

70/530MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	530	D_1 [mm]	≈ 689.5
D [mm]	780	$r_{1,2}$ [mm]	6
B [mm]	112	$r_{3,4}$ [mm]	3
Weight [kg]	≈ 176	α_0 [°]	30
d_1 [mm]	≈ 627.8	a [mm]	≈ 245



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	553	C [kN]	855
$D_{a, \max}$ [mm]	757	C_0 [kN]	1970
$D_{b, \max}$ [mm]	767.6	C_u [kN]	37.8
$r_{a, \max}$ [mm]	5	n_{th} [min ⁻¹]	681
$r_{b, \max}$ [mm]	2.5	n_g [min ⁻¹]	860