

71919MP

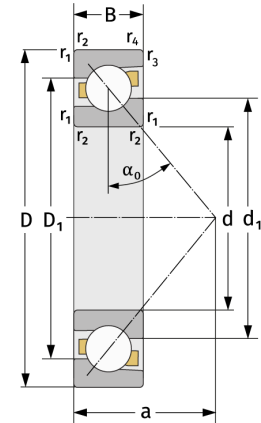
Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

| | | | |
|-------------|-----------------|----------------|-----------------|
| d [mm] | 95 | D_1 [mm] | ≈ 119.2 |
| D [mm] | 130 | $r_{1,2}$ [mm] | 1.1 |
| B [mm] | 18 | $r_{3,4}$ [mm] | 0.6 |
| Weight [kg] | ≈ 0.636 | α_0 [°] | 30 |
| d_1 [mm] | ≈ 106.8 | a [mm] | ≈ 41 |



| Mating dimensions | | Calculation data | |
|--------------------|-------|--------------------------------|------|
| $d_{a, \min}$ [mm] | 101 | C [kN] | 44 |
| $D_{a, \max}$ [mm] | 124 | C_0 [kN] | 49.2 |
| $D_{b, \max}$ [mm] | 126.8 | C_u [kN] | 2.38 |
| $r_{a, \max}$ [mm] | 1 | n_{th} [min^{-1}] | 3996 |
| $r_{b, \max}$ [mm] | 0.6 | n_g [min^{-1}] | 6100 |