

238/560EA.M

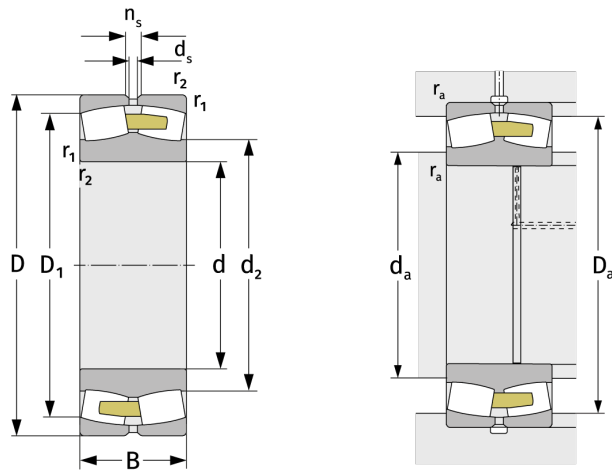
Spherical Roller Bearings (metric)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 560 | D_1 [mm] | ≈ 645.8 |
| D [mm] | 680 | d_s [mm] | 6.3 |
| B [mm] | 90 | n_s [mm] | 12.2 |
| Weight [kg] | ≈ 68.6 | $r_{1,2}$ [mm] | 3 |
| d_2 [mm] | ≈ 602.8 | | |



Mating dimensions

| | |
|--------------------|-------|
| $d_{a, \min}$ [mm] | 572 |
| $D_{a, \max}$ [mm] | 667.6 |
| $r_{a, \max}$ [mm] | 2.5 |

Calculation data

| | |
|--------------------------------|------|
| C [kN] | 1630 |
| C_0 [kN] | 4600 |
| C_u [kN] | 299 |
| n_{th} [min^{-1}] | 360 |
| n_g [min^{-1}] | 920 |
| e | 0,11 |
| Y_1 | 6,06 |
| Y_2 | 9,02 |
| Y_0 | 5,92 |