

22248EA.M

Spherical Roller Bearings (metric)



Details:

| Main dimensions | | | |
|---------------------|---------|-----------------------|-------|
| d [mm] | 240 | D ₁ [mm] | ≈ 383 |
| D [mm] | 440 | d _s [mm] | 12.5 |
| B [mm] | 120 | n _s [mm] | 23.5 |
| Weight [kg] | ≈ 81.4 | r _{1,2} [mm] | 4 |
| d ₂ [mm] | ≈ 306.1 | | |



| Mating dimensions | | Calculation data | |
|-------------------------|-----|--------------------------------------|------|
| d _{a,min} [mm] | 257 | C [kN] | 1950 |
| D _{a,max} [mm] | 423 | C ₀ [kN] | 3040 |
| r _{a,max} [mm] | 3 | C _u [kN] | 228 |
| | | n _{th} [min ⁻¹] | 1182 |
| | | n _g [min ⁻¹] | 1800 |
| | | e | 0,27 |
| | | Y ₁ | 2,53 |
| | | Y ₂ | 3,77 |
| | | Y ₀ | 2,47 |