



**80 mm x 125 mm x 22 mm SKF N 1016  
KTNHA/HC5SP Cylindrical roller bearings**

Bearing No. N 1016 KTNHA/HC5SP

N 1016 KTNHA/HC5SP Bearing 2D drawings and 3D  
CAD models

Size	80x125x22 mm
Bore Diameter	80 mm
Outer Diameter	125 mm
Width	22 mm
d	80 mm
D	125 mm
B	22 mm
d <sub>1</sub>	97 mm
E	113 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	0.6 mm
s	3 mm
s <sub>1</sub>	1 mm
d <sub>a</sub> - min.	86.5 mm
D <sub>a</sub> - min.	114 mm
D <sub>a</sub> - max.	118.5 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	67.1 kN
Basic static load rating - C <sub>0</sub>	90 kN
Fatigue load limit - P <sub>u</sub>	10.6 kN
Limiting speed for grease lubrication	13000 r/min
Limiting speed for oil lubrication	18000 mm/min
G <sub>ref</sub>	9.8 cm



## SJN Machinery Co., Ltd.

Static radial stiffness (guideline value)	1140 N/micron
Category	Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B04270
$d_1$	97 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
s max.	3 mm
$s_1$ max.	1 mm
$d_a$ min.	86.5 mm
$D_a$ min.	114 mm
$D_a$ max.	118.5 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	67.1 kN
Basic static load rating $C_0$	90 kN
Fatigue load limit $P_u$	10.6 kN
Attainable speed for grease lubrication	13000 r/min
Attainable speed for oil-air lubrication	18000 r/min
Reference grease quantity $G_{ref}$	9.8 cm <sup>3</sup>
Mass bearing	0.79 kg