

# QJ12/500MPA

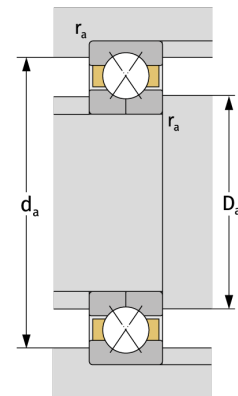
Four Point Contact Ball Bearings (metric)



## Details:

### Main dimensions

d [mm]	500	$D_1$ [mm]	$\approx 761.2$
D [mm]	920	$r_{1,2}$ [mm]	7.5
B [mm]	185	$\alpha_0$ [°]	45
Weight [kg]	$\approx 613$	a [mm]	$\approx 710$
$d_1$ [mm]	$\approx 658.8$		



### Mating dimensions

$d_{a, \min}$ [mm]	532
$D_{a, \max}$ [mm]	888
$r_{a, \max}$ [mm]	6

### Calculation data

C [kN]	1850
$C_0$ [kN]	5250
$C_u$ [kN]	98.7
$n_{th}$ [min <sup>-1</sup> ]	523
$n_g$ [min <sup>-1</sup> ]	1000