

# 814/600M

Cylindrical Roller Thrust Bearings (single direction, metric)



## Details:

### Main dimensions

|             |                |                |                |
|-------------|----------------|----------------|----------------|
| d [mm]      | 600            | B [mm]         | 97.5           |
| D [mm]      | 1030           | $d_1$ [mm]     | $\approx 1025$ |
| T [mm]      | 335            | $D_1$ [mm]     | $\approx 605$  |
| Weight [kg] | $\approx 1233$ | $r_{1,2}$ [mm] | 12             |



### Mating dimensions

|                    |     |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 962 |
| $D_{a, \max}$ [mm] | 652 |
| $r_{a, \max}$ [mm] | 10  |

### Calculation data

|                                |       |
|--------------------------------|-------|
| C [kN]                         | 12300 |
| $C_0$ [kN]                     | 53500 |
| $C_u$ [kN]                     | 3080  |
| $n_{th}$ [ $\text{min}^{-1}$ ] | 96    |
| $n_g$ [ $\text{min}^{-1}$ ]    | 160   |