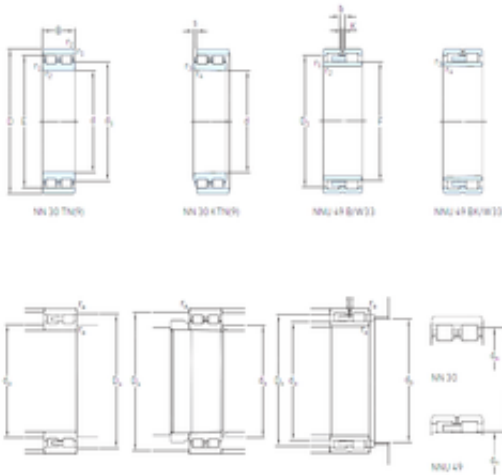




BEARING USA CORP.



120 mm x 180 mm x 46 mm SKF NN 3024 TN9/SP cylindrical roller bearings

Bearing No. NN 3024 TN9/SP

Size	120x180x46 mm
Bore Diameter	120 mm
Outer Diameter	180 mm
Width	46 mm
d	120 mm
D	180 mm
B	46 mm
C	46 mm
b	– mm
d1	142,6 mm
r1 min.	2 mm
r2 min.	2 mm
r3 min.	1,1 mm
r4 min.	1,1 mm
E	165 mm
K	– mm
da min.	130 mm
Da min	167 mm
Da max.	170 mm
ra max.	2 mm
S	3 mm
dh	162,9 mm
Weight	3,7 Kg
Basic dynamic load rating (C)	229 kN
Basic static load rating (C0)	390 kN

NN 3024 TN9/SP Bearing 2D drawings and 3D CAD models



BEARING USA CORP.

(Grease) Lubrication Speed	4 800 r/min
(Oil) Lubrication Speed	5 300 r/min
d_1	142.6 mm
$r_{1,2}$ min.	2 mm
s max.	3 mm
d_a min.	130 mm
D_a min.	167 mm
D_a max.	170 mm
r_a max.	2 mm
d_n	162.9 mm
Basic dynamic load rating C	229 kN
Basic static load rating C_0	390 kN
Fatigue load limit P_u	44 kN
Attainable speed for grease lubrication	4800 r/min
Attainable speed for oil-air lubrication	5300 r/min
Reference grease quantity G_{ref}	23.1 cm ³
Static radial stiffness (guideline value)	2760 N/ μ m
Mass bearing	3.7 kg