

1309-TVH FAG 45x100x25mm nB 9300 1/min / Reference speed Self aligning ball bearings

Bearing number	1309-TVH
Size (mm)	45x100x25
Brand	FAG
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Width (mm)	25
d	45 mm
D	100 mm
B	25 mm
D_1	84.1 mm
$D_{a \max}$	91 mm
d_1	64.1 mm
$d_{a \min}$	54 mm
$r_{a \max}$	1.5 mm
r_{\min}	1.5 mm
m	0.953 kg / Weight
C_r	38500 N / Dynamic load rating (radial)
e	0.25
Y_1	2.5
Y_2	3.87
C_{0r}	12600 N / Static load rating (radial)
Y_0	2.62

n_G	7500 1/min / Limiting speed
n_B	9300 1/min / Reference speed
C_{ur}	780 N / Fatigue limit load. radial