



**Bearing No. NU 2217 ECP**

D	150 mm
d	85 mm
B	36 mm
F	100.5 mm
s	2 mm
Bore	3.346 Inch   85 Millimeter
Noun	Bearing
Width	1.417 Inch   36 Millimeter
s max.	2 mm
UNSPSC	31171547
series:	NU22
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	150x85x36
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	36
Bore Profile	Straight
Mass bearing	2.49 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	5.609
maximum rpm:	5300 RPM

closure type:	Open
Inch - Metric	Metric
Product Group	B04144
Cage Material	Polymer
D <sub>1</sub>	130.3 mm
bore diameter:	85 mm
overall width:	36 mm
cage material:	Polyamide
Other Features	High Capacity   Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	2 mm
Bearing number	NU 2217 ECP
Limiting speed	5300 r/min
Rolling Element	Cylindrical Roller Bearing
number of rows:	1
Precision Class	RBEC 1   ISO P0
finish/coating:	Uncoated
Reference speed	4800 r/min
ring separation:	Separable Ring
Limiting value e	0.3
Long Description	85MM Bore; Straight Bore Profile; 150MM Outside Diameter; 36MM Width; Polymer Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium In
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	5.906 Inch   150

	Millimeter
bearing material:	Steel
outside diameter:	150 mm
precision rating:	RBEC 1 (ISO Class Normal)
outer ring width:	36 mm
Weight / Kilogram	2.55
Manufacturer Name	SKF
D <sub>a</sub> max.	138.5 mm
d <sub>a</sub> max.	98 mm
r <sub>a</sub> max.	2 mm
r <sub>b</sub> max.	2 mm
d <sub>a</sub> min.	96 mm
Bore Diameter (mm)	150
Internal Clearance	C0-Medium
d <sub>b</sub> min.	103 mm
Outer Diameter (mm)	85
Axial load factor Y	0.4
internal clearance:	C0
r <sub>3,4</sub> min.	2 mm
r <sub>1,2</sub> min.	2 mm
d <sub>a</sub> - min.	96 mm
r <sub>a</sub> - max.	2 mm
Minimum Buy Quantity	N/A
r <sub>b</sub> - max.	2 mm
d <sub>a</sub> - max.	98 mm
d <sub>b</sub> - min.	103 mm
D <sub>a</sub> - max.	138.5 mm
static load capacity:	280 kN
D <sub>1</sub> ?	130.3 mm
r <sub>3,4</sub> - min.	2 mm
Harmonized Tariff Code	8482.50.00.00
	2 mm

r<sup>1,2</sup> - min.

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dynamic load capacity:	250 kN
Manufacturer Item Number	NU 2217 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	250 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	250 kN
Fatigue load limit $P_u$	34.5 kN
Calculation factor $k_r$	0.2
Fatigue load limit - $P_u$	34.5 kN
Calculation factor - $k_r$	0.2
Basic static load rating $C_0$	280 kN
Basic static load rating - $C_0$	280 kN