

# 71940MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	200	$D_1$ [mm]	$\approx 255.3$
D [mm]	280	$r_{1,2}$ [mm]	2.1
B [mm]	38	$r_{3,4}$ [mm]	1.1
Weight [kg]	$\approx 6.69$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 227$	a [mm]	$\approx 88$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	210.2	C [kN]	189
$D_{a, \max}$ [mm]	269.8	$C_0$ [kN]	240
$D_{b, \max}$ [mm]	274	$C_u$ [kN]	7.81
$r_{a, \max}$ [mm]	2.1	$n_{th}$ [min <sup>-1</sup> ]	2282
$r_{b, \max}$ [mm]	1	$n_g$ [min <sup>-1</sup> ]	2800