

24138EA.M

Spherical Roller Bearings (metric)



Details:

| Main dimensions | | | |
|---------------------|--------|-----------------------|---------|
| d [mm] | 190 | D ₁ [mm] | ≈ 267.4 |
| D [mm] | 320 | d _s [mm] | 6.3 |
| B [mm] | 128 | n _s [mm] | 12.2 |
| Weight [kg] | ≈ 43.2 | r _{1,2} [mm] | 3 |
| d ₂ [mm] | ≈ 226 | | |



| Mating dimensions | | Calculation data | |
|-------------------------|-----|--------------------------------------|------|
| d _{a,min} [mm] | 204 | C [kN] | 1420 |
| D _{a,max} [mm] | 306 | C ₀ [kN] | 2520 |
| r _{a,max} [mm] | 2.5 | C _u [kN] | 203 |
| | | n _{th} [min ⁻¹] | 905 |
| | | n _g [min ⁻¹] | 1900 |
| | | e | 0,39 |
| | | Y ₁ | 1,75 |
| | | Y ₂ | 2,61 |
| | | Y ₀ | 1,71 |