

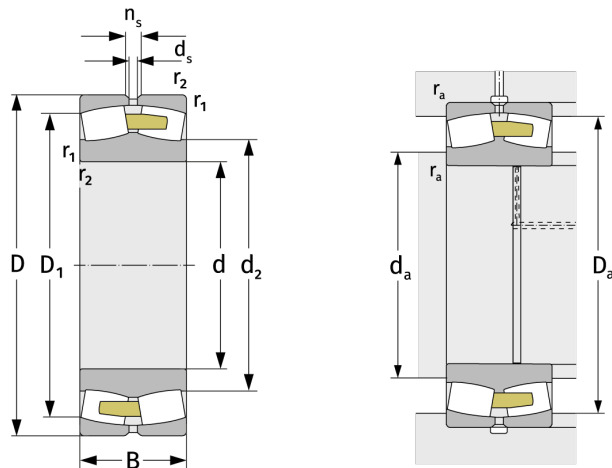
23136EA.M

Spherical Roller Bearings (metric)



Details:

| Main dimensions | | | |
|---------------------|---------|-----------------------|---------|
| d [mm] | 180 | D ₁ [mm] | ≈ 258.8 |
| D [mm] | 300 | d _s [mm] | 8 |
| B [mm] | 96 | n _s [mm] | 15 |
| Weight [kg] | ≈ 28.1 | r _{1,2} [mm] | 3 |
| d ₂ [mm] | ≈ 216.5 | | |



| Mating dimensions | | Calculation data | |
|--------------------|-----|-------------------------------|------|
| $d_{a, \min}$ [mm] | 194 | C [kN] | 1070 |
| $D_{a, \max}$ [mm] | 286 | C ₀ [kN] | 1800 |
| $r_{a, \max}$ [mm] | 2.5 | C _u [kN] | 147 |
| | | n_{th} [min ⁻¹] | 1419 |
| | | n_g [min ⁻¹] | 2200 |
| | | e | 0,3 |
| | | Y ₁ | 2,25 |
| | | Y ₂ | 3,34 |
| | | Y ₀ | 2,2 |