

# 719/1000MP

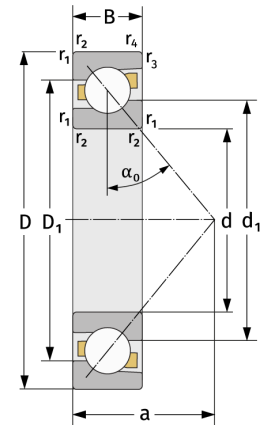
Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	1000	$D_1$ [mm]	≈ 1221
D [mm]	1320	$r_{1,2}$ [mm]	7.5
B [mm]	140	$r_{3,4}$ [mm]	4
Weight [kg]	≈ 488	$\alpha_0$ [°]	30
$d_1$ [mm]	≈ 1107.8	a [mm]	≈ 405



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	1028	C [kN]	1410
$D_{a, \max}$ [mm]	1292	$C_0$ [kN]	4500
$D_{b, \max}$ [mm]	1305.4	$C_u$ [kN]	64
$r_{a, \max}$ [mm]	6	$n_{th}$ [min <sup>-1</sup> ]	312
$r_{b, \max}$ [mm]	3	$n_g$ [min <sup>-1</sup> ]	400