

# 718/950MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	950	$D_1$ [mm]	≈
D [mm]	1150		1088.1
B [mm]	90	$r_{1,2}$ [mm]	5
Weight [kg]	≈ 176	$r_{3,4}$ [mm]	2
$d_1$ [mm]	≈	$\alpha_0$ [°]	30
	1017.4	a [mm]	≈ 348



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	968	C [kN]	835
$D_{a, \max}$ [mm]	1132	$C_0$ [kN]	2470
$D_{b, \max}$ [mm]	1141.2	$C_u$ [kN]	37
$r_{a, \max}$ [mm]	4	$n_{th}$ [min <sup>-1</sup> ]	349
$r_{b, \max}$ [mm]	2	$n_g$ [min <sup>-1</sup> ]	460