

70817MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	85	D_1 [mm]	≈ 101.3
D [mm]	110	$r_{1,2}$ [mm]	0.3
B [mm]	9	$r_{3,4}$ [mm]	0.15
Weight [kg]	≈ 0.213	α_0 [°]	30
d_1 [mm]	≈ 94.2	a [mm]	≈ 33



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	87	C [kN]	15.9
$D_{a, \max}$ [mm]	108	C_0 [kN]	18.3
$D_{b, \max}$ [mm]	109.2	C_u [kN]	0.75
$r_{a, \max}$ [mm]	0.3	n_{th} [min^{-1}]	3336
$r_{b, \max}$ [mm]	0.15	n_g [min^{-1}]	7000