

# 70828MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	140	$D_1$ [mm]	$\approx 162.3$
D [mm]	175	$r_{1,2}$ [mm]	0.6
B [mm]	11	$r_{3,4}$ [mm]	0.3
Weight [kg]	$\approx 0.614$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 153.4$	a [mm]	$\approx 51$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	143.2	C [kN]	28.2
$D_{a, \max}$ [mm]	171.8	$C_0$ [kN]	40.8
$D_{b, \max}$ [mm]	173	$C_u$ [kN]	1.66
$r_{a, \max}$ [mm]	0.6	$n_{th}$ [ $\text{min}^{-1}$ ]	2086
$r_{b, \max}$ [mm]	0.3	$n_g$ [ $\text{min}^{-1}$ ]	4300