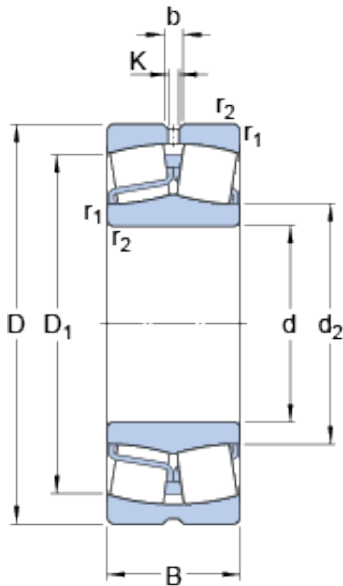




BEARING MANUFACTURING DE MEXICO, S.A.D...



22220 E Bearing 2D drawings and 3D CAD models

100 mm x 180 mm x 46 mm SKF 22220 E
spherical roller bearings

Bearing No. 22220 E

Size	180x100x46 mm
Bore Diameter	180 mm
Outer Diameter	100 mm
Width	46 mm
d	100 mm
D	180 mm
B	46 mm
d ₂	118 mm
D ₁	159 mm
b	8.3 mm
K	4.5 mm
r _{1,2} - min.	2.1 mm
d _a - min.	112 mm
D _a - max.	168 mm
r _a - max.	2 mm
Basic dynamic load rating - C	433 kN
Basic static load rating - C ₀	490 kN
Fatigue load limit - P _u	49 kN
Reference speed	3400 r/min
Limiting speed	4500 r/min
Calculation factor - e	0.24
Calculation factor - Y ₁	2.8
Calculation factor - Y ₂	4.2
Calculation factor - Y ₀	2.8



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Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.945
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	100MM Straight Bore; 180MM Outside Diameter; 46MM 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	10.891
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter



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Width	1.811 Inch 46 Millimeter
Bore	3.937 Inch 100 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
bore diameter:	100 mm
maximum rpm:	4500 RPM
outside diameter:	180 mm
operating temperature range:	Maximum of +390 ° F
overall width:	46 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:	46 mm
dynamic load capacity:	425 kN
fillet radius:	2 mm
static load capacity:	490 kN
series:	222
d_2	118 mm
D_1	159 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	112 mm
D_a max.	168 mm
r_a max.	2 mm
Basic dynamic load rating C	433 kN
Basic static load rating C_0	490 kN
Fatigue load limit P_u	49 kN



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Calculation factor e	0.24
Calculation factor Y_1	2.8
Calculation factor Y_2	4.2
Calculation factor Y_0	2.8
Mass bearing	4.9 kg