

# 24184-E1 FAG da min. 446 mm 420x700x280mm Spherical roller bearings

Bearing number	24184-E1
Size (mm)	420x700x280
Brand	FAG
Bore Diameter (mm)	420
Outer Diameter (mm)	700
Width (mm)	280
d	420 mm
D	700 mm
B	280 mm
C	280 mm
n	23.5 mm
r min.	6 mm
D1	591.5 mm
da min.	446 mm
Da max.	674 mm
ra max.	5 mm
d5	12.5 r/min
Weight	427 Kg
Basic dynamic load rating (C)	7400 kN
Basic static load rating (C0)	12600 kN
Fatigue load limit (Pu)	870
Reference speed	270 r/min
Limiting speed	560 r/min
Calculation factor (e)	0.39

Calculation factor (Y0)	1.68
Calculation factor (Y1)	1.72
Calculation factor (Y2)	2.56