

# 71921MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	105	$D_1$ [mm]	$\approx 132.6$
D [mm]	145	$r_{1,2}$ [mm]	1.1
B [mm]	20	$r_{3,4}$ [mm]	0.6
Weight [kg]	$\approx 0.903$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 118.5$	a [mm]	$\approx 46$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	111	C [kN]	55
$D_{a, \max}$ [mm]	139	$C_0$ [kN]	62.1
$D_{b, \max}$ [mm]	141.8	$C_u$ [kN]	2.85
$r_{a, \max}$ [mm]	1	$n_{th}$ [ $\text{min}^{-1}$ ]	3714
$r_{b, \max}$ [mm]	0.6	$n_g$ [ $\text{min}^{-1}$ ]	5400