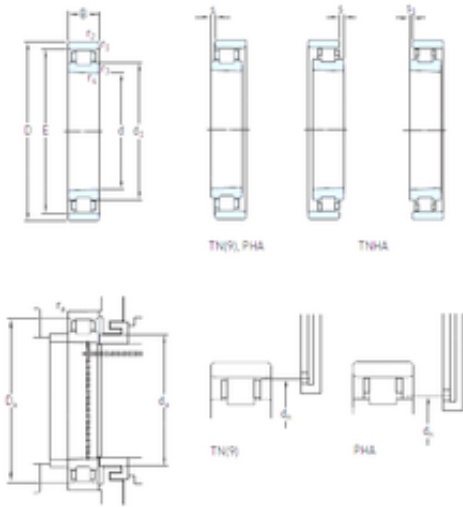




# KRS Guide Wheel Bearing Co., Ltd

110 mm x 170 mm x 28 mm SKF N 1022  
KTN9/HC5SP cylindrical roller bearings

Bearing No. N 1022 KTN9/HC5SP



N 1022 KTN9/HC5SP Bearing 2D drawings and 3D CAD models

Size	110x170x28 mm
Bore Diameter	110 mm
Outer Diameter	170 mm
Width	28 mm
d	110 mm
D	170 mm
B	28 mm
C	28 mm
d1	132,6 mm
r1 min.	2 mm
r2 min.	2 mm
r3 min.	1,1 mm
r4 min.	1,1 mm
E	155 mm
da min.	119 mm
Da min	157 mm
Da max.	161 mm
rb max.	2 mm
S	3 mm
dh	153 mm
Weight	1,8 Kg
Basic dynamic load rating (C)	128 kN
Basic static load rating (C0)	180 kN
(Grease) Lubrication Speed	6 700 r/min
(Oil) Lubrication Speed	7 500 r/min



## KRS Guide Wheel Bearing Co., Ltd

$d_1$	132.6 mm
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1.1 mm
s max.	3 mm
$d_a$ min.	119 mm
$D_a$ min.	157 mm
$D_a$ max.	161 mm
$r_a$ max.	2 mm
$d_n$	153 mm
Basic dynamic load rating C	128 kN
Basic static load rating $C_0$	180 kN
Fatigue load limit $P_u$	20.8 kN
Attainable speed for grease lubrication	6700 r/min
Attainable speed for oil-air lubrication	7500 r/min
Reference grease quantity $G_{ref}$	20.5 cm <sup>3</sup>
Static radial stiffness (guideline value)	1600 N/ $\mu$ m
Mass bearing	1.79 kg