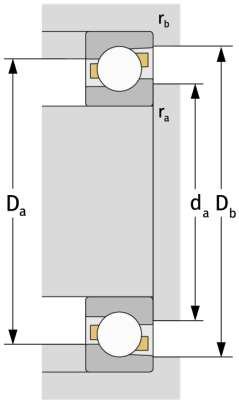
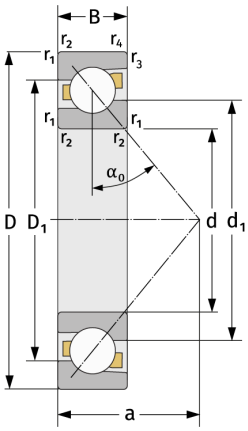
70916MP

Angular Contact Ball Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	80	D_1 [mm]	≈ 99.1
D [mm]	110	$r_{1,2}$ [mm]	0.6
B [mm]	10	$r_{3,4}$ [mm]	0.3
Weight [kg]	≈ 0.286	α_0 [°]	30
d_1 [mm]	≈ 91.5	a [mm]	≈ 32





Mating dimensions		Calculation data	
$d_{a,\,min}$ [mm]	83.2	C [kN]	18.9
$D_{a,\,max}$ [mm]	106.8	C_0 [kN]	22
$D_{b,\,max}$ [mm]	108	C_u [kN]	0.9
$r_{a,\,max}$ [mm]	0.6	n_{th} [min^{-1}]	3604
$r_{b,\,max}$ [mm]	0.3	n_g [min^{-1}]	7200