

# 71836MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	180	$D_1$ [mm]	$\approx 210.6$
D [mm]	225	$r_{1,2}$ [mm]	1.1
B [mm]	22	$r_{3,4}$ [mm]	0.6
Weight [kg]	$\approx 1.82$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 195.6$	a [mm]	$\approx 69$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	186	C [kN]	69.4
$D_{a, \max}$ [mm]	219	$C_0$ [kN]	97.6
$D_{b, \max}$ [mm]	221.8	$C_u$ [kN]	3.47
$r_{a, \max}$ [mm]	1	$n_{th}$ [ $\text{min}^{-1}$ ]	2259
$r_{b, \max}$ [mm]	0.6	$n_g$ [ $\text{min}^{-1}$ ]	3300