

23122EA.M

Spherical Roller Bearings (metric)



Details:

| Main dimensions | | | |
|---------------------|---------|-----------------------|---------|
| d [mm] | 110 | D ₁ [mm] | ≈ 156.8 |
| D [mm] | 180 | d _s [mm] | 4.8 |
| B [mm] | 56 | n _s [mm] | 9.5 |
| Weight [kg] | ≈ 5.7 | r _{1,2} [mm] | 2 |
| d ₂ [mm] | ≈ 131.6 | | |



| Mating dimensions | | Calculation data | |
|-------------------------|-----|--------------------------------------|------|
| d _{a,min} [mm] | 121 | C [kN] | 394 |
| D _{a,max} [mm] | 169 | C ₀ [kN] | 620 |
| r _{a,max} [mm] | 2 | C _u [kN] | 57.4 |
| | | n _{th} [min ⁻¹] | 2670 |
| | | n _g [min ⁻¹] | 3700 |
| | | e | 0,29 |
| | | Y ₁ | 2,33 |
| | | Y ₂ | 3,47 |
| | | Y ₀ | 2,28 |