

7018MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	90	D_1 [mm]	≈ 122.2
D [mm]	140	$r_{1,2}$ [mm]	1.5
B [mm]	24	$r_{3,4}$ [mm]	1
Weight [kg]	≈ 1.3	α_0 [°]	30
d_1 [mm]	≈ 109.3	a [mm]	≈ 45



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	97	C [kN]	72.5
$D_{a, \max}$ [mm]	133	C_0 [kN]	69.3
$D_{b, \max}$ [mm]	135.4	C_u [kN]	3.32
$r_{a, \max}$ [mm]	1.5	n_{th} [min^{-1}]	4475
$r_{b, \max}$ [mm]	1	n_g [min^{-1}]	5900