

# 1209-K-TVH-C3 FAG 45x85x19mm Cur 455 N / Fatigue limit load. radial Self aligning ball bearings

Bearing number	1209-K-TVH-C3
Size (mm)	45x85x19
Brand	FAG
Bore Diameter (mm)	45
Outer Diameter (mm)	85
Width (mm)	19
d	45 mm
D	85 mm
B	19 mm
D <sub>1</sub>	72.7 mm
D <sub>a max</sub>	78 mm
d <sub>1</sub>	57.7 mm
d <sub>a min</sub>	52 mm
r <sub>a max</sub>	1 mm
r <sub>min</sub>	1.1 mm
m	0.454 kg / Weight
C <sub>r</sub>	22000 N / Dynamic load rating (radial)
e	0.21
Y <sub>1</sub>	3.04
Y <sub>2</sub>	4.7
C <sub>0r</sub>	7300 N / Static load rating (radial)

$Y_{\theta}$	3.18
$n_G$	9000 1/min / Limiting speed
$n_B$	11100 1/min / Reference speed
$C_{ur}$	455 N / Fatigue limit load. radial