

70980MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	400	D_1 [mm]	≈ 490
D [mm]	540	$r_{1,2}$ [mm]	3
B [mm]	44	$r_{3,4}$ [mm]	1.1
Weight [kg]	≈ 29.7	α_0 [°]	30
d_1 [mm]	≈ 452.9	a [mm]	≈ 158



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	412.4	C [kN]	323
$D_{a, \max}$ [mm]	527.6	C_0 [kN]	600
$D_{b, \max}$ [mm]	534	C_u [kN]	13.7
$r_{a, \max}$ [mm]	2.5	n_{th} [min ⁻¹]	907
$r_{b, \max}$ [mm]	1	n_g [min ⁻¹]	1300