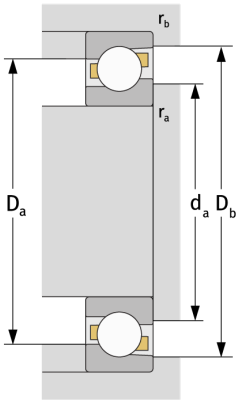
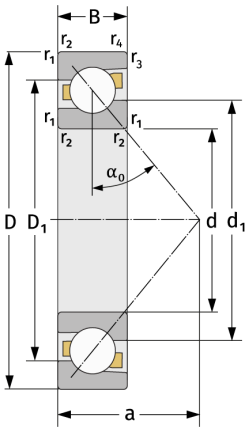
7224B.MP

Angular Contact Ball Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	120	D_1 [mm]	≈ 181.2
D [mm]	215	$r_{1,2}$ [mm]	2.1
B [mm]	40	$r_{3,4}$ [mm]	1.1
Weight [kg]	≈ 6.17	α_0 [°]	40
d_1 [mm]	≈ 156.7	a [mm]	≈ 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^{-1}]	3729
$r_{b,\,max}$ [mm]	1	n_g [min^{-1}]	4000