

23160EA.M

Spherical Roller Bearings (metric)



Details:

| Main dimensions | | | |
|---------------------|---------|-----------------------|---------|
| d [mm] | 300 | D ₁ [mm] | ≈ 433.4 |
| D [mm] | 500 | d _s [mm] | 9.5 |
| B [mm] | 160 | n _s [mm] | 17.7 |
| Weight [kg] | ≈ 131 | r _{1,2} [mm] | 5 |
| d ₂ [mm] | ≈ 361.2 | | |



| Mating dimensions | | Calculation data | |
|-------------------------|-----|--------------------------------------|------|
| d _{a,min} [mm] | 320 | C [kN] | 2830 |
| D _{a,max} [mm] | 480 | C ₀ [kN] | 5200 |
| r _{a,max} [mm] | 4 | C _u [kN] | 376 |
| | | n _{th} [min ⁻¹] | 710 |
| | | n _g [min ⁻¹] | 1300 |
| | | e | 0,3 |
| | | Y ₁ | 2,23 |
| | | Y ₂ | 3,32 |
| | | Y ₀ | 2,18 |