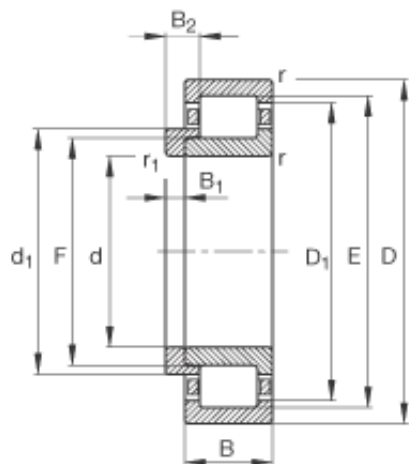




## Tolamentos do Brasil Ltda



45 mm x 100 mm x 25 mm FAG NJ309-E-TVP2  
+ HJ309-E cylindrical roller bearings

Bearing No. NJ309-E-TVP2 + HJ309-E

NJ309-E-TVP2 + HJ309-E Bearing 2D drawings and 3D  
CAD models

Size	45x100x25 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	25 mm
d	45 mm
D	100 mm
B	25 mm
B <sub>1</sub>	7 mm
B <sub>2</sub>	11,5 mm
D <sub>1</sub>	84,1 mm
D <sub>a max</sub>	91 mm
d <sub>1</sub>	64,4 mm
d <sub>a max</sub>	57 mm
d <sub>a min</sub>	54 mm
d <sub>c min</sub>	66 mm
E	88,5 mm
F	58,5 mm
r <sub>1 min</sub>	1,5 mm
r <sub>a max</sub>	1,5 mm
r <sub>min</sub>	1,5 mm
s	1 mm / Axial displacement facility from central position
- HJ309-E / Designation, L- section ring	HJ309E / Designation, Lsection ring



## Tolamentos do Brasil Ltda

$m$	0,913 kg / Weight
$m_1$	0,109 kg
$C_r$	116000 N / Dynamic load rating (radial)
$C_{0r}$	99000 N / Static load rating (radial)
$n_G$	8500 1/min / Limiting speed
$n_B$	6600 1/min / Reference speed
$C_{ur}$	17200 N / Fatigue limit load, radial