

# 1204-TVH FAG 20x47x14mm Y0

## 2.34 Self aligning ball bearings

Bearing number	1204-TVH
Size (mm)	20x47x14
Brand	FAG
Bore Diameter (mm)	20
Outer Diameter (mm)	47
Width (mm)	14
d	20 mm
D	47 mm
B	14 mm
D <sub>1</sub>	38.1 mm
D <sub>a max</sub>	41.4 mm
d <sub>1</sub>	29.2 mm
d <sub>a min</sub>	25.6 mm
r <sub>a max</sub>	1 mm
r <sub>min</sub>	1 mm
m	0.118 kg / Weight
C <sub>r</sub>	10100 N / Dynamic load rating (radial)
e	0.28
Y <sub>1</sub>	2.24
Y <sub>2</sub>	3.46
C <sub>0r</sub>	2600 N / Static load rating (radial)
Y <sub>0</sub>	2.34

$n_G$	18000 1/min / Limiting speed
$n_B$	20700 1/min / Reference speed
$C_{ur}$	161 N / Fatigue limit load. radial