

# 7224B.MP

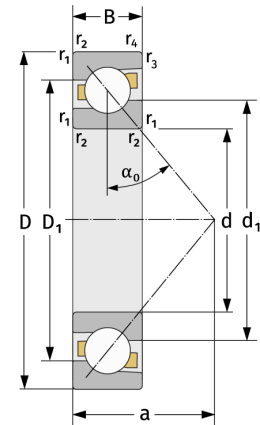
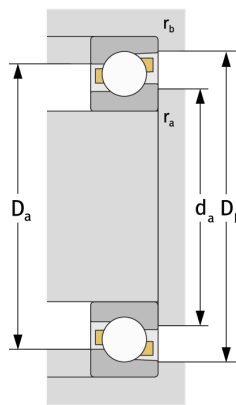
Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	120	$D_1$ [mm]	$\approx 181.2$
D [mm]	215	$r_{1,2}$ [mm]	2.1
B [mm]	40	$r_{3,4}$ [mm]	1.1
Weight [kg]	$\approx 6.17$	$\alpha_0$ [°]	40
$d_1$ [mm]	$\approx 156.7$	a [mm]	$\approx 90$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	132	C [kN]	168
$D_{a, \max}$ [mm]	203	$C_0$ [kN]	162
$D_{b, \max}$ [mm]	208	$C_u$ [kN]	6.34
$r_{a, \max}$ [mm]	2.1	$n_{th}$ [min <sup>-1</sup> ]	3729
$r_{b, \max}$ [mm]	1	$n_g$ [min <sup>-1</sup> ]	4000