

# 238/850EA.M

Spherical Roller Bearings (metric)



## Details:

### Main dimensions

d [mm]	850	$D_1$ [mm]	$\approx 980.6$
D [mm]	1030	$d_s$ [mm]	8
B [mm]	136	$n_s$ [mm]	15
Weight [kg]	$\approx 235$	$r_{1,2}$ [mm]	5
$d_2$ [mm]	$\approx 915.1$		



### Mating dimensions

$d_{a, \min}$ [mm]	868
$D_{a, \max}$ [mm]	1012
$r_{a, \max}$ [mm]	4

### Calculation data

C [kN]	3520
$C_0$ [kN]	10600
$C_u$ [kN]	622
$n_{th}$ [ $\text{min}^{-1}$ ]	200
$n_g$ [ $\text{min}^{-1}$ ]	530
e	0,11
$Y_1$	5,94
$Y_2$	8,84
$Y_0$	5,81