

QJ10/500MPA

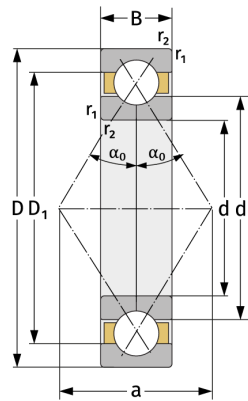
Four Point Contact Ball Bearings (metric)



Details:

Main dimensions

d [mm]	500	D_1 [mm]	≈ 642.5
D [mm]	720	$r_{1,2}$ [mm]	6
B [mm]	100	α_0 [°]	35
Weight [kg]	≈ 146	a [mm]	≈ 427
d_1 [mm]	≈ 577.5		



Mating dimensions

$d_{a, \min}$ [mm]	523
$D_{a, \max}$ [mm]	697
$r_{a, \max}$ [mm]	5

Calculation data

C [kN]	1110
C_0 [kN]	3010
C_u [kN]	61.1
n_{th} [min ⁻¹]	581
n_g [min ⁻¹]	1300