

# Q252MPB

Four Point Contact Ball Bearings (metric)



## Details:

### Main dimensions

d [mm]	260	$D_1$ [mm]	$\approx 396.3$
D [mm]	480	$r_{1,2}$ [mm]	5
B [mm]	80	$\alpha_0$ [°]	23
Weight [kg]	$\approx 72.7$	a [mm]	$\approx 157$
$d_1$ [mm]	$\approx 343.7$		



### Mating dimensions

$d_{a, \min}$ [mm]	280
$D_{a, \max}$ [mm]	460
$r_{a, \max}$ [mm]	4

### Calculation data

C [kN]	815
$C_0$ [kN]	1590
$C_u$ [kN]	40.9
$n_{th}$ [ $\text{min}^{-1}$ ]	1103
$n_g$ [ $\text{min}^{-1}$ ]	2200