

# QJ224MPA

Four Point Contact Ball Bearings (metric)



## Details:

### Main dimensions

d [mm]	120	$D_1$ [mm]	$\approx 182.2$
D [mm]	215	$r_{1,2}$ [mm]	2.1
B [mm]	40	$\alpha_0$ [°]	35
Weight [kg]	$\approx 7.05$	a [mm]	$\approx 117$
$d_1$ [mm]	$\approx 152.8$		



### Mating dimensions

$d_{a, \min}$ [mm]	132
$D_{a, \max}$ [mm]	203
$r_{a, \max}$ [mm]	2.1

### Calculation data

C [kN]	289
$C_0$ [kN]	340
$C_u$ [kN]	12.9
$n_{th}$ [min <sup>-1</sup> ]	3071
$n_g$ [min <sup>-1</sup> ]	5200