

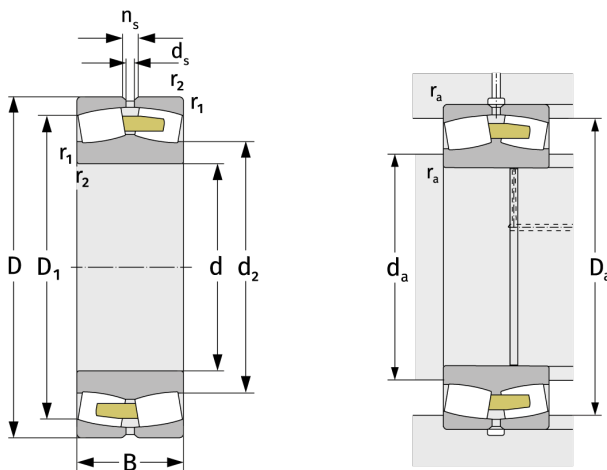
22224EA.M

Spherical Roller Bearings (metric)



Details:

| Main dimensions | | | |
|---------------------|---------|-----------------------|---------|
| d [mm] | 120 | D ₁ [mm] | ≈ 188.9 |
| D [mm] | 215 | d _s [mm] | 6.3 |
| B [mm] | 58 | n _s [mm] | 12.2 |
| Weight [kg] | ≈ 9.16 | r _{1,2} [mm] | 2.1 |
| d ₂ [mm] | ≈ 149.3 | | |



| Mating dimensions | | Calculation data | |
|-------------------------|-----|--------------------------------------|------|
| d _{a,min} [mm] | 132 | C [kN] | 535 |
| D _{a,max} [mm] | 203 | C ₀ [kN] | 735 |
| r _{a,max} [mm] | 2.1 | C _u [kN] | 65.6 |
| | | n _{th} [min ⁻¹] | 2791 |
| | | n _g [min ⁻¹] | 3800 |
| | | e | 0,26 |
| | | Y ₁ | 2,64 |
| | | Y ₂ | 3,93 |
| | | Y ₀ | 2,58 |