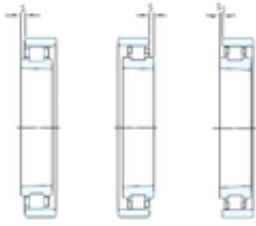
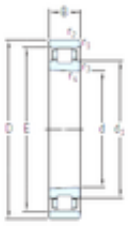
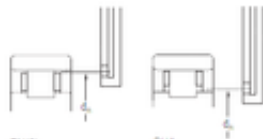
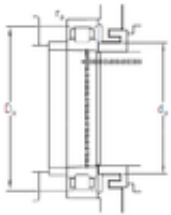




NTN BEARING CORP.OF AMERICA



TN19, PHA TNHA



TN19 PHA

120 mm x 180 mm x 28 mm SKF N 1024
KTNHA/HC5SP cylindrical roller bearings

Bearing No. N 1024 KTNHA/HC5SP

N 1024 KTNHA/HC5SP Bearing 2D drawings and 3D CAD models

Size	120x180x28 mm
Bore Diameter	120 mm
Outer Diameter	180 mm
Width	28 mm
d	120 mm
D	180 mm
B	28 mm
C	28 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
da min.	129 mm
Da min	167 mm
Da max.	171 mm
rb max.	2 mm
S	3 mm
S1	1 mm
dh	– mm
Weight	1,9 Kg
Basic dynamic load rating (C)	130 kN
Basic static load rating (C0)	186 kN
(Grease) Lubrication Speed	9 000 r/min



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(Oil) Lubrication Speed	12 000 r/min
d_1	142.6 mm
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1.1 mm
s max.	3 mm
s_1 max.	1 mm
d_a min.	129 mm
D_a min.	167 mm
D_a max.	171 mm
r_a max.	2 mm
Basic dynamic load rating C	130 kN
Basic static load rating C_0	186 kN
Fatigue load limit P_u	21.2 kN
Attainable speed for grease lubrication	9000 r/min
Attainable speed for oil-air lubrication	12000 r/min
Reference grease quantity G_{ref}	33.6 cm ³
Static radial stiffness (guideline value)	1670 N/ μ m
Mass bearing	1.92 kg