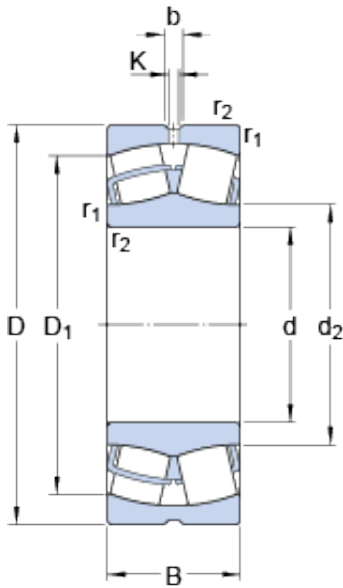




# BEARING FORGE OF AMERICA CORP.

35 mm x 72 mm x 23 mm skf 22207 e bearing

Bearing No. 22207 e



22207 e Bearing 2D drawings and 3D CAD models

Size	72x35x23 mm
Bore Diameter	72 mm
Outer Diameter	35 mm
Width	23 mm
d	35 mm
D	72 mm
B	23 mm
d <sub>2</sub>	44.5 mm
D <sub>1</sub>	61.8 mm
b	3.7 mm
K	2 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	42 mm
D <sub>a</sub> - max.	65 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	88.8 kN
Basic static load rating - C <sub>0</sub>	83 kN
Fatigue load limit - P <sub>u</sub>	9.2 kN
Reference speed	9000 r/min
Limiting speed	12000 r/min
Calculation factor - e	0.31
Calculation factor - Y <sub>1</sub>	2.2
Calculation factor - Y <sub>2</sub>	3.3
Calculation factor - Y <sub>0</sub>	2.2



## BEARING FORGE OF AMERICA CORP.

Category	Spherical Roller Bearings
Inventory	36.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.456
EAN	7316572101551
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	35MM Straight Bore; 72MM Outside Diameter; 23MM 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	1.004
Outside Diameter	2.835 Inch   72 Millimeter



## BEARING FORGE OF AMERICA CORP.

Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
Bore	1.378 Inch   35 Millimeter
Width	0.906 Inch   23 Millimeter
bore diameter:	35 mm
maximum rpm:	12000 RPM
outside diameter:	72 mm
operating temperature range:	Maximum of +390 ° F
overall width:	4.3800 in
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:	23 mm
dynamic load capacity:	86.5 kN
fillet radius:	1 mm
static load capacity:	85 kN
series:	222
$d_2$	44.5 mm
$D_1$	61.8 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	42 mm
$D_a$ max.	65 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	88.8 kN
Basic static load rating $C_0$	85 kN



## BEARING FORGE OF AMERICA CORP.

Fatigue load limit $P_u$	9.3 kN
Calculation factor $e$	0.31
Calculation factor $Y_1$	2.2
Calculation factor $Y_2$	3.3
Calculation factor $Y_0$	2.2
Mass bearing	0.45 kg