

719/500MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	500	D_1 [mm]	≈ 617.4
D [mm]	670	$r_{1,2}$ [mm]	5
B [mm]	78	$r_{3,4}$ [mm]	2
Weight [kg]	≈ 71.7	α_0 [°]	30
d_1 [mm]	≈ 557.3	a [mm]	≈ 208



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	518	C [kN]	565
$D_{a, \max}$ [mm]	652	C_0 [kN]	1200
$D_{b, \max}$ [mm]	661.2	C_u [kN]	24.3
$r_{a, \max}$ [mm]	4	n_{th} [min ⁻¹]	767
$r_{b, \max}$ [mm]	2	n_g [min ⁻¹]	990