

# 21320EA.M

Spherical Roller Bearings (metric)



## Details:

### Main dimensions

d [mm]	100	$D_1$ [mm]	$\approx 178.2$
D [mm]	215	$d_s$ [mm]	4.8
B [mm]	47	$n_s$ [mm]	9.5
Weight [kg]	$\approx 8.89$	$r_{1,2}$ [mm]	3
$d_2$ [mm]	$\approx 141.6$		



### Mating dimensions

$d_{a, \min}$ [mm]	114
$D_{a, \max}$ [mm]	201
$r_{a, \max}$ [mm]	2.5

### Calculation data

C [kN]	401
$C_0$ [kN]	535
$C_u$ [kN]	48.5
$n_{th}$ [ $\text{min}^{-1}$ ]	3071
$n_g$ [ $\text{min}^{-1}$ ]	4200
e	0,23
$Y_1$	2,98
$Y_2$	4,44
$Y_0$	2,92