

# 7020MP

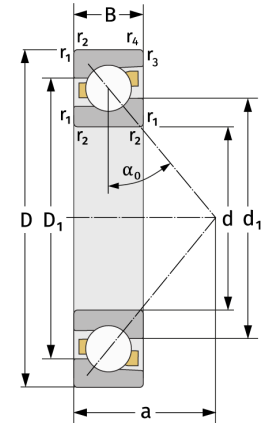
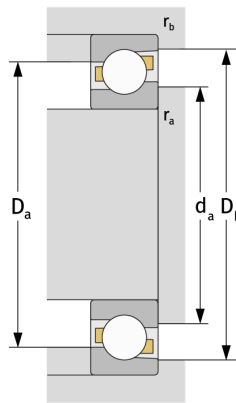
Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	100	$D_1$ [mm]	$\approx 132.2$
D [mm]	150	$r_{1,2}$ [mm]	1.5
B [mm]	24	$r_{3,4}$ [mm]	1
Weight [kg]	$\approx 1.41$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 119.3$	a [mm]	$\approx 48$



### Mating dimensions

### Calculation data

$d_{a, \min}$ [mm]	107	C [kN]	75.8
$D_{a, \max}$ [mm]	143	$C_0$ [kN]	77.3
$D_{b, \max}$ [mm]	145.4	$C_u$ [kN]	3.54
$r_{a, \max}$ [mm]	1.5	$n_{th}$ [ $\text{min}^{-1}$ ]	4042
$r_{b, \max}$ [mm]	1	$n_g$ [ $\text{min}^{-1}$ ]	5400