

# 71844MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	220	$D_1$ [mm]	$\approx 254.1$
D [mm]	270	$r_{1,2}$ [mm]	1.5
B [mm]	24	$r_{3,4}$ [mm]	1
Weight [kg]	$\approx 2.69$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 237.3$	a [mm]	$\approx 83$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	227	C [kN]	89.7
$D_{a, \max}$ [mm]	263	$C_0$ [kN]	137
$D_{b, \max}$ [mm]	265.4	$C_u$ [kN]	4.4
$r_{a, \max}$ [mm]	1.5	$n_{th}$ [ $\text{min}^{-1}$ ]	1874
$r_{b, \max}$ [mm]	1	$n_g$ [ $\text{min}^{-1}$ ]	2700