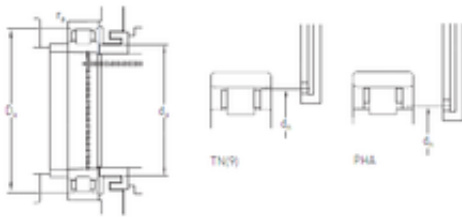
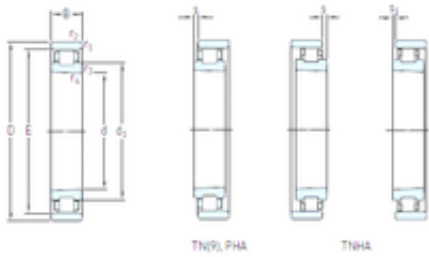




# Jinan Shenglei Bearing Co., Ltd.



## 50 mm x 80 mm x 16 mm SKF N 1010 KPHA/HC5SP Cylindrical roller bearing

Bearing No. N 1010 KPHA/HC5SP

N 1010 KPHA/HC5SP Bearing 2D drawings and 3D  
CAD models

Size	50x80x16 mm
Bore Diameter	50 mm
Outer Diameter	80 mm
Width	16 mm
d	50 mm
D	80 mm
B	16 mm
C	16 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
da min.	55 mm
Da min	74 mm
Da max.	75 mm
rb max.	1 mm
S	2 mm
dh	63 mm
Weight	0,22 Kg
Basic dynamic load rating (C)	28,6 kN
Basic static load rating (C0)	33,5 kN
(Grease) Lubrication Speed	28 000 r/min
(Oil) Lubrication Speed	32 000 r/min



## Jinan Shenglei Bearing Co., Ltd.

$d_1$	61.3 mm
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.6 mm
s max.	2 mm
$d_a$ min.	55 mm
$D_a$ min.	74 mm
$D_a$ max.	75 mm
$r_a$ max.	1 mm
$d_n$	63 mm
Basic dynamic load rating C	28.6 kN
Basic static load rating $C_0$	33.5 kN
Fatigue load limit $P_u$	3.8 kN
Attainable speed for grease lubrication	28000 r/min
Attainable speed for oil-air lubrication	32000 r/min
Reference grease quantity $G_{ref}$	4.4 cm <sup>3</sup>
Static radial stiffness (guideline value)	590 N/ $\mu$ m
Mass bearing	0.22 kg