

7417B.MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	85	D_1 [mm]	≈ 165.5
D [mm]	210	$r_{1,2}$ [mm]	4
B [mm]	52	$r_{3,4}$ [mm]	1.5
Weight [kg]	≈ 9.31	α_0 [°]	40
d_1 [mm]	≈ 133.3	a [mm]	≈ 88



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	105	C [kN]	196
$D_{a, \max}$ [mm]	190	C_0 [kN]	167
$D_{b, \max}$ [mm]	199	C_u [kN]	7.02
$r_{a, \max}$ [mm]	3	n_{th} [min ⁻¹]	3568
$r_{b, \max}$ [mm]	1.5	n_g [min ⁻¹]	4600