

7422B.MP

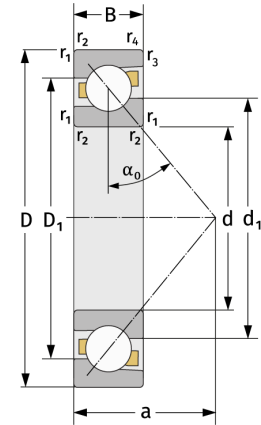
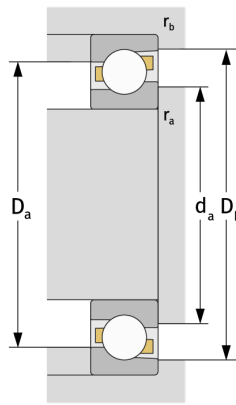
Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	110	D_1 [mm]	≈ 219.4
D [mm]	280	$r_{1,2}$ [mm]	4
B [mm]	65	$r_{3,4}$ [mm]	1.5
Weight [kg]	≈ 21.5	α_0 [°]	40
d_1 [mm]	≈ 175.7	a [mm]	≈ 114



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	130	C [kN]	301
$D_{a, \max}$ [mm]	260	C_0 [kN]	306
$D_{b, \max}$ [mm]	269	C_u [kN]	11.1
$r_{a, \max}$ [mm]	3	n_{th} [min ⁻¹]	2541
$r_{b, \max}$ [mm]	1.5	n_g [min ⁻¹]	3400