

# 70/800MP

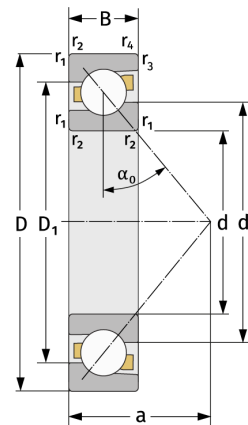
Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	800	$D_1$ [mm]	≈
D [mm]	1150		1023.9
B [mm]	155	$r_{1,2}$ [mm]	7.5
Weight [kg]	≈ 508	$r_{3,4}$ [mm]	4
$d_1$ [mm]	≈ 936.4	$\alpha_0$ [°]	30
		a [mm]	≈ 359



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	828	C [kN]	1410
$D_{a, \max}$ [mm]	1122	$C_0$ [kN]	4140
$D_{b, \max}$ [mm]	1135.4	$C_u$ [kN]	64.6
$r_{a, \max}$ [mm]	6	$n_{th}$ [ $\text{min}^{-1}$ ]	400
$r_{b, \max}$ [mm]	3	$n_g$ [ $\text{min}^{-1}$ ]	510