

# 70916MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	80	$D_1$ [mm]	$\approx 99.1$
D [mm]	110	$r_{1,2}$ [mm]	0.6
B [mm]	10	$r_{3,4}$ [mm]	0.3
Weight [kg]	$\approx 0.286$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 91.5$	a [mm]	$\approx 32$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	83.2	C [kN]	18.9
$D_{a, \max}$ [mm]	106.8	$C_0$ [kN]	22
$D_{b, \max}$ [mm]	108	$C_u$ [kN]	0.9
$r_{a, \max}$ [mm]	0.6	$n_{th}$ [min <sup>-1</sup> ]	3604
$r_{b, \max}$ [mm]	0.3	$n_g$ [min <sup>-1</sup> ]	7200