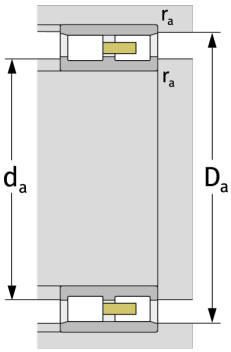
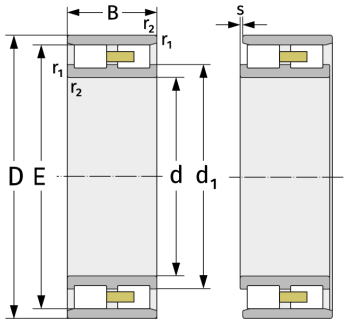
# NN3096S.M

Cylindrical Roller Bearings (double row, with cage)

## Details:

| Main dimensions | | | |
|---|---|---|---|
| d [mm] | 480 | $d_1$ [mm] | ≈ 564 |
| D [mm] | 700 | $d_s$ [mm] | 12.5 |
| B [mm] | 165 | $n_s$ [mm] | 23.5 |
| Weight [kg] | ≈ 216 | $r_{1,2}$ [mm] | 6 |
| E [mm] | 644 | s [mm] | 11 |
| E [mm] | 644 | | |




| Mating dimensions | | Calculation data | |
|---|---|---|---|
| $D_{a,\,min}$ [mm] | 648 | C [kN] | 2720 |
| $d_{a,\,min}$ [mm] | 503 | $C_0$ [kN] | 5900 |
| $D_{a,\,min}$ [mm] | 648 | $C_u$ [kN] | 483 |
| $D_{a,\,max}$ [mm] | 677 | $n_{G,Fett}$ [$min^{-1}$] | 950 |
| $r_{a,\,max}$ [mm] | 5 | $n_{G,Öl\text{-}Luft}$ [$min^{-1}$] | 1200 |