

# QJ1016MPA

Four Point Contact Ball Bearings (metric)



## Details:

### Main dimensions

d [mm]	80	$D_1$ [mm]	$\approx 109.9$
D [mm]	125	$r_{1,2}$ [mm]	1.1
B [mm]	22	$\alpha_0$ [°]	35
Weight [kg]	$\approx 1.09$	a [mm]	$\approx 72$
$d_1$ [mm]	$\approx 95.2$		



### Mating dimensions

$d_{a, \min}$ [mm]	86
$D_{a, \max}$ [mm]	119
$r_{a, \max}$ [mm]	1

### Calculation data

C [kN]	96.3
$C_0$ [kN]	107
$C_u$ [kN]	5.09
$n_{th}$ [min <sup>-1</sup> ]	4322
$n_g$ [min <sup>-1</sup> ]	8600