



**Bearing No. NU 217 ECM**

D	150 mm
d	85 mm
B	28 mm
F	100.5 mm
s	1.5 mm
Bore	3.346 Inch   85 Millimeter
Noun	Bearing
Width	1.102 Inch   28 Millimeter
s max.	1.5 mm
UNSPSC	31171547
series:	NU2
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	150x85x28
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	28
Bore Profile	Straight
Mass bearing	2.16 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	4.863
maximum rpm:	5300 RPM

closure type:	Open
Inch - Metric	Metric
Product Group	B04144
Cage Material	Brass
D <sub>1</sub>	130.3 mm
bore diameter:	85 mm
overall width:	28 mm
cage material:	Brass
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 217 ECM
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
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	5.906 Inch   150 Millimeter
Limiting value e	0.2
Long Description	85MM Bore; Straight Bore Profile; 150MM Outside Diameter; 28MM Width; Brass Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable;

	C0-Medium Inte
outer ring width:	28 mm
Manufacturer Name	SKF
Weight / Kilogram	2.213
bearing material:	Steel
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	150 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	150
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
r <sub>a</sub> max.	2 mm
d <sub>a</sub> min.	96 mm
Outer Diameter (mm)	85
Axial load factor Y	0.6
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:	200 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:	190 kN
Manufacturer Item Number	NU 217 ECM
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	190 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	190 kN
Fatigue load limit $P_u$	25 kN
Calculation factor $k_r$	0.15
Fatigue load limit - $P_u$	25 kN
Calculation factor - $k_r$	0.15
Basic static load rating $C_0$	200 kN
Basic static load rating - $C_0$	200 kN