

# 70972MP

Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	360	$D_1$ [mm]	$\approx 436.2$
D [mm]	480	$r_{1,2}$ [mm]	2.1
B [mm]	37	$r_{3,4}$ [mm]	1
Weight [kg]	$\approx 19.2$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 406.1$	a [mm]	$\approx 140$



### Mating dimensions

$d_{a, \min}$ [mm]	370.2
$D_{a, \max}$ [mm]	469.8
$D_{b, \max}$ [mm]	475.4
$r_{a, \max}$ [mm]	2.1
$r_{b, \max}$ [mm]	1

### Calculation data

C [kN]	249
$C_0$ [kN]	429
$C_u$ [kN]	10.4
$n_{th}$ [min <sup>-1</sup> ]	1031
$n_g$ [min <sup>-1</sup> ]	1500