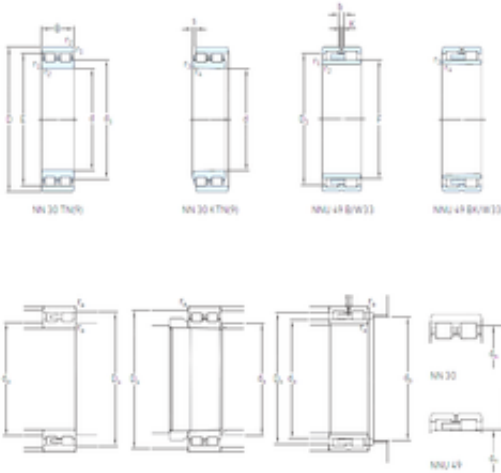




# KFY MANUFACTURING MEXICO LIMITED



## 80 mm x 125 mm x 34 mm SKF NN 3016 TN/SP cylindrical roller bearings

Bearing No. NN 3016 TN/SP

Size	80x125x34 mm
Bore Diameter	80 mm
Outer Diameter	125 mm
Width	34 mm
d	80 mm
D	125 mm
B	34 mm
C	34 mm
b	– mm
d1	97 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
E	113 mm
K	– mm
da min.	86,5 mm
Da min	114 mm
Da max.	118,5 mm
ra max.	1 mm
S	2 mm
dh	111,4 mm
Weight	1,5 Kg
Basic dynamic load rating (C)	119 kN
Basic static load rating (C0)	186 kN

NN 3016 TN/SP Bearing 2D drawings and 3D CAD models



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(Grease) Lubrication Speed	7 000 r/min
(Oil) Lubrication Speed	8 000 r/min
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.591
EAN	7316572121061
Product Group	B04270
Bore Profile	Straight
Cage Material	Polymer
Precision Class	Special Precision
Number of Rows of Rollers	Double Row
Separable	Outer Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C1-Tight
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	3 Rib Inner Ring   Plain Outer Ring   High Precision Bearing   Cage on Inner Ring OD
Long Description	80MM Bore; Straight Bore Profile; 125MM Outside Diameter; 34MM Width; Polymer Cage Material; Special Precision; Double Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C1-Tight I
Category	Cylindrical Roller Bearing



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UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	NN 3016 TN/SP
Weight / LBS	3.505
Width	1.339 Inch   34 Millimeter
Bore	3.15 Inch   80 Millimeter
Outside Diameter	4.921 Inch   125 Millimeter
$d_1$	97 mm
$r_{1,2}$ min.	1.1 mm
s max.	2 mm
$d_a$ min.	86.5 mm
$D_a$ min.	114 mm
$D_a$ max.	118.5 mm
$r_a$ max.	1 mm
$d_n$	111.4 mm
Basic dynamic load rating C	119 kN
Basic static load rating $C_0$	186 kN
Fatigue load limit $P_u$	22 kN
Attainable speed for grease lubrication	7000 r/min
Attainable speed for oil-air lubrication	8000 r/min
Reference grease quantity $G_{ref}$	8.3 cm <sup>3</sup>
Static radial stiffness (guideline value)	1820 N/ $\mu$ m
Mass bearing	1.5 kg