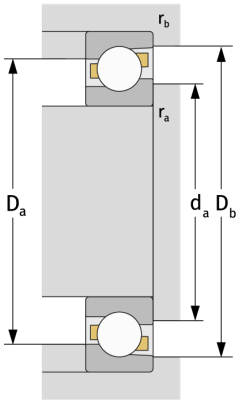
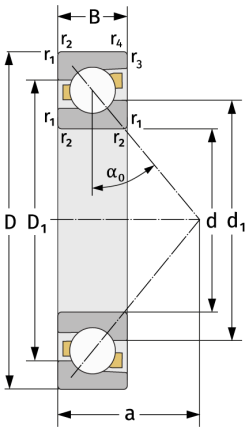
7036MP

Angular Contact Ball Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	180	D_1 [mm]	≈ 243.7
D [mm]	280	$r_{1,2}$ [mm]	2.1
B [mm]	46	$r_{3,4}$ [mm]	1.1
Weight [kg]	≈ 10.1	α_0 [°]	30
d_1 [mm]	≈ 219.2	a [mm]	≈ 89





Mating dimensions		Calculation data	
$d_{a,\,min}$ [mm]	190.2	C [kN]	220
$D_{a,\,max}$ [mm]	269.8	C_0 [kN]	265
$D_{b,\,max}$ [mm]	274	C_u [kN]	8.81
$r_{a,\,max}$ [mm]	2.1	n_{th} [min^{-1}]	2559
$r_{b,\,max}$ [mm]	1	n_g [min^{-1}]	2900