

# 23996EA.M

Spherical Roller Bearings (metric)



## Details:

| Main dimensions |                 |                |                 |
|-----------------|-----------------|----------------|-----------------|
| d [mm]          | 480             | $D_1$ [mm]     | $\approx 601.5$ |
| D [mm]          | 650             | $d_s$ [mm]     | 12.5            |
| B [mm]          | 128             | $n_s$ [mm]     | 23.5            |
| Weight [kg]     | $\approx 124$   | $r_{1,2}$ [mm] | 5               |
| $d_2$ [mm]      | $\approx 535.8$ |                |                 |



| Mating dimensions  |     | Calculation data               |      |
|--------------------|-----|--------------------------------|------|
| $d_{a, \min}$ [mm] | 498 | C [kN]                         | 2640 |
| $D_{a, \max}$ [mm] | 632 | $C_0$ [kN]                     | 6000 |
| $r_{a, \max}$ [mm] | 4   | $C_u$ [kN]                     | 399  |
|                    |     | $n_{th}$ [ $\text{min}^{-1}$ ] | 566  |
|                    |     | $n_g$ [ $\text{min}^{-1}$ ]    | 1100 |
|                    |     | e                              | 0,18 |
|                    |     | $Y_1$                          | 3,76 |
|                    |     | $Y_2$                          | 5,59 |
|                    |     | $Y_0$                          | 3,67 |