

23219EA.M

Spherical Roller Bearings (metric)



Details:

| Main dimensions | | | |
|---------------------|---------|-----------------------|---------|
| d [mm] | 95 | D ₁ [mm] | ≈ 145.8 |
| D [mm] | 170 | d _s [mm] | 3.2 |
| B [mm] | 55.6 | n _s [mm] | 6.5 |
| Weight [kg] | ≈ 5.52 | r _{1,2} [mm] | 2.1 |
| d ₂ [mm] | ≈ 118.6 | | |



| Mating dimensions | | Calculation data | |
|-------------------------|-----|--------------------------------------|------|
| d _{a,min} [mm] | 107 | C [kN] | 370 |
| D _{a,max} [mm] | 158 | C ₀ [kN] | 530 |
| r _{a,max} [mm] | 2.1 | C _u [kN] | 50.1 |
| | | n _{th} [min ⁻¹] | 2655 |
| | | n _g [min ⁻¹] | 4000 |
| | | e | 0,31 |
| | | Y ₁ | 2,15 |
| | | Y ₂ | 3,2 |
| | | Y ₀ | 2,1 |