

# NU30/800M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	800	$D_1$ [mm]	≈ 1029
D [mm]	1150	$r_{1,2}$ [mm]	7.5
B [mm]	258	$r_{3,4}$ [mm]	7.5
Weight [kg]	≈ 919	s [mm]	22.5
F [mm]	885		



### Mating dimensions

$d_{a, \min}$ [mm]	828
$d_{a, \max}$ [mm]	880
$d_{b, \min}$ [mm]	890
$D_{a, \max}$ [mm]	1122
$r_{a, \max}$ [mm]	6
$r_{b, \max}$ [mm]	6

### Calculation data

C [kN]	8350
$C_0$ [kN]	19300
$C_u$ [kN]	1370
$n_{th}$ [ $\text{min}^{-1}$ ]	206
$n_g$ [ $\text{min}^{-1}$ ]	550