



# NTN Machinery Manufacturing Co., Ltd



## 65 mm x 160 mm x 37 mm SKF NU 413 thrust ball bearings

Bearing No. NU 413

NU 413 Bearing 2D drawings and 3D CAD models

Size	160x65x37 mm
Bore Diameter	160 mm
Outer Diameter	65 mm
Width	37 mm
d	65 mm
D	160 mm
B	37 mm
D <sub>1</sub>	126.85 mm
F	89.3 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	2.1 mm
s	2.6 mm
d <sub>a</sub> - min.	78 mm
d <sub>a</sub> - max.	86 mm
d <sub>b</sub> - min.	91 mm
D <sub>a</sub> - max.	146 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	2 mm
Basic dynamic load rating - C	183 kN
Basic static load rating - C <sub>0</sub>	190 kN
Fatigue load limit - P <sub>u</sub>	24 kN
Reference speed	4800 r/min
Limiting speed	5600 r/min
Calculation factor - k <sub>r</sub>	0.15



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Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.56
EAN	7316577012814
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
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	Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	65MM Bore; Straight Bore Profile; 160MM Outside Diameter; 37MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing



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Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	NU 413
Weight / LBS	7.959
Width	1.457 Inch   37 Millimeter
Outside Diameter	6.299 Inch   160 Millimeter
Bore	2.559 Inch   65 Millimeter
$D_1$	126.85 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	2.1 mm
s max.	2.6 mm
$d_a$ min.	78 mm
$d_a$ max.	86 mm
$d_b$ min.	91 mm
$D_a$ max.	146 mm
$r_a$ max.	2 mm
$r_b$ max.	2 mm
Basic dynamic load rating C	183 kN
Basic static load rating $C_0$	190 kN
Fatigue load limit $P_u$	24 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	3.56 kg