

# 24184-B-K30+AH24184      FAG

## Calculation factor (Y1) 1.67

### 420x700x280mm      Spherical roller bearings

Bearing number	24184-B-K30+AH24184
Size (mm)	420x700x280
Brand	FAG
Bore Diameter (mm)	420
Outer Diameter (mm)	700
Width (mm)	280
d	420 mm
d1	400 mm
D	700 mm
B	280 mm
C	280 mm
n	23.5 mm
I	310 mm
a	22 mm
b	30 mm
r min.	6 mm
D1	590.3 mm
Thread (G)	Tr440X5
da min.	446 mm
Da max.	674 mm
ra max.	5 mm
d5	12.5 r/min

Weight	447.3 Kg
Basic dynamic load rating (C)	6200 kN
Basic static load rating (C0)	12700 kN
Fatigue load limit (Pu)	980
Reference speed	265 r/min
Limiting speed	630 r/min
Calculation factor (e)	0.4
Calculation factor (Y0)	1.63
Calculation factor (Y1)	1.67