

Q418MPB

Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

d [mm]	90	D_1 [mm]	≈ 177.6
D [mm]	225	$r_{1,2}$ [mm]	4
B [mm]	54	α_0 [°]	23
Weight [kg]	≈ 12.8	a [mm]	≈ 67
d_1 [mm]	≈ 137.4		



Mating dimensions

$d_{a, \min}$ [mm]	110
$D_{a, \max}$ [mm]	205
$r_{a, \max}$ [mm]	3

Calculation data

C [kN]	378
C_0 [kN]	409
C_u [kN]	15.9
n_{th} [min ⁻¹]	2825
n_g [min ⁻¹]	5500