mm
r _{1,2} - min.	2 mm
d _a - min.	66 mm
D _a - max.	109 mm
r _a - max.	2 mm
Basic dynamic load rating - C	280 kN
Basic static load rating - C ₀	280 kN
Fatigue load limit - P _u	30 kN
Reference speed	4300 r/min
Limiting speed	5600 r/min
Calculation factor - e	0.35
Calculation factor - Y ₁	1.9
Calculation factor - Y ₂	2.9
Calculation factor - Y ₀	1.8



SNR BEARINGS PRODUCTION EXPORT CO., LTD

Category	Spherical Roller Bearings
Inventory	56.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.38
EAN	7316576653629
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch - Metric	Metric
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
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	5.242
Outside Diameter	4.724 Inch 120 Millimeter



SNR BEARINGS PRODUCTION EXPORT CO., LTD

Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Bore	2.165 Inch 55 Millimeter
Width	1.693 Inch 43 Millimeter
bore diameter:	55 mm
maximum rpm:	5600 RPM
outside diameter:	120 mm
operating temperature range:	Maximum of +390 ° F
overall width:	43 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	43 mm
dynamic load capacity:	270 kN
fillet radius:	2 mm
static load capacity:	280 kN
series:	223
d_2	70.1 mm
D_1	102 mm
$r_{1,2}$ min.	2 mm
d_a min.	66 mm
D_a max.	109 mm
r_a max.	2 mm
Basic dynamic load rating C	280 kN
Basic static load rating C_0	280 kN



SNR BEARINGS PRODUCTION EXPORT CO., LTD

Fatigue load limit P_u	30 kN
Calculation factor e	0.35
Calculation factor Y_1	1.9
Calculation factor Y_2	2.9
Calculation factor Y_0	1.8
Mass bearing	2.45 kg