

Q284MPB

Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

d [mm]	420	D_1 [mm]	≈ 630.2
D [mm]	760	$r_{1,2}$ [mm]	7.5
B [mm]	109	α_0 [°]	23
Weight [kg]	≈ 249	a [mm]	≈ 250
d_1 [mm]	≈ 549.8		



Mating dimensions

$d_{a, \min}$ [mm]	452
$D_{a, \max}$ [mm]	728
$r_{a, \max}$ [mm]	6

Calculation data

C [kN]	1470
C_0 [kN]	3730
C_u [kN]	77.1
n_{th} [min ⁻¹]	550
n_g [min ⁻¹]	1300