

# 7024MP

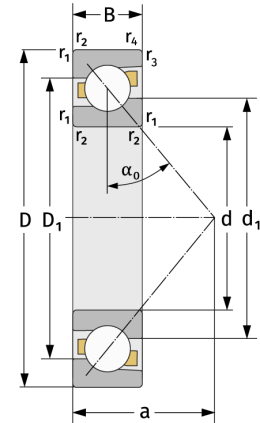
Angular Contact Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	120	$D_1$ [mm]	$\approx 158.6$
D [mm]	180	$r_{1,2}$ [mm]	2
B [mm]	28	$r_{3,4}$ [mm]	1
Weight [kg]	$\approx 2.37$	$\alpha_0$ [°]	30
$d_1$ [mm]	$\approx 143.2$	a [mm]	$\approx 57$



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	128.8	C [kN]	102
$D_{a, \max}$ [mm]	171.2	$C_0$ [kN]	107
$D_{b, \max}$ [mm]	175.4	$C_u$ [kN]	4.42
$r_{a, \max}$ [mm]	2	$n_{th}$ [min <sup>-1</sup> ]	3538
$r_{b, \max}$ [mm]	1	$n_g$ [min <sup>-1</sup> ]	4500