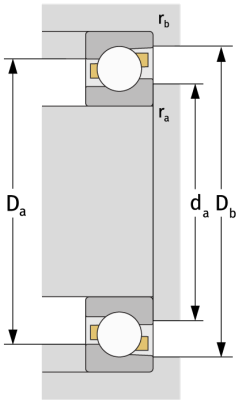
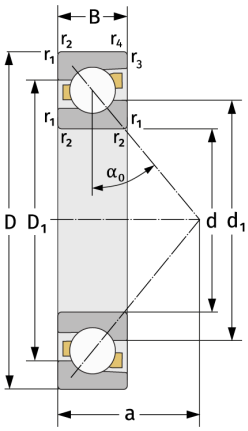
7424B.MP

Angular Contact Ball Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	120	D_1 [mm]	≈ 241.6
D [mm]	310	$r_{1,2}$ [mm]	5
B [mm]	72	$r_{3,4}$ [mm]	2
Weight [kg]	≈ 29.4	α_0 [°]	40
d_1 [mm]	≈ 194	a [mm]	≈ 126





Mating dimensions		Calculation data	
$d_{a,\,min}$ [mm]	144	C [kN]	339
$D_{a,\,max}$ [mm]	286	C_0 [kN]	364
$D_{b,\,max}$ [mm]	297	C_u [kN]	12.5
$r_{a,\,max}$ [mm]	4	n_{th} [min^{-1}]	2287
$r_{b,\,max}$ [mm]	2	n_g [min^{-1}]	3100