

# 70996MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	480	$D_1$ [mm]	$\approx 589.8$
D [mm]	650	$r_{1,2}$ [mm]	4
B [mm]	54	$r_{3,4}$ [mm]	1.5
Weight [kg]	$\approx 52.9$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 543.8$	a [mm]	$\approx 190$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	494.6	C [kN]	424
$D_{a, \max}$ [mm]	635.4	$C_0$ [kN]	875
$D_{b, \max}$ [mm]	643	$C_u$ [kN]	18.1
$r_{a, \max}$ [mm]	3	$n_{th}$ [min <sup>-1</sup> ]	735
$r_{b, \max}$ [mm]	1.5	$n_g$ [min <sup>-1</sup> ]	1100