

# FBJ NUP215 cylindrical roller bearings

FBJ NUP215 cylindrical roller bearings 400 Outer Diameter (mm) Engineering Calculator 540 Bore Diameter (mm) , 540x400x65 Size (mm) Manufacturing Service . Get Your Free.

Size (mm)	540x400x65
Bore Diameter (mm)	540
Outer Diameter (mm)	400
Width (mm)	65
d	400 mm
D	540 mm
B	65 mm
d1	447 mm
D1	496 mm
a	168 mm
r1,2 – min.	4 mm
r3,4 – min.	1.5 mm
da – min.	415 mm
Da – max.	525 mm
Db – max.	533 mm
ra – max.	3 mm
rb – max.	1.5 mm
Basic dynamic load rating – C	423 kN
Basic static load rating – C0	780 kN
Fatigue load limit – Pu	15.6 kN
Reference speed	1200 r/min
Limiting speed	1300 r/min

Calculation factor – kr	0.083
Calculation factor – ka	0.4
Calculation factor – e	0.8
Calculation factor – X	0.39
Calculation factor – Y0	0.33
Calculation factor – Y2	0.76
d1 ≈	447.4 mm
D1 ≈	495.55 mm
r1,2 min.	4 mm
r3,4 min.	1.5 mm
da min.	415 mm
Da max.	525 mm
Db max.	533 mm
ra max.	3 mm
rb max.	1.5 mm
Basic dynamic load rating C	403 kN
Basic static load rating C0	735 kN
Fatigue load limit Pu	15.3 kN
Calculation factor A	4.4
Calculation factor kr	0.083
Calculation factor e	0.8
Calculation factor X	0.63
Calculation factor Y0	0.66
Calculation factor Y2	1.24
Calculation factor Y1	0.78
Mass bearing	39 kg