

# 24180-E1 FAG 400x650x250mm

## Calculation factor (Y0) 1.78

### Spherical roller bearings

Bearing number	24180-E1
Size (mm)	400x650x250
Brand	FAG
Bore Diameter (mm)	400
Outer Diameter (mm)	650
Width (mm)	250
d	400 mm
D	650 mm
B	250 mm
C	250 mm
n	23.5 mm
r min.	6 mm
D1	555.8 mm
da min.	426 mm
Da max.	624 mm
ra max.	5 mm
d5	12.5 r/min
Weight	320 Kg
Basic dynamic load rating (C)	6200 kN
Basic static load rating (C0)	10600 kN
Fatigue load limit (Pu)	760
Reference speed	300 r/min
Limiting speed	630 r/min
Calculation factor (e)	0.37

Calculation factor (Y0)	1.78
Calculation factor (Y1)	1.82
Calculation factor (Y2)	2.7