

70944MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	220	D_1 [mm]	≈ 270.5
D [mm]	300	$r_{1,2}$ [mm]	1.5
B [mm]	25	$r_{3,4}$ [mm]	1
Weight [kg]	≈ 5.33	α_0 [°]	30
d_1 [mm]	≈ 251	a [mm]	≈ 88



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	227	C [kN]	115
$D_{a, \max}$ [mm]	293	C_0 [kN]	172
$D_{b, \max}$ [mm]	295.4	C_u [kN]	5.36
$r_{a, \max}$ [mm]	1.5	n_{th} [min ⁻¹]	1749
$r_{b, \max}$ [mm]	1	n_g [min ⁻¹]	2500