

71918MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	90	D_1 [mm]	≈ 114.2
D [mm]	125	$r_{1,2}$ [mm]	1.1
B [mm]	18	$r_{3,4}$ [mm]	0.6
Weight [kg]	≈ 0.605	α_0 [°]	30
d_1 [mm]	≈ 101.8	a [mm]	≈ 40



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	96	C [kN]	42.4
$D_{a, \max}$ [mm]	119	C_0 [kN]	45.9
$D_{b, \max}$ [mm]	121.8	C_u [kN]	2.28
$r_{a, \max}$ [mm]	1	n_{th} [min^{-1}]	4230
$r_{b, \max}$ [mm]	0.6	n_g [min^{-1}]	6400