

# 7240B.MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	200	$D_1$ [mm]	$\approx 301.6$
D [mm]	360	$r_{1,2}$ [mm]	4
B [mm]	58	$r_{3,4}$ [mm]	1.5
Weight [kg]	$\approx 26.2$	$\alpha_0$ [°]	40
$d_1$ [mm]	$\approx 263$	a [mm]	$\approx 146$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	217	C [kN]	328
$D_{a, \max}$ [mm]	343	$C_0$ [kN]	434
$D_{b, \max}$ [mm]	351	$C_u$ [kN]	13
$r_{a, \max}$ [mm]	3	$n_{th}$ [ $\text{min}^{-1}$ ]	2008
$r_{b, \max}$ [mm]	1.5	$n_g$ [ $\text{min}^{-1}$ ]	2300