

70/710MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	710	D_1 [mm]	≈ 913.1
D [mm]	1030	$r_{1,2}$ [mm]	7.5
B [mm]	140	$r_{3,4}$ [mm]	4
Weight [kg]	≈ 376	α_0 [°]	30
d_1 [mm]	≈ 836	a [mm]	≈ 321



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	738	C [kN]	1180
$D_{a, \max}$ [mm]	1002	C_0 [kN]	3230
$D_{b, \max}$ [mm]	1015.4	C_u [kN]	53.5
$r_{a, \max}$ [mm]	6	n_{th} [min ⁻¹]	472
$r_{b, \max}$ [mm]	3	n_g [min ⁻¹]	600