

# Q256MPB

Four Point Contact Ball Bearings (metric)



## Details:

### Main dimensions

d [mm]	280	$D_1$ [mm]	$\approx 417.8$
D [mm]	500	$r_{1,2}$ [mm]	5
B [mm]	80	$\alpha_0$ [°]	23
Weight [kg]	$\approx 76.7$	a [mm]	$\approx 166$
$d_1$ [mm]	$\approx 362.2$		



### Mating dimensions

$d_{a, \min}$ [mm]	300
$D_{a, \max}$ [mm]	480
$r_{a, \max}$ [mm]	4

### Calculation data

C [kN]	855
$C_0$ [kN]	1680
$C_u$ [kN]	42.3
$n_{th}$ [min <sup>-1</sup> ]	1022
$n_g$ [min <sup>-1</sup> ]	2100