

70/630MP

Angular Contact Ball Bearings (single row, metric)



Details:

Main dimensions

d [mm]	630	D_1 [mm]	≈ 815.3
D [mm]	920	$r_{1,2}$ [mm]	7.5
B [mm]	128	$r_{3,4}$ [mm]	4
Weight [kg]	≈ 277	α_0 [°]	30
d_1 [mm]	≈ 743.3	a [mm]	≈ 288



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	658	C [kN]	1060
$D_{a, \max}$ [mm]	892	C_0 [kN]	2690
$D_{b, \max}$ [mm]	905.4	C_u [kN]	47.2
$r_{a, \max}$ [mm]	6	n_{th} [min ⁻¹]	545
$r_{b, \max}$ [mm]	3	n_g [min ⁻¹]	700