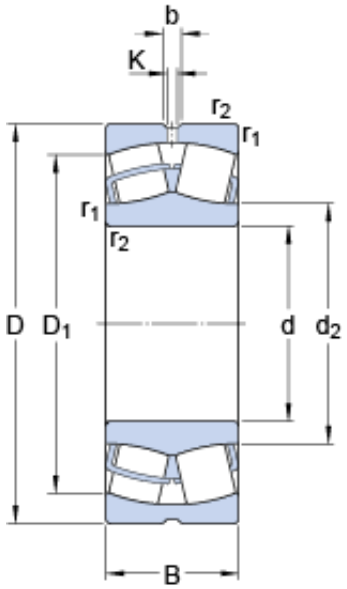

Bearing No. 22312 E

b	8.3 mm
K	4.5 mm
d	60 mm
D	130 mm
B	46 mm
Noun	Bearing
Bore	2.362 Inch | 60 Millimeter
Width	1.811 Inch | 46 Millimeter
UNSPSC	31171510
series:	223
Category	Spherical Roller Bearing
Size (mm)	130x60x46
Enclosure	Open
Inventory	6.0
bore type:	Straight
Width (mm)	46
cage type:	Inner Ring Guided
maximum rpm:	5300 RPM
Weight / LBS	6.541
Bore Profile	Straight
Mass bearing	3.1 kg
D1	110 mm
Cage Material	Steel
closure type:	Open
d2	77.9 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	2 mm

cage material:	Steel
overall width: bore	46 mm
diameter:	60 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	22312 E
Limiting speed	5300 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Reference speed	4000 r/min
outer ring type:	Not Split
Manufacturer URL	http://www.skf.com
Long Description	60MM Straight Bore; 130MM Outside Diameter; 46MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Outside Diameter	5.118 Inch | 130 Millimeter
outside diameter:	130 mm
bearing material:	Steel
outer ring width:	46 mm
Weight / Kilogram	2.97
Withdrawal Sleeve	Not Applicable
precision rating:	Not Rated
Manufacturer Name	SKF
da min.	72 mm
Bore Diameter (mm)	130

Da max.	118 mm
ra max.	2 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	60
Adapter Part Number	Not Applicable Inch | Not Applicable Millimeter
r1,2 min.	2.1 mm
Minimum Buy Quantity	N/A
da - min.	72 mm
Da - max.	118 mm
ra - max.	2 mm
Calculation factor e	0.35
D1 ?	110 mm
d2 ?	77.9 mm
static load capacity:	335 kN
Calculation factor - e	0.35
dynamic load capacity:	310 kN
r1,2 - min.	2.1 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	325 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	325 kN
Calculation factor Y1	1.9
Fatigue load limit Pu	36 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	36 kN
Basic static load rating C0	335 kN
Basic static load rating - C0	335 kN