

7221B.MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	105	D_1 [mm]	≈ 159.7
D [mm]	190	$r_{1,2}$ [mm]	2.1
B [mm]	36	$r_{3,4}$ [mm]	1.1
Weight [kg]	≈ 4.38	α_0 [°]	40
d_1 [mm]	≈ 137.9	a [mm]	≈ 80



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	117	C [kN]	144
$D_{a, \max}$ [mm]	178	C_0 [kN]	129
$D_{b, \max}$ [mm]	183	C_u [kN]	5.41
$r_{a, \max}$ [mm]	2.1	n_{th} [min^{-1}]	4104
$r_{b, \max}$ [mm]	1	n_g [min^{-1}]	4600