

# 7021MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	105	$D_1$ [mm]	$\approx 140.4$
D [mm]	160	$r_{1,2}$ [mm]	2
B [mm]	26	$r_{3,4}$ [mm]	1
Weight [kg]	$\approx 1.79$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 126.3$	a [mm]	$\approx 51$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	113.8	C [kN]	88
$D_{a, \max}$ [mm]	151.2	$C_0$ [kN]	88.7
$D_{b, \max}$ [mm]	155.4	$C_u$ [kN]	3.94
$r_{a, \max}$ [mm]	2	$n_{th}$ [ $\text{min}^{-1}$ ]	3928
$r_{b, \max}$ [mm]	1	$n_g$ [ $\text{min}^{-1}$ ]	5100