

# 1218-TVH FAG nG 4500 1/min / Limiting speed 90x160x30mm Self aligning ball bearings

Bearing number	1218-TVH
Size (mm)	90x160x30
Brand	FAG
Bore Diameter (mm)	90
Outer Diameter (mm)	160
Width (mm)	30
d	90 mm
D	160 mm
B	30 mm
D <sub>1</sub>	138.7 mm
D <sub>a max</sub>	149 mm
d <sub>1</sub>	112.7 mm
d <sub>a min</sub>	101 mm
r <sub>a max</sub>	2 mm
r <sub>min</sub>	2 mm
m	2.52 kg / Weight
C <sub>r</sub>	57000 N / Dynamic load rating (radial)
e	0.17
Y <sub>1</sub>	3.74
Y <sub>2</sub>	5.79
C <sub>0r</sub>	23300 N / Static load rating (radial)
Y <sub>0</sub>	3.92

$n_G$	4500 1/min / Limiting speed
$n_B$	6600 1/min / Reference speed
$C_{ur}$	1300 N / Fatigue limit load. radial