

# 70830MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	150	$D_1$ [mm]	$\approx 175.3$
D [mm]	190	$r_{1,2}$ [mm]	0.6
B [mm]	13	$r_{3,4}$ [mm]	0.3
Weight [kg]	$\approx 0.891$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 165.5$	a [mm]	$\approx 56$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	153.2	C [kN]	33.2
$D_{a, \max}$ [mm]	186.8	$C_0$ [kN]	48.4
$D_{b, \max}$ [mm]	188	$C_u$ [kN]	1.89
$r_{a, \max}$ [mm]	0.6	$n_{th}$ [min <sup>-1</sup> ]	2102
$r_{b, \max}$ [mm]	0.3	$n_g$ [min <sup>-1</sup> ]	4000