

# 814/500M

Cylindrical Roller Thrust Bearings (single direction, metric)



## Details:

### Main dimensions

d [mm]	500	B [mm]	82.5
D [mm]	870	d <sub>1</sub> [mm]	≈ 865
T [mm]	290	D <sub>1</sub> [mm]	≈ 505
Weight [kg]	≈ 768	r <sub>1,2</sub> [mm]	9.5



### Mating dimensions

d <sub>a,min</sub> [mm]	817
D <sub>a,max</sub> [mm]	540
r <sub>a,max</sub> [mm]	8

### Calculation data

C [kN]	9450
C <sub>0</sub> [kN]	39000
C <sub>u</sub> [kN]	2360
n <sub>th</sub> [min <sup>-1</sup> ]	118
n <sub>g</sub> [min <sup>-1</sup> ]	200