

7428B.MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	140	D_1 [mm]	≈ 280.2
D [mm]	360	$r_{1,2}$ [mm]	5
B [mm]	82	$r_{3,4}$ [mm]	2
Weight [kg]	≈ 45	α_0 [°]	40
d_1 [mm]	≈ 226.2	a [mm]	≈ 146



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	164	C [kN]	404
$D_{a, \max}$ [mm]	336	C_0 [kN]	473
$D_{b, \max}$ [mm]	347	C_u [kN]	15.1
$r_{a, \max}$ [mm]	4	n_{th} [min^{-1}]	1921
$r_{b, \max}$ [mm]	2	n_g [min^{-1}]	2600