

2209-K-TVH-C3 FAG 45x85x23mm Outer Diameter 85mm Self aligning ball bearings

Bearing number	2209-K-TVH-C3
Size (mm)	45x85x23
Brand	FAG
Bore Diameter (mm)	45
Outer Diameter (mm)	85
Width (mm)	23
d	45 mm
D	85 mm
B	23 mm
D_1	75.9 mm
$D_{a \max}$	78 mm
d_1	59 mm
$d_{a \min}$	52 mm
$r_{a \max}$	1 mm
r_{\min}	1.1 mm
m	0.505 kg / Weight
C_r	28500 N / Dynamic load rating (radial)
e	0.26
Y_1	2.43
Y_2	3.76
C_{0r}	8900 N / Static load rating (radial)
Y_0	2.54

n_G	8500 1/min / Limiting speed
n_B	8700 1/min / Reference speed
C_{ur}	550 N / Fatigue limit load. radial