

# 718/900MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	900	$D_1$ [mm]	≈
D [mm]	1090		1031.2
B [mm]	85	$r_{1,2}$ [mm]	5
Weight [kg]	≈ 150	$r_{3,4}$ [mm]	2
$d_1$ [mm]	≈ 964	$\alpha_0$ [°]	30
		a [mm]	≈ 330



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	918	C [kN]	780
$D_{a, \max}$ [mm]	1072	$C_0$ [kN]	2240
$D_{b, \max}$ [mm]	1081.2	$C_u$ [kN]	34.5
$r_{a, \max}$ [mm]	4	$n_{th}$ [ $\text{min}^{-1}$ ]	372
$r_{b, \max}$ [mm]	2	$n_g$ [ $\text{min}^{-1}$ ]	500