

71916MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	80	D_1 [mm]	≈ 100.7
D [mm]	110	$r_{1,2}$ [mm]	1
B [mm]	16	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.404	α_0 [°]	30
d_1 [mm]	≈ 90.1	a [mm]	≈ 35



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	84.6	C [kN]	32.7
$D_{a, \max}$ [mm]	105.4	C_0 [kN]	34.9
$D_{b, \max}$ [mm]	106.8	C_u [kN]	1.43
$r_{a, \max}$ [mm]	1	n_{th} [min ⁻¹]	4623
$r_{b, \max}$ [mm]	0.6	n_g [min ⁻¹]	7200