



PFG BEARING LIMITED



65 mm x 140 mm x 33 mm skf nu 313 ecp bearing

Bearing No. nu 313 ecp

nu 313 ecp Bearing 2D drawings and 3D CAD models

Size	140x65x33 mm
Bore Diameter	140 mm
Outer Diameter	65 mm
Width	33 mm
d	65 mm
D	140 mm
B	33 mm
D ₁	117.4 mm
F	82.5 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	2.1 mm
s	2.2 mm
d _a - min.	77 mm
d _a - max.	80 mm
d _b - min.	85 mm
D _a - max.	127.8 mm
r _a - max.	2 mm
r _b - max.	2 mm
Basic dynamic load rating - C	212 kN
Basic static load rating - C ₀	196 kN
Fatigue load limit - P _u	25.5 kN
Reference speed	5300 r/min
Limiting speed	6000 r/min
Calculation factor - k _r	0.15



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Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.252
EAN	7316577065377
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	65MM Bore; Straight Bore Profile; 140MM Outside Diameter; 33MM 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



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Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NU 313 ECP
Weight / LBS	4.96
Width	1.299 Inch 33 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
Bore	2.559 Inch 65 Millimeter
bore diameter:	65 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	140 mm
maximum rpm:	6000 RPM
overall width:	33 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:	33 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	212 kN
series:	NU3
static load capacity:	196 kN
D ₁	117.4 mm
r _{1,2} min.	2.1 mm



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$r_{3,4}$ min.	2.1 mm
s max.	2.2 mm
d_a min.	77 mm
d_a max.	80 mm
d_b min.	85 mm
D_a max.	127.8 mm
r_a max.	2 mm
r_b max.	2 mm
Basic dynamic load rating C	212 kN
Basic static load rating C_0	196 kN
Fatigue load limit P_u	25.5 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	2.2 kg