

241SM500-MA FAG 500x870x335mm C0r 17600000 N / Static load rating (radial) Spherical roller bearings

Bearing number	241SM500-MA
Size (mm)	500x870x335
Brand	FAG
Bore Diameter (mm)	500
Outer Diameter (mm)	870
Width (mm)	335
d	500 mm
D	870 mm
C	335 mm
B	450 mm
r_{min}	7.5 mm
m	1100 kg / Weight
C_r	8500000 N / Dynamic load rating (radial)
e	0.39
Y_1	1.73
Y_2	2.58
C_{0r}	17600000 N / Static load rating (radial)
Y_0	1.69
n_G	207 1/min / Limiting speed
C_{ur}	1280000 N / Fatigue limit load. radial

$F_{a \max}$	60000 N / Permissible axial load. for inner ring without axial abutment
M_i	1000 Nm / Tightening torque per clamping screw