

# 222/750EA.M

Spherical Roller Bearings (metric)



## Details:

### Main dimensions

d [mm]	750	D <sub>1</sub> [mm]	≈
D [mm]	1360		1192.6
B [mm]	345	d <sub>s</sub> [mm]	12.5
Weight [kg]	≈ 2201	n <sub>s</sub> [mm]	23.5
d <sub>2</sub> [mm]	≈ 946	r <sub>1,2</sub> [mm]	15



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	808	C [kN]	14800
$D_{a, \max}$ [mm]	1302	$C_0$ [kN]	26200
$r_{a, \max}$ [mm]	12	$C_u$ [kN]	1493
		$n_{th}$ [min <sup>-1</sup> ]	262
		$n_g$ [min <sup>-1</sup> ]	430
		e	0,24
		$Y_1$	2,76
		$Y_2$	4,11
		$Y_0$	2,7