

# 231/850EA.M

Spherical Roller Bearings (metric)



## Details:

Main dimensions			
d [mm]	850	$D_1$ [mm]	$\approx 1198$
D [mm]	1360	$d_s$ [mm]	12.5
B [mm]	400	$n_s$ [mm]	23.5
Weight [kg]	$\approx 2324$	$r_{1,2}$ [mm]	12
$d_2$ [mm]	$\approx 1018.3$		



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	898	C [kN]	16200
$D_{a, \max}$ [mm]	1312	$C_0$ [kN]	36100
$r_{a, \max}$ [mm]	10	$C_u$ [kN]	2033
		$n_{th}$ [ $\text{min}^{-1}$ ]	165
		$n_g$ [ $\text{min}^{-1}$ ]	340
		e	0,28
		$Y_1$	2,41
		$Y_2$	3,59
		$Y_0$	2,35