

# NUP2024E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	120	$d_1$ [mm]	$\approx 141.4$
D [mm]	180	$D_1$ [mm]	$\approx 160.6$
B [mm]	36	$r_{1,2}$ [mm]	2
Weight [kg]	$\approx 3.39$	$r_{3,4}$ [mm]	1.1
F [mm]	135	s [mm]	2



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	128.8	C [kN]	235
$d_{c, \min}$ [mm]	145	$C_0$ [kN]	359
$D_{a, \max}$ [mm]	171.2	$C_u$ [kN]	43.4
$r_{a, \max}$ [mm]	2	$n_{th}$ [ $\text{min}^{-1}$ ]	3268
		$n_g$ [ $\text{min}^{-1}$ ]	4800