



22322 E Bearing 2D drawings and 3D CAD models

## 22322 E SKF Spherical Roller Bearings

Bearing No. 22322 E

Size	240x110x80 mm
Bore Diameter	240 mm
Outer Diameter	110 mm
Width	80 mm
d	110 mm
D	240 mm
B	80 mm
d <sub>2</sub>	143 mm
D <sub>1</sub>	204 mm
b	13.9 mm
K	7.5 mm
r <sub>1,2</sub> - min.	3 mm
d <sub>a</sub> - min.	124 mm
D <sub>a</sub> - max.	226 mm
r <sub>a</sub> - max.	2.5 mm
Basic dynamic load rating - C	989 kN
Basic static load rating - C <sub>0</sub>	1120 kN
Fatigue load limit - P <sub>u</sub>	100 kN
Reference speed	2000 r/min
Limiting speed	2800 r/min
Calculation factor - e	0.33
Calculation factor - Y <sub>1</sub>	2
Calculation factor - Y <sub>2</sub>	3
Calculation factor - Y <sub>0</sub>	2



Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	17.886
EAN	7316570112689
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	110MM Straight Bore; 240MM Outside Diameter; 80MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	39.397
Bore	4.331 Inch   110 Millimeter

Outside Diameter	9.449 Inch   240 Millimeter
Width	3.15 Inch   80 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
bore diameter:	110 mm
maximum rpm:	2800 RPM
outside diameter:	240 mm
operating temperature range:	Maximum of +390 ° F
overall width:	80 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
precision rating:	Not Rated
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	80 mm
lubrication hole type:	Lubrication Groove & Hole
fillet radius:	2.5 mm
dynamic load capacity:	950 kN
series:	223
static load capacity:	1120 kN
$d_2$	143 mm
$D_1$	204 mm
$r_{1,2}$ min.	3 mm
$d_a$ min.	124 mm
$D_a$ max.	226 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	989 kN
Basic static load rating $C_0$	1120 kN
Fatigue load limit $P_u$	100 kN



Calculation factor e	0.33
Calculation factor $Y_1$	2
Calculation factor $Y_2$	3
Calculation factor $Y_0$	2
Mass bearing	18.4 kg