

71817MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	85	D_1 [mm]	≈ 101.8
D [mm]	110	$r_{1,2}$ [mm]	1
B [mm]	13	$r_{3,4}$ [mm]	0.3
Weight [kg]	≈ 0.281	α_0 [°]	30
d_1 [mm]	≈ 93.8	a [mm]	≈ 35



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	89.6	C [kN]	19.1
$D_{a, \max}$ [mm]	105.4	C_0 [kN]	21.2
$D_{b, \max}$ [mm]	108	C_u [kN]	0.87
$r_{a, \max}$ [mm]	1	n_{th} [min^{-1}]	4159
$r_{b, \max}$ [mm]	0.3	n_g [min^{-1}]	7000