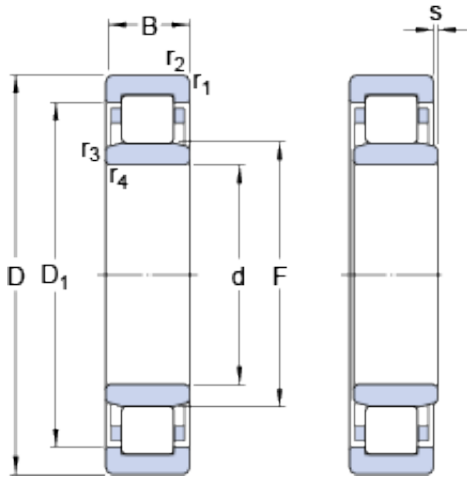




# Ruville BEARING COMPANY



## 85 mm x 150 mm x 28 mm SKF NU 217 ECP thrust ball bearings

Bearing No. NU 217 ECP

NU 217 ECP Bearing 2D drawings and 3D CAD models

Size	150x85x28 mm
Bore Diameter	150 mm
Outer Diameter	85 mm
Width	28 mm
d	85 mm
D	150 mm
B	28 mm
D <sub>1</sub>	130.3 mm
F	100.5 mm
r <sub>1,2</sub> - min.	2 mm
r <sub>3,4</sub> - min.	2 mm
s	1.5 mm
d <sub>a</sub> - min.	96 mm
d <sub>a</sub> - max.	98 mm
d <sub>b</sub> - min.	103 mm
D <sub>a</sub> - max.	138.5 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	2 mm
Basic dynamic load rating - C	190 kN
Basic static load rating - C <sub>0</sub>	200 kN
Fatigue load limit - P <sub>u</sub>	25 kN
Reference speed	4800 r/min
Limiting speed	5300 r/min
Calculation factor - k <sub>r</sub>	0.15



## Ruville BEARING COMPANY

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.94
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	85MM Bore; Straight Bore Profile; 150MM Outside Diameter; 28MM Width; Polymer Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium In
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>



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Manufacturer Item Number	NU 217 ECP
Weight / LBS	4.281
Bore	3.346 Inch   85 Millimeter
Width	1.102 Inch   28 Millimeter
Outside Diameter	5.906 Inch   150 Millimeter
bore diameter:	85 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	150 mm
maximum rpm:	5300 RPM
overall width:	28 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:	28 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	190 kN
series:	NU2
static load capacity:	200 kN
D <sub>1</sub>	130.3 mm
r <sub>1,2</sub> min.	2 mm
r <sub>3,4</sub> min.	2 mm



## Ruville BEARING COMPANY

s max.	1.5 mm
$d_a$ min.	96 mm
$d_a$ max.	98 mm
$d_b$ min.	103 mm
$D_a$ max.	138.5 mm
$r_a$ max.	2 mm
$r_b$ max.	2 mm
Basic dynamic load rating C	190 kN
Basic static load rating $C_0$	200 kN
Fatigue load limit $P_u$	25 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	1.89 kg