

# 22296EA.M

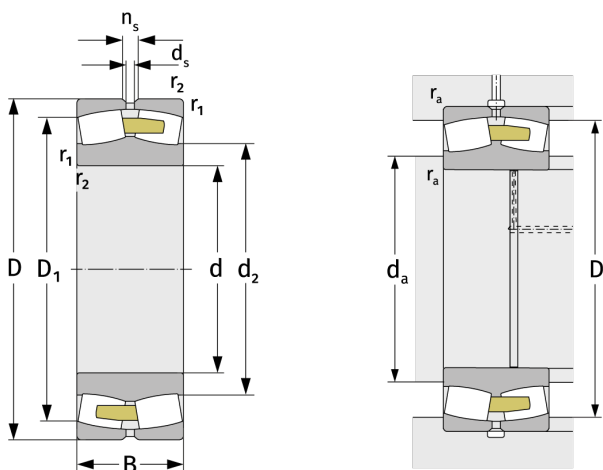
Spherical Roller Bearings (metric)



## Details:

### Main dimensions

d [mm]	480	$D_1$ [mm]	$\approx 762.6$
D [mm]	870	$d_s$ [mm]	12.5
B [mm]	224	$n_s$ [mm]	23.5
Weight [kg]	$\approx 582$	$r_{1,2}$ [mm]	7.5
$d_2$ [mm]	$\approx 605$		



### Mating dimensions

$d_{a, \min}$ [mm]	512
$D_{a, \max}$ [mm]	838
$r_{a, \max}$ [mm]	6

### Calculation data

C [kN]	6450
$C_0$ [kN]	10700
$C_u$ [kN]	680
$n_{th}$ [ $\text{min}^{-1}$ ]	491
$n_g$ [ $\text{min}^{-1}$ ]	780
e	0,25
$Y_1$	2,69
$Y_2$	4
$Y_0$	2,63