

# 24196EA.M

Spherical Roller Bearings (metric)



## Details:

### Main dimensions

d [mm]	480	$D_1$ [mm]	$\approx 675.1$
D [mm]	790	$d_s$ [mm]	12.5
B [mm]	308	$n_s$ [mm]	23.5
Weight [kg]	$\approx 616$	$r_{1,2}$ [mm]	7.5
$d_2$ [mm]	$\approx 565.4$		



### Mating dimensions

$d_{a, \min}$ [mm]	512
$D_{a, \max}$ [mm]	758
$r_{a, \max}$ [mm]	6

### Calculation data

C [kN]	7850
$C_0$ [kN]	15800
$C_u$ [kN]	1020
$n_{th}$ [ $\text{min}^{-1}$ ]	226
$n_g$ [ $\text{min}^{-1}$ ]	640
e	0,37
$Y_1$	1,8
$Y_2$	2,69
$Y_0$	1,76