

# 71840MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	200	$D_1$ [mm]	$\approx 234.1$
D [mm]	250	$r_{1,2}$ [mm]	1.5
B [mm]	24	$r_{3,4}$ [mm]	1
Weight [kg]	$\approx 2.47$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 217.3$	a [mm]	$\approx 77$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	207	C [kN]	86.4
$D_{a, \max}$ [mm]	243	$C_0$ [kN]	125
$D_{b, \max}$ [mm]	245.4	$C_u$ [kN]	4.21
$r_{a, \max}$ [mm]	1.5	$n_{th}$ [min <sup>-1</sup> ]	2071
$r_{b, \max}$ [mm]	1	$n_g$ [min <sup>-1</sup> ]	3000