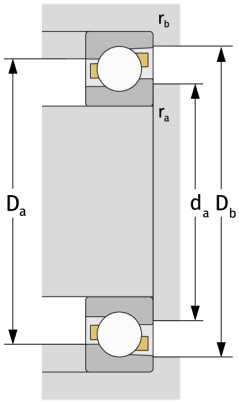
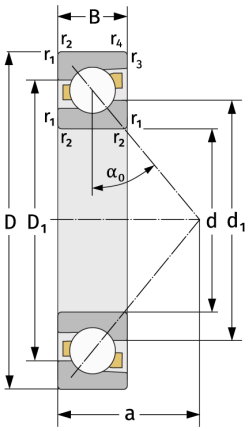
709/1000MP

Angular Contact Ball Bearings (single row, metric)

Details:

Main dimensions			
d [mm]	1000	D_1 [mm]	≈ 1207.7
D [mm]	1320	$r_{1,2}$ [mm]	6
B [mm]	103	$r_{3,4}$ [mm]	3
Weight [kg]	≈ 390	α_0 [°]	30
d_1 [mm]	≈ 1119.2	a [mm]	≈ 386





Mating dimensions	
$d_{a,\,min}$ [mm]	1023
$D_{a,\,max}$ [mm]	1297
$D_{b,\,max}$ [mm]	1307.6
$r_{a,\,max}$ [mm]	5
$r_{b,\,max}$ [mm]	2.5

Calculation data	
C [kN]	1100
C_0 [kN]	3470
C_u [kN]	49.4
n_{th} [min^{-1}]	298
n_g [min^{-1}]	400