

70/670MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	670	D_1 [mm]	≈ 868.1
D [mm]	980	$r_{1,2}$ [mm]	7.5
B [mm]	136	$r_{3,4}$ [mm]	4
Weight [kg]	≈ 335	α_0 [°]	30
d_1 [mm]	≈ 791	a [mm]	≈ 306



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	698	C [kN]	1170
$D_{a, \max}$ [mm]	952	C_0 [kN]	3080
$D_{b, \max}$ [mm]	965.4	C_u [kN]	52.4
$r_{a, \max}$ [mm]	6	n_{th} [min ⁻¹]	499
$r_{b, \max}$ [mm]	3	n_g [min ⁻¹]	640