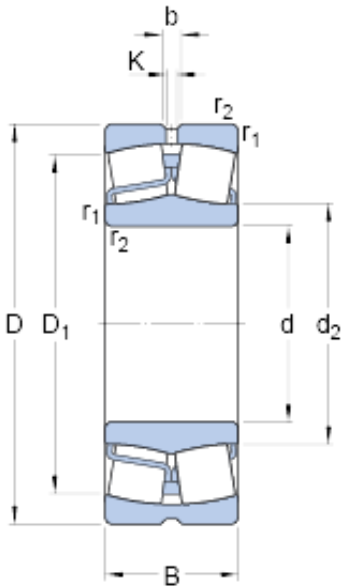




## Bearing company

110 mm x 200 mm x 53 mm skf 22222 e bearing

Bearing No. 22222 e



22222 e Bearing 2D drawings and 3D CAD models

Size	200x110x53 mm
Bore Diameter	200 mm
Outer Diameter	110 mm
Width	53 mm
d	110 mm
D	200 mm
B	53 mm
d <sub>2</sub>	130 mm
D <sub>1</sub>	178 mm
b	8.3 mm
K	4.5 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	122 mm
D <sub>a</sub> - max.	188 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	572 kN
Basic static load rating - C <sub>0</sub>	640 kN
Fatigue load limit - P <sub>u</sub>	63 kN
Reference speed	3000 r/min
Limiting speed	4000 r/min
Calculation factor - e	0.25
Calculation factor - Y <sub>1</sub>	2.7
Calculation factor - Y <sub>2</sub>	4
Calculation factor - Y <sub>0</sub>	2.5



## Bearing company

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	7.136
EAN	7316570086010
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; 200MM Outside Diameter; 53MM 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	15.719
Outside Diameter	7.874 Inch   200 Millimeter



## Bearing company

Width	2.087 Inch   53 Millimeter
Bore	4.331 Inch   110 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
bore diameter:	110 mm
maximum rpm:	4000 RPM
outside diameter:	200 mm
operating temperature range:	Maximum of +390 ° F
overall width:	53 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:	53 mm
lubrication hole type:	Lubrication Groove & Hole
fillet radius:	2 mm
dynamic load capacity:	560 kN
series:	222
static load capacity:	640 kN
$d_2$	130 mm
$D_1$	178 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	122 mm
$D_a$ max.	188 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	572 kN
Basic static load rating $C_0$	640 kN
Fatigue load limit $P_u$	63 kN



## Bearing company

Calculation factor e	0.25
Calculation factor $Y_1$	2.7
Calculation factor $Y_2$	4
Calculation factor $Y_0$	2.5
Mass bearing	7 kg