

70940MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	200	D_1 [mm]	≈ 250.5
D [mm]	280	$r_{1,2}$ [mm]	1.5
B [mm]	25	$r_{3,4}$ [mm]	1
Weight [kg]	≈ 4.92	α_0 [°]	30
d_1 [mm]	≈ 231	a [mm]	≈ 82



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	207	C [kN]	112
$D_{a, \max}$ [mm]	273	C_0 [kN]	161
$D_{b, \max}$ [mm]	275.4	C_u [kN]	5.22
$r_{a, \max}$ [mm]	1.5	n_{th} [min^{-1}]	1917
$r_{b, \max}$ [mm]	1	n_g [min^{-1}]	2800