

# 160/850M

Deep Groove Ball Bearings (single row, metric)



## Details:

### Main dimensions

d [mm]	850	$d_1$ [mm]	$\approx 979.9$
D [mm]	1220	$D_1$ [mm]	$\approx 1091.9$
B [mm]	118	$r_{1,2}$ [mm]	7.5
Weight [kg]	$\approx 492$		



### Mating dimensions

$d_{a, \min}$ [mm]	878
$D_{a, \max}$ [mm]	1192
$r_{a, \max}$ [mm]	6

### Calculation data

C [kN]	1010
$C_0$ [kN]	2600
$C_u$ [kN]	39.2
$n_{th}$ [ $\text{min}^{-1}$ ]	541
$n_g$ [ $\text{min}^{-1}$ ]	670
$f_0$	16,4