

# 21319EA.M

Spherical Roller Bearings (metric)



## Details:

### Main dimensions

d [mm]	95	$D_1$ [mm]	$\approx 166.7$
D [mm]	200	$d_s$ [mm]	4.8
B [mm]	45	$n_s$ [mm]	9.5
Weight [kg]	$\approx 7.25$	$r_{1,2}$ [mm]	3
$d_2$ [mm]	$\approx 132.6$		



### Mating dimensions

$d_{a, \min}$ [mm]	109
$D_{a, \max}$ [mm]	186
$r_{a, \max}$ [mm]	2.5

### Calculation data

C [kN]	362
$C_0$ [kN]	482
$C_u$ [kN]	44.4
$n_{th}$ [ $\text{min}^{-1}$ ]	3244
$n_g$ [ $\text{min}^{-1}$ ]	4500
e	0,24
$Y_1$	2,87
$Y_2$	4,27
$Y_0$	2,8