

FAG 1218-TVH self aligning ball bearings

We work 20 mm d closely with our FAG 1218-TVH self aligning ball bearings manufacturing partners to bring the best 47 mm D value to customers.

d	20 mm
D	47 mm
B	14 mm
E	41.5 mm
F	26.5 mm
d1	29.7 mm
D1	38.8 mm
rs min	1 mm
rls min	0.6 mm
Radial clearance class	CN
Mass (without HJ ring)	0.12 kg
Dynamic load, C	26.6 kN
Static load, C0	23.8 kN
Fatigue limit load, Cu	2.9 kN
Nref	13,000 rpm
Nlim	19,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.31 Hz
Characteristic outer ring frequency, BPF0	4.68 Hz
Characteristic inner ring frequency, BRFI	7.32 Hz

da min	25 mm
da max	26 mm
db min	29 mm
dc min	32 mm
Da max	42 mm
ra max	1 mm
r1a max	0.6 mm