

# 24160-B-K30 FAG Calculation factor (Y1) 1.67 300x500x200mm Spherical roller bearings

Bearing number	24160-B-K30
Size (mm)	300x500x200
Brand	FAG
Bore Diameter (mm)	300
Outer Diameter (mm)	500
Width (mm)	200
d	300 mm
D	500 mm
B	200 mm
C	200 mm
n	15 mm
r min.	5 mm
D1	424.4 mm
da min.	320 mm
Da max.	480 mm
ra max.	4 mm
d5	8 r/min
Weight	158 Kg
Basic dynamic load rating (C)	3250 kN
Basic static load rating (C0)	6300 kN
Fatigue load limit (Pu)	540
Reference speed	455 r/min

Limiting speed	900 r/min
Calculation factor (e)	0.4
Calculation factor (Y0)	1.63
Calculation factor (Y1)	1.67