

# 7048MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	240	$D_1$ [mm]	$\approx 316.5$
D [mm]	360	$r_{1,2}$ [mm]	3
B [mm]	56	$r_{3,4}$ [mm]	1.1
Weight [kg]	$\approx 19.2$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 287$	a [mm]	$\approx 115$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	252.4	C [kN]	300
$D_{a, \max}$ [mm]	347.6	$C_0$ [kN]	430
$D_{b, \max}$ [mm]	354	$C_u$ [kN]	12.5
$r_{a, \max}$ [mm]	2.5	$n_{th}$ [ $\text{min}^{-1}$ ]	1834
$r_{b, \max}$ [mm]	1	$n_g$ [ $\text{min}^{-1}$ ]	2200