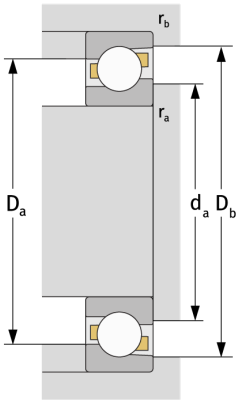
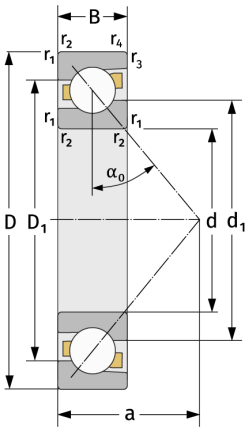
70816MP

Angular Contact Ball Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	80	D_1 [mm]	≈ 93.3
D [mm]	100	$r_{1,2}$ [mm]	0.3
B [mm]	8	$r_{3,4}$ [mm]	0.15
Weight [kg]	≈ 0.136	α_0 [°]	30
d_1 [mm]	≈ 87.1	a [mm]	≈ 30





Mating dimensions		Calculation data	
$d_{a,\,min}$ [mm]	82	C [kN]	13.1
$D_{a,\,max}$ [mm]	98	C_0 [kN]	15.2
$D_{b,\,max}$ [mm]	99.2	C_u [kN]	0.62
$r_{a,\,max}$ [mm]	0.3	n_{th} [min^{-1}]	3434
$r_{b,\,max}$ [mm]	0.15	n_g [min^{-1}]	7600