

24160-E1 FAG nB 455 1/min 300x500x200mm Spherical roller bearings

Bearing number	24160-E1
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
D_1	422.8 mm
$D_{a \max}$	480 mm
d_2	338.2 mm
$d_{a \min}$	320 mm
d_s	8 mm
n_s	15 mm
$r_{a \max}$	4 mm
r_{\min}	5 mm
m	164 kg / Weight
C_r	3950000 N / Dynamic load rating (radial)
e	0.39
Y_1	1.72
Y_2	2.56

C_{0r}	6400000 N / Static load rating (radial)
Y_0	1.68
n_G	1100 1/min / Limiting speed
n_B	455 1/min
C_{ur}	485000 N / Fatigue limit load. radial