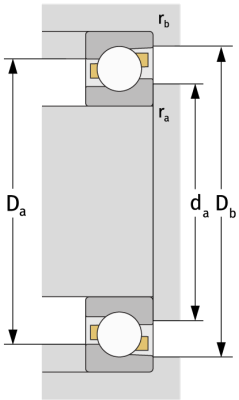
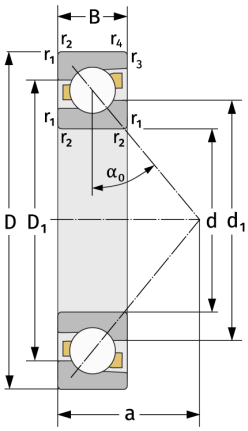
7421B.MP

Angular Contact Ball Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	105	D_1 [mm]	≈ 205.5
D [mm]	260	$r_{1,2}$ [mm]	4
B [mm]	60	$r_{3,4}$ [mm]	1.5
Weight [kg]	≈ 16.9	α_0 [°]	40
d_1 [mm]	≈ 164.4	a [mm]	≈ 107





Mating dimensions		Calculation data	
$d_{a,\,min}$ [mm]	125	C [kN]	276
$D_{a,\,max}$ [mm]	240	C_0 [kN]	271
$D_{b,\,max}$ [mm]	249	C_u [kN]	10.2
$r_{a,\,max}$ [mm]	3	n_{th} [min^{-1}]	2719
$r_{b,\,max}$ [mm]	1.5	n_g [min^{-1}]	3700