

# QJ1020MPA

Four Point Contact Ball Bearings (metric)



## Details:

### Main dimensions

d [mm]	100	$D_1$ [mm]	$\approx 132.4$
D [mm]	150	$r_{1,2}$ [mm]	1.5
B [mm]	24	$\alpha_0$ [°]	35
Weight [kg]	$\approx 1.61$	a [mm]	$\approx 88$
$d_1$ [mm]	$\approx 117.7$		



### Mating dimensions

$d_{a, \min}$ [mm]	107
$D_{a, \max}$ [mm]	143
$r_{a, \max}$ [mm]	1.5

### Calculation data

C [kN]	106
$C_0$ [kN]	134
$C_u$ [kN]	5.84
$n_{th}$ [min <sup>-1</sup> ]	3630
$n_g$ [min <sup>-1</sup> ]	7000