



# BEARING DRIVESHAFT, INC.



35 mm x 72 mm x 17 mm skf nu 207 ecp bearing

Bearing No. nu 207 ecp

nu 207 ecp Bearing 2D drawings and 3D CAD models

Size	72x35x17 mm
Bore Diameter	72 mm
Outer Diameter	35 mm
Width	17 mm
d	35 mm
D	72 mm
B	17 mm
D <sub>1</sub>	60.2 mm
F	44 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	0.6 mm
s	1.3 mm
d <sub>a</sub> - min.	39.8 mm
d <sub>a</sub> - max.	42.2 mm
d <sub>b</sub> - min.	46 mm
D <sub>a</sub> - max.	65.1 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	0.6 mm
Basic dynamic load rating - C	56 kN
Basic static load rating - C <sub>0</sub>	48 kN
Fatigue load limit - P <sub>u</sub>	6.1 kN
Reference speed	11000 r/min
Limiting speed	12000 r/min
Calculation factor - k <sub>r</sub>	0.15
Category	Cylindrical Roller Bearings



## BEARING DRIVESHAFT,INC.

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.305
EAN	7316577029294
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	High Capacity   Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	35MM Bore; Straight Bore Profile; 72MM Outside Diameter; 17MM Width; Polymer Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>



## BEARING DRIVESHAFT, INC.

Manufacturer Item Number	NU 207 ECP
Weight / LBS	0.672
Outside Diameter	2.835 Inch   72 Millimeter
Width	0.669 Inch   17 Millimeter
Bore	1.378 Inch   35 Millimeter
bore diameter:	35 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	72 mm
maximum rpm:	12000 RPM
overall width:	17 mm
bearing material:	Steel
flanges:	(2) Outer Ring
cage material:	Polyamide
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
ring separation:	Separable Ring
outer ring width:	17 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1 mm
dynamic load capacity:	56 kN
series:	NU2
static load capacity:	48 kN
D <sub>1</sub>	60.2 mm
r <sub>1,2</sub> min.	1.1 mm
r <sub>3,4</sub> min.	0.6 mm



## BEARING DRIVESHAFT, INC.

s max.	1.3 mm
$d_a$ min.	39.8 mm
$d_a$ max.	42.2 mm
$d_b$ min.	46 mm
$D_a$ max.	65.1 mm
$r_a$ max.	1 mm
$r_b$ max.	0.6 mm
Basic dynamic load rating C	56 kN
Basic static load rating $C_0$	48 kN
Fatigue load limit $P_u$	6.1 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.29 kg