

NJ28/500M3

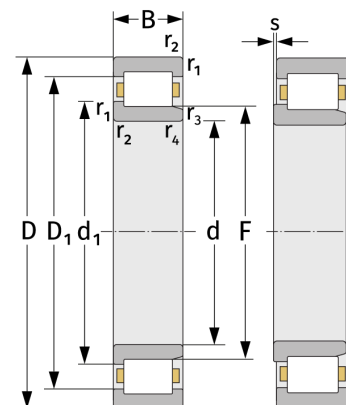
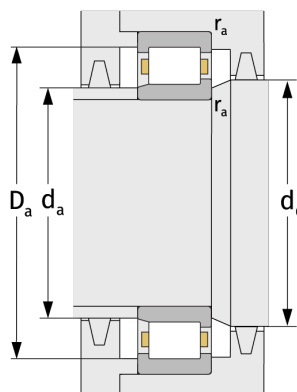
Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	500	d_1 [mm]	≈ 545.2
D [mm]	620	D_1 [mm]	≈ 578.8
B [mm]	72	$r_{1,2}$ [mm]	3
Weight [kg]	≈ 49.9	$r_{3,4}$ [mm]	3
F [mm]	534	s [mm]	8.5



Mating dimensions

$d_{a, \min}$ [mm]	512.4
$d_{a, \max}$ [mm]	530
$d_{b, \min}$ [mm]	538
$d_{c, \min}$ [mm]	549
$D_{a, \max}$ [mm]	607.6
$r_{a, \max}$ [mm]	2.5

Calculation data

C [kN]	1040
C_0 [kN]	2560
C_u [kN]	213
n_{th} [min^{-1}]	635
n_g [min^{-1}]	1200