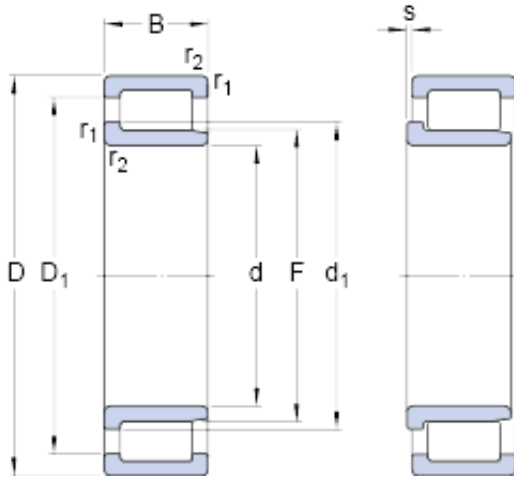




# TON BEARING CO.,LTD.



45 mm x 100 mm x 36 mm skf NJG 2309 VH  
Single row full complement cylindrical roller bearings

Bearing No. NJG 2309 VH

NJG 2309 VH Bearing 2D drawings and 3D CAD models

Size	100x45x36 mm
Bore Diameter	100 mm
Outer Diameter	45 mm
Width	36 mm
d	45 mm
D	100 mm
B	36 mm
d <sub>1</sub>	62.5 mm
D <sub>1</sub>	80.1 mm
F	56.14 mm
s	2.4 mm
r <sub>1,2</sub> - min.	1.5 mm
d <sub>a</sub> - min.	54 mm
d <sub>as</sub>	59.3 mm
d <sub>b</sub> - max.	54 mm
D <sub>a</sub> - max.	91 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	172 kN
Basic static load rating - C <sub>0</sub>	196 kN
Fatigue load limit - P <sub>u</sub>	25.5 kN
Reference speed	2800 r/min
Limiting speed	3400 r/min
Calculation factor - k <sub>r</sub>	0.35



## TON BEARING CO.,LTD.

Calculation factor - e	0.3
Calculation factor - Y	0.4
$d_1$	62.5 mm
$D_1$	80.1 mm
s max.	2.4 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ min.	54 mm
$d_{as}$	59.3 mm
$d_b$ max.	54 mm
$D_a$ max.	91 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	172 kN
Basic static load rating $C_0$	196 kN
Fatigue load limit $P_u$	25.5 kN
Calculation factor $k_r$	0.35
Calculation factor e	0.3
Calculation factor Y	0.4
Mass bearing	1.4 kg