

709/530MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	530	D_1 [mm]	≈ 647.7
D [mm]	710	$r_{1,2}$ [mm]	4
B [mm]	57	$r_{3,4}$ [mm]	1.5
Weight [kg]	≈ 65.2	α_0 [°]	30
d_1 [mm]	≈ 596.3	a [mm]	≈ 207



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	544.6	C [kN]	497
$D_{a, \max}$ [mm]	695.4	C_0 [kN]	1090
$D_{b, \max}$ [mm]	703	C_u [kN]	21.5
$r_{a, \max}$ [mm]	3	n_{th} [min ⁻¹]	639
$r_{b, \max}$ [mm]	1.5	n_g [min ⁻¹]	920