

70917MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	85	D_1 [mm]	≈ 107.3
D [mm]	120	$r_{1,2}$ [mm]	0.6
B [mm]	11	$r_{3,4}$ [mm]	0.3
Weight [kg]	≈ 0.401	α_0 [°]	30
d_1 [mm]	≈ 98.4	a [mm]	≈ 35



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	88.2	C [kN]	25
$D_{a, \max}$ [mm]	116.8	C_0 [kN]	28.9
$D_{b, \max}$ [mm]	118	C_u [kN]	1.47
$r_{a, \max}$ [mm]	0.6	n_{th} [min ⁻¹]	3427
$r_{b, \max}$ [mm]	0.3	n_g [min ⁻¹]	6700