

6436M

Deep Groove Ball Bearings (single row, metric)



Details:

Main dimensions

| | | | |
|-------------|----------------|----------------|-----------------|
| d [mm] | 180 | d_1 [mm] | ≈ 266.7 |
| D [mm] | 440 | D_1 [mm] | ≈ 354.7 |
| B [mm] | 95 | $r_{1,2}$ [mm] | 6 |
| Weight [kg] | ≈ 81.7 | | |



Mating dimensions

| | |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 210 |
| $D_{a, \max}$ [mm] | 410 |
| $r_{a, \max}$ [mm] | 5 |

Calculation data

| | |
|--------------------------------|------|
| C [kN] | 432 |
| C_0 [kN] | 525 |
| C_u [kN] | 14.9 |
| n_{th} [min^{-1}] | 2300 |
| n_g [min^{-1}] | 3000 |
| f_0 | 13,4 |