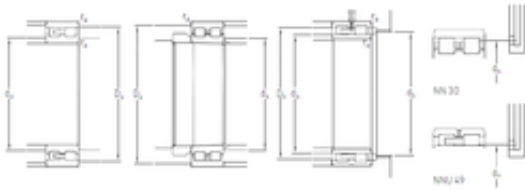
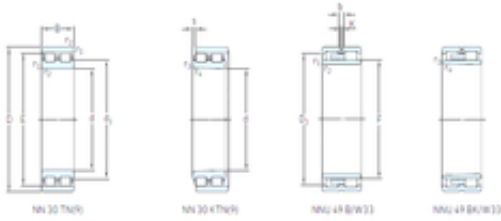




Timken Bearing Company



50 mm x 80 mm x 23 mm SKF NN 3010 TN/SP Cylindrical roller bearing

Bearing No. NN 3010 TN/SP

NN 3010 TN/SP Bearing 2D drawings and 3D CAD models

Size	50x80x23 mm
Bore Diameter	50 mm
Outer Diameter	80 mm
Width	23 mm
d	50 mm
D	80 mm
B	23 mm
C	23 mm
b	– mm
d1	61,3 mm
r1 min.	1 mm
r2 min.	1 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
E	72,5 mm
K	– mm
da min.	55 mm
Da min	74 mm
Da max.	75 mm
ra max.	1 mm
S	1,5 mm
dh	71,4 mm
Weight	0,42 Kg
Basic dynamic load rating (C)	52,8 kN
Basic static load rating (C0)	73,5 kN



Timken Bearing Company

(Grease) Lubrication Speed	11 000 r/min
(Oil) Lubrication Speed	13 000 r/min
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.447
EAN	7316572120613
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	50MM Bore; Straight Bore Profile; 80MM Outside Diameter; 23MM Width; Polymer Cage Material; Special Precision; Double Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C1-Tight In
Category	Cylindrical Roller Bearing



Timken Bearing Company

UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NN 3010 TN/SP
Weight / LBS	0.986
Width	0.906 Inch 23 Millimeter
Bore	1.969 Inch 50 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
d_1	61.3 mm
$r_{1,2}$ min.	1 mm
s max.	1.5 mm
d_a min.	55 mm
D_a min.	74 mm
D_a max.	75 mm
r_a max.	1 mm
d_n	71.4 mm
Basic dynamic load rating C	52.8 kN
Basic static load rating C_0	73.5 kN
Fatigue load limit P_u	8.5 kN
Attainable speed for grease lubrication	11000 r/min
Attainable speed for oil-air lubrication	13000 r/min
Reference grease quantity G_{ref}	2.7 cm ³
Static radial stiffness (guideline value)	1040 N/ μ m
Mass bearing	0.42 kg