

# 71917MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	85	$D_1$ [mm]	$\approx 109.2$
D [mm]	120	$r_{1,2}$ [mm]	1.1
B [mm]	18	$r_{3,4}$ [mm]	0.6
Weight [kg]	$\approx 0.578$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 96.8$	a [mm]	$\approx 39$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	91	C [kN]	41.8
$D_{a, \max}$ [mm]	114	$C_0$ [kN]	44
$D_{b, \max}$ [mm]	116.8	$C_u$ [kN]	2.24
$r_{a, \max}$ [mm]	1	$n_{th}$ [ $\text{min}^{-1}$ ]	4468
$r_{b, \max}$ [mm]	0.6	$n_g$ [ $\text{min}^{-1}$ ]	6700