

24096EA.M

Spherical Roller Bearings (metric)



Details:

| Main dimensions | | | |
|---------------------|---------|-----------------------|---------|
| d [mm] | 480 | D ₁ [mm] | ≈ 618.7 |
| D [mm] | 700 | d _s [mm] | 12.5 |
| B [mm] | 218 | n _s [mm] | 23.5 |
| Weight [kg] | ≈ 288 | r _{1,2} [mm] | 6 |
| d ₂ [mm] | ≈ 543.2 | | |



| Mating dimensions | | Calculation data | |
|-------------------------|-----|--------------------------------------|-------|
| d _{a,min} [mm] | 503 | C [kN] | 4660 |
| D _{a,max} [mm] | 677 | C ₀ [kN] | 10500 |
| r _{a,max} [mm] | 5 | C _u [kN] | 691 |
| | | n _{th} [min ⁻¹] | 397 |
| | | n _g [min ⁻¹] | 780 |
| | | e | 0,28 |
| | | Y ₁ | 2,45 |
| | | Y ₂ | 3,64 |
| | | Y ₀ | 2,39 |