

Q218MPB

Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

d [mm]	90	D_1 [mm]	≈ 135.8
D [mm]	160	$r_{1,2}$ [mm]	2
B [mm]	30	α_0 [°]	23
Weight [kg]	≈ 2.89	a [mm]	≈ 53
d_1 [mm]	≈ 114.2		



Mating dimensions

$d_{a, \min}$ [mm]	101
$D_{a, \max}$ [mm]	149
$r_{a, \max}$ [mm]	2

Calculation data

C [kN]	197
C_0 [kN]	203
C_u [kN]	8.81
n_{th} [min ⁻¹]	3745
n_g [min ⁻¹]	7000