

# 7220B.MP

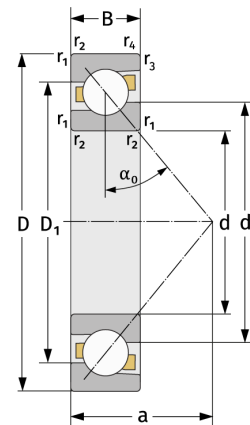
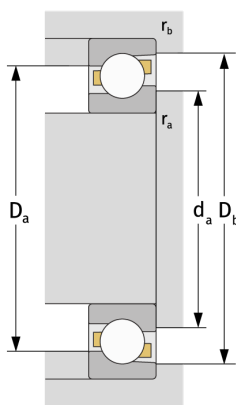
Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	100	$D_1$ [mm]	$\approx 151.5$
D [mm]	180	$r_{1,2}$ [mm]	2.1
B [mm]	34	$r_{3,4}$ [mm]	1.1
Weight [kg]	$\approx 3.69$	$\alpha_0$ [°]	40
$d_1$ [mm]	$\approx 130.9$	a [mm]	$\approx 76$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	112	C [kN]	132
$D_{a, \max}$ [mm]	168	$C_0$ [kN]	115
$D_{b, \max}$ [mm]	173	$C_u$ [kN]	4.94
$r_{a, \max}$ [mm]	2.1	$n_{th}$ [ $\text{min}^{-1}$ ]	4252
$r_{b, \max}$ [mm]	1	$n_g$ [ $\text{min}^{-1}$ ]	4800