

# 7036MP

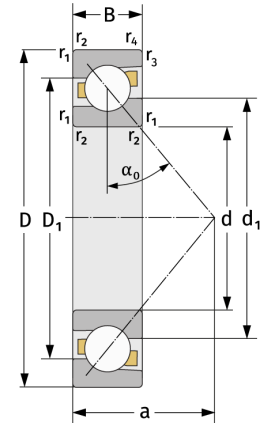
Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	180	$D_1$ [mm]	$\approx 243.7$
D [mm]	280	$r_{1,2}$ [mm]	2.1
B [mm]	46	$r_{3,4}$ [mm]	1.1
Weight [kg]	$\approx 10.1$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 219.2$	a [mm]	$\approx 89$



### Mating dimensions

$d_{a, \min}$ [mm]	190.2
$D_{a, \max}$ [mm]	269.8
$D_{b, \max}$ [mm]	274
$r_{a, \max}$ [mm]	2.1
$r_{b, \max}$ [mm]	1

### Calculation data

C [kN]	220
$C_0$ [kN]	265
$C_u$ [kN]	8.81
$n_{th}$ [min <sup>-1</sup> ]	2559
$n_g$ [min <sup>-1</sup> ]	2900