

# 21317EA.M

Spherical Roller Bearings (metric)



## Details:

### Main dimensions

d [mm]	85	$D_1$ [mm]	$\approx 149.5$
D [mm]	180	$d_s$ [mm]	4.8
B [mm]	41	$n_s$ [mm]	9.5
Weight [kg]	$\approx 5.38$	$r_{1,2}$ [mm]	3
$d_2$ [mm]	$\approx 119.2$		



### Mating dimensions

$d_{a, \min}$ [mm]	99
$D_{a, \max}$ [mm]	166
$r_{a, \max}$ [mm]	2.5

### Calculation data

C [kN]	301
$C_0$ [kN]	398
$C_u$ [kN]	37.6
$n_{th}$ [ $\text{min}^{-1}$ ]	3510
$n_g$ [ $\text{min}^{-1}$ ]	5100
e	0,24
$Y_1$	2,87
$Y_2$	4,27
$Y_0$	2,8