



## 65 mm x 100 mm x 18 mm SKF N 1013 KTNHA/HC5SP cylindrical roller bearings

Bearing No. N 1013 KTNHA/HC5SP

N 1013 KTNHA/HC5SP Bearing 2D drawings and 3D  
CAD models

Size	65x100x18 mm
Bore Diameter	65 mm
Outer Diameter	100 mm
Width	18 mm
d	65 mm
D	100 mm
B	18 mm
d <sub>1</sub>	78.2 mm
E	91 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	0.6 mm
s	2.5 mm
s <sub>1</sub>	1.5 mm
d <sub>a</sub> - min.	71.5 mm
D <sub>a</sub> - min.	92 mm
D <sub>a</sub> - max.	93.5 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	44 kN
Basic static load rating - C <sub>0</sub>	56 kN
Fatigue load limit - P <sub>u</sub>	6.6 kN
Limiting speed for grease lubrication	17000 r/min
Limiting speed for oil lubrication	22000 mm/min
G <sub>ref</sub>	5.5 cm



## NTN DRIVESHAFT ANDERIU, INC.

Static radial stiffness (guideline value)	930 N/micron
$d_1$	78.2 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.	71.5 mm
$D_a$ min.	92 mm
$D_a$ max.	93.5 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	44 kN
Basic static load rating $C_0$	56 kN
Fatigue load limit $P_u$	6.55 kN
Attainable speed for grease lubrication	17000 r/min
Attainable speed for oil-air lubrication	22000 r/min
Reference grease quantity $G_{ref}$	5.5 cm <sup>3</sup>
Mass bearing	0.39 kg