

# 709/670MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	670	$D_1$ [mm]	$\approx 819.3$
D [mm]	900	$r_{1,2}$ [mm]	5
B [mm]	73	$r_{3,4}$ [mm]	2
Weight [kg]	$\approx 135$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 755.6$	a [mm]	$\approx 263$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	688	C [kN]	680
$D_{a, \max}$ [mm]	882	$C_0$ [kN]	1720
$D_{b, \max}$ [mm]	891.2	$C_u$ [kN]	30
$r_{a, \max}$ [mm]	4	$n_{th}$ [min <sup>-1</sup> ]	483
$r_{b, \max}$ [mm]	2	$n_g$ [min <sup>-1</sup> ]	690