

# 24044EA.M

Spherical Roller Bearings (metric)



## Details:

### Main dimensions

d [mm]	220	$D_1$ [mm]	$\approx 294.8$
D [mm]	340	$d_s$ [mm]	6.3
B [mm]	118	$n_s$ [mm]	12.2
Weight [kg]	$\approx 40.3$	$r_{1,2}$ [mm]	3
$d_2$ [mm]	$\approx 254.2$		



### Mating dimensions

$d_{a, \min}$ [mm]	232
$D_{a, \max}$ [mm]	327.6
$r_{a, \max}$ [mm]	2.5

### Calculation data

C [kN]	1380
$C_0$ [kN]	2610
$C_u$ [kN]	206
$n_{th}$ [ $\text{min}^{-1}$ ]	1099
$n_g$ [ $\text{min}^{-1}$ ]	1900
e	0,32
$Y_1$	2,1
$Y_2$	3,13
$Y_0$	2,06