

# NUP31/530M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	530	$d_1$ [mm]	≈ 649
D [mm]	870	$D_1$ [mm]	≈ 763
B [mm]	272	$r_{1,2}$ [mm]	7.5
Weight [kg]	≈ 678	$r_{3,4}$ [mm]	7.5
F [mm]	611	s [mm]	23.5



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	562	C [kN]	7050
$d_{c, \min}$ [mm]	653	$C_0$ [kN]	13400
$D_{a, \max}$ [mm]	838	$C_u$ [kN]	1043
$r_{a, \max}$ [mm]	6	$n_{th}$ [min <sup>-1</sup> ]	328
		$n_g$ [min <sup>-1</sup> ]	840