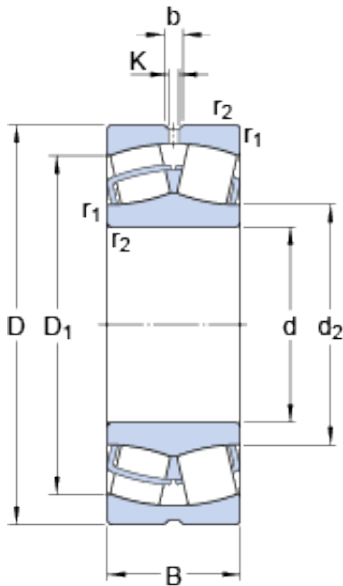




## BEARING FORGE OF AMERICA CORP.

55 mm x 100 mm x 25 mm skf 22211 e bearing

Bearing No. 22211 e



22211 e Bearing 2D drawings and 3D CAD models

Size	100x55x25 mm
Bore Diameter	100 mm
Outer Diameter	55 mm
Width	25 mm
d	55 mm
D	100 mm
B	25 mm
d <sub>2</sub>	65.3 mm
D <sub>1</sub>	88 mm
b	6 mm
K	3 mm
r <sub>1,2</sub> - min.	1.5 mm
d <sub>a</sub> - min.	64 mm
D <sub>a</sub> - max.	91 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	129 kN
Basic static load rating - C <sub>0</sub>	127 kN
Fatigue load limit - P <sub>u</sub>	14 kN
Reference speed	6300 r/min
Limiting speed	8500 r/min
Calculation factor - e	0.24
Calculation factor - Y <sub>1</sub>	2.8
Calculation factor - Y <sub>2</sub>	4.2
Calculation factor - Y <sub>0</sub>	2.8



## BEARING FORGE OF AMERICA CORP.

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.851
EAN	7316576652127
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	55MM Straight Bore; 100MM Outside Diameter; 25MM 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	1.875
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter



## BEARING FORGE OF AMERICA CORP.

Outside Diameter	3.937 Inch   100 Millimeter
Bore	2.165 Inch   55 Millimeter
Width	0.984 Inch   25 Millimeter
bore diameter:	55 mm
maximum rpm:	8500 RPM
outside diameter:	100 mm
operating temperature range:	Maximum of +390 ° F
overall width:	25 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:	25 mm
dynamic load capacity:	125 kN
fillet radius:	1.5 mm
static load capacity:	127 kN
series:	222
$d_2$	65.3 mm
$D_1$	88 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ min.	64 mm
$D_a$ max.	91 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	129 kN
Basic static load rating $C_0$	127 kN



## BEARING FORGE OF AMERICA CORP.

Fatigue load limit $P_u$	13.7 kN
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	0.84 kg