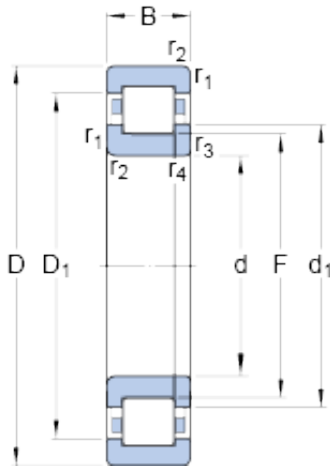




## Shandong Zhongyue Precision Bearing C...



45 mm x 85 mm x 19 mm SKF NUP 209 ECPH  
thrust ball bearings

Bearing No. NUP 209 ECPH

NUP 209 ECPH Bearing 2D drawings and 3D CAD  
models

Size	85x45x19 mm
Bore Diameter	85 mm
Outer Diameter	45 mm
Width	19 mm
d	45 mm
D	85 mm
B	19 mm
d <sub>1</sub>	59 mm
D <sub>1</sub>	72.4 mm
F	54.5 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	1.1 mm
d <sub>a</sub> - min.	52 mm
d <sub>b</sub> - min.	61 mm
D <sub>a</sub> - max.	77.6 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	69.5 kN
Basic static load rating - C <sub>0</sub>	64 kN
Fatigue load limit - P <sub>u</sub>	8.2 kN
Reference speed	9000 r/min
Limiting speed	9500 r/min
Calculation factor - k <sub>r</sub>	0.15
d <sub>1</sub>	59 mm
D <sub>1</sub>	72.4 mm



## Shandong Zhongyue Precision Bearing C...

$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	1.1 mm
$d_a$ min.	52 mm
$d_b$ min.	61 mm
$D_a$ max.	77.6 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	69.5 kN
Basic static load rating $C_0$	64 kN
Fatigue load limit $P_u$	8.15 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.45 kg