

Q280MPB

Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

d [mm]	400	D_1 [mm]	≈ 597.1
D [mm]	720	$r_{1,2}$ [mm]	6
B [mm]	103	α_0 [°]	23
Weight [kg]	≈ 209	a [mm]	≈ 238
d_1 [mm]	≈ 522.9		



Mating dimensions

$d_{a, \min}$ [mm]	426
$D_{a, \max}$ [mm]	694
$r_{a, \max}$ [mm]	5

Calculation data

C [kN]	1310
C_0 [kN]	3200
C_u [kN]	67.7
n_{th} [min ⁻¹]	610
n_g [min ⁻¹]	1400