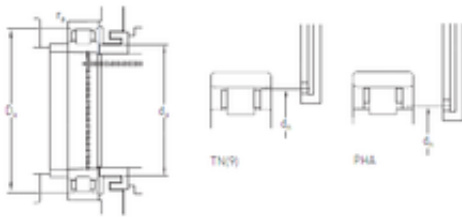
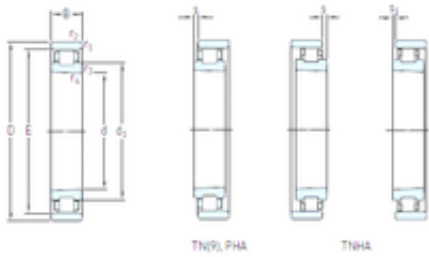




NTK BEARING PRECISION AXLE CORP.



N 1011 KTNHA/SP Bearing 2D drawings and 3D CAD models

55 mm x 90 mm x 18 mm SKF N 1011
KTNHA/SP cylindrical roller bearings

Bearing No. N 1011 KTNHA/SP

Size	55x90x18 mm
Bore Diameter	55 mm
Outer Diameter	90 mm
Width	18 mm
d	55 mm
D	90 mm
B	18 mm
C	18 mm
d1	68,2 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
E	81 mm
da min.	61,5 mm
Da min	82 mm
Da max.	83,5 mm
rb max.	1 mm
S	2,5 mm
S1	1,5 mm
dh	– mm
Weight	0,39 Kg
Basic dynamic load rating (C)	39,1 kN
Basic static load rating (C0)	46,5 kN
(Grease) Lubrication Speed	17 000 r/min



NTK BEARING PRECISION AXLE CORP.

(Oil) Lubrication Speed	24 000 r/min
d_1	68.2 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
s max.	2.5 mm
s_1 max.	1.5 mm
d_a min.	61.5 mm
D_a min.	82 mm
D_a max.	83.5 mm
r_a max.	1 mm
Basic dynamic load rating C	39.1 kN
Basic static load rating C_0	46.5 kN
Fatigue load limit P_u	5.5 kN
Attainable speed for grease lubrication	17000 r/min
Attainable speed for oil-air lubrication	24000 r/min
Reference grease quantity G_{ref}	4.9 cm ³
Static radial stiffness (guideline value)	590 N/ μ m
Mass bearing	0.39 kg