

# NJ1844M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	220	$d_1$ [mm]	$\approx 237.2$
D [mm]	270	$D_1$ [mm]	$\approx 252.8$
B [mm]	24	$r_{1,2}$ [mm]	1.5
Weight [kg]	$\approx 2.9$	$r_{3,4}$ [mm]	1.1
F [mm]	232	s [mm]	3.8



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	227	C [kN]	170
$d_{a, \max}$ [mm]	230	$C_0$ [kN]	326
$d_{b, \min}$ [mm]	234	$C_u$ [kN]	34.4
$d_{c, \min}$ [mm]	240	$n_{th}$ [ $\text{min}^{-1}$ ]	1822
$D_{a, \max}$ [mm]	263	$n_g$ [ $\text{min}^{-1}$ ]	2900
$r_{a, \max}$ [mm]	1.5		