

# 73/500B.MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	500	$D_1$ [mm]	$\approx 828.4$
D [mm]	1030	$r_{1,2}$ [mm]	12
B [mm]	170	$r_{3,4}$ [mm]	6
Weight [kg]	$\approx 714$	$\alpha_0$ [°]	40
$d_1$ [mm]	$\approx 715$	a [mm]	$\approx 406$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	548	C [kN]	1450
$D_{a, \max}$ [mm]	982	$C_0$ [kN]	3470
$D_{b, \max}$ [mm]	1004	$C_u$ [kN]	61.4
$r_{a, \max}$ [mm]	10	$n_{th}$ [min <sup>-1</sup> ]	497
$r_{b, \max}$ [mm]	5	$n_g$ [min <sup>-1</sup> ]	710