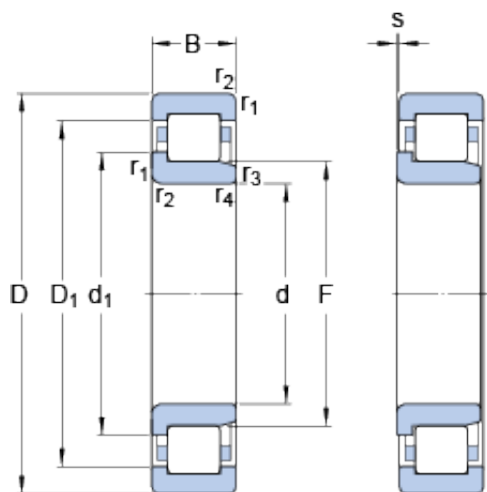




Bearing No. NJ 313 ECM

F	82.5 mm
s	2.2 mm
d	65 mm
D	140 mm
B	33 mm
Noun	Bearing
Bore	2.559 Inch 65 Millimeter
Width	1.299 Inch 33 Millimeter
s max.	2.2 mm
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NJ3
flanges:	(2) Outer Ring, (1) Inner Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Separable	Inner Ring - One Side
Size (mm)	140x65x33
Inventory	0.0
Snap Ring	No
Width (mm)	33
bore type:	Straight
Bore Profile	Straight
Mass bearing	2.69 kg
Weight / LBS	6.031
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools

maximum rpm:	6000 RPM
closure type:	Open
Product Group	B04144
Cage Material	Brass
Inch - Metric	Metric
D ₁	117.4 mm
d ₁	90.5 mm
bore diameter:	65 mm
overall width:	33 mm
cage material:	Brass
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
fillet radius:	2 mm
Relubricatable	Yes
Bearing number	NJ 313 ECM
Limiting speed	6000 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
number of rows:	1
finish/coating:	Uncoated
Reference speed	5300 r/min
Outside Diameter	5.512 Inch 140 Millimeter
ring separation:	Separable Ring
Long Description	65MM Bore; Straight Bore Profile; 140MM Outside Diameter; 33MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable;

	C0-Medium Intern
Limiting value e	0.2
Manufacturer URL	http://www.skf.com
bearing material:	Steel
outside diameter:	140 mm
precision rating:	RBEC 1 (ISO Class Normal)
outer ring width:	33 mm
Weight / Kilogram	2.738
Manufacturer Name	SKF
d _a max.	80 mm
d _b min.	93 mm
D _a max.	127.8 mm
d _a min.	77 mm
Bore Diameter (mm)	140
r _a max.	2 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	65
Axial load factor Y	0.6
internal clearance:	C0
r _{3,4} min.	2.1 mm
r _{1,2} min.	2.1 mm
d _a - min.	77 mm
D _a - max.	127.8 mm
Minimum Buy Quantity	N/A
r _a - max.	2 mm
d _a - max.	80 mm
d _b - min.	93 mm
static load capacity:	196 kN
d ₁ ?	90.5 mm
D ₁ ?	117.4 mm
r _{3,4} - min.	2.1 mm
Harmonized Tariff Code	8482.50.00.00

$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	212 kN
Manufacturer Item Number	NJ 313 ECM
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	212 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	212 kN
Fatigue load limit P_u	25.5 kN
Calculation factor k_r	0.15
Fatigue load limit - P_u	25.5 kN
Calculation factor - k_r	0.15
Basic static load rating C_0	196 kN
Basic static load rating - C_0	196 kN