



BROWNING BEARING COMPANY



50 mm x 110 mm x 40 mm skf 22310 e bearing

Bearing No. 22310 e

22310 e Bearing 2D drawings and 3D CAD models

Category	Spherical Roller Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.873
EAN	7316571523484
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	50MM Straight Bore; 110MM Outside Diameter; 40MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510



BROWNING BEARING COMPANY

Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	4.125
d	1.969 Inch 50 Millimeter
D	4.331 Inch 110 Millimeter
B	1.575 Inch 40 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
bore diameter:	50 mm
maximum rpm:	6300 RPM
outside diameter:	110 mm
operating temperature range:	Maximum of +390 ° F
overall width:	40 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:	40 mm
dynamic load capacity:	220 kN
fillet radius:	2 mm
static load capacity:	224 kN
series:	223
d	50 mm
D	110 mm



BROWNING BEARING COMPANY

B	40 mm
d_2	63.9 mm
D_1	91.9 mm
b	6 mm
K	3 mm
$r_{1,2}$ min.	2 mm
d_a min.	61 mm
D_a max.	99 mm
r_a max.	2 mm
Basic dynamic load rating C	228 kN
Basic static load rating C_0	224 kN
Fatigue load limit P_u	24 kN
Reference speed	4800 r/min
Limiting speed	6300 r/min
Calculation factor e	0.37
Calculation factor Y_1	1.8
Calculation factor Y_2	2.7
Calculation factor Y_0	1.8
Mass bearing	1.9 kg