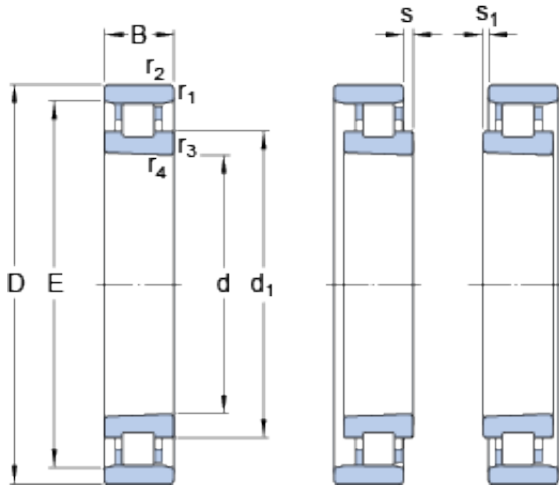




# UGE BEARING INDUSTRIAL CO., LTD.



45 mm x 75 mm x 16 mm SKF N 1009  
KTNHA/HC5SP Special design 60 ° contact  
angle Precision Bearings

Bearing No. N 1009 KTNHA/HC5SP

N 1009 KTNHA/HC5SP Bearing 2D drawings and 3D  
CAD models

Size	45x75x16 mm
Bore Diameter	45 mm
Outer Diameter	75 mm
Width	16 mm
d	45 mm
D	75 mm
B	16 mm
d <sub>1</sub>	56.3 mm
E	67.5 mm
r <sub>1,2</sub> - min.	1 mm
r <sub>3,4</sub> - min.	0.6 mm
s	2 mm
s <sub>1</sub>	1.5 mm
d <sub>a</sub> - min.	50 mm
D <sub>a</sub> - min.	69 mm
D <sub>a</sub> - max.	70 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	28.1 kN
Basic static load rating - C <sub>0</sub>	31 kN
Fatigue load limit - P <sub>u</sub>	3.6 kN
Limiting speed for grease lubrication	22000 r/min
Limiting speed for oil lubrication	32000 mm/min



## UGE BEARING INDUSTRIAL CO., LTD.

$G_{ref}$	3.2 cm
Static radial stiffness (guideline value)	590 N/micron
$d_1$	56.3 mm
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.6 mm
s max.	2 mm
$s_1$ max.	1.5 mm
$d_a$ min.	50 mm
$D_a$ min.	69 mm
$D_a$ max.	70 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	28.1 kN
Basic static load rating $C_0$	31 kN
Fatigue load limit $P_u$	3.65 kN
Attainable speed for grease lubrication	22000 r/min
Attainable speed for oil-air lubrication	32000 r/min
Reference grease quantity $G_{ref}$	3.2 cm <sup>3</sup>
Mass bearing	0.21 kg