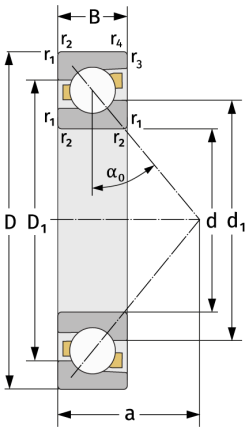
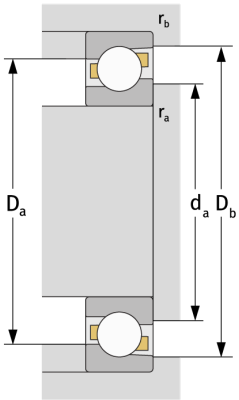
709/500MP

Angular Contact Ball Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	500	D_1 [mm]	≈ 609.8
D [mm]	670	$r_{1,2}$ [mm]	4
B [mm]	54	$r_{3,4}$ [mm]	1.5
Weight [kg]	≈ 54.9	α_0 [°]	30
d_1 [mm]	≈ 563.8	a [mm]	≈ 196





Mating dimensions		Calculation data	
$d_{a,\,min}$ [mm]	514.6	C [kN]	435
$D_{a,\,max}$ [mm]	655.4	C_0 [kN]	920
$D_{b,\,max}$ [mm]	663	C_u [kN]	18.7
$r_{a,\,max}$ [mm]	3	n_{th} [min^{-1}]	697
$r_{b,\,max}$ [mm]	1.5	n_g [min^{-1}]	990