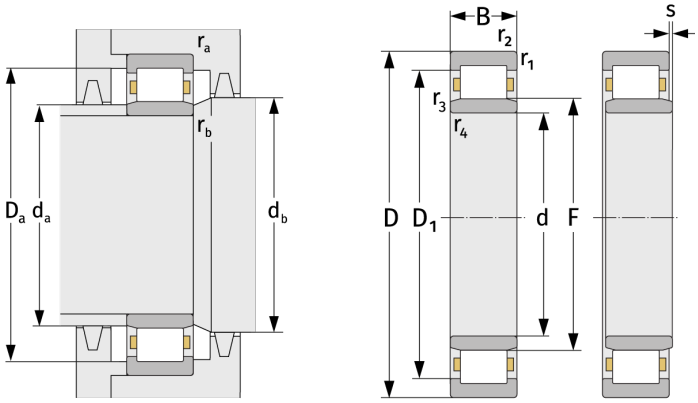
NU10/500M3

Cylindrical Roller Bearings (single row, with cage)

Details:

Main dimensions			
d [mm]	500	D_1 [mm]	≈ 642.4
D [mm]	720	$r_{1,2}$ [mm]	6
B [mm]	100	$r_{3,4}$ [mm]	6
Weight [kg]	≈ 131	s [mm]	14
F [mm]	556		



Mating dimensions		Calculation data	
$d_{a, min}$ [mm]	523	C [kN]	1810
$d_{a, max}$ [mm]	550	C_0 [kN]	3320
$d_{b, min}$ [mm]	562	C_u [kN]	269
$D_{a, max}$ [mm]	697	n_{th} [min^{-1}]	739
$r_{a, max}$ [mm]	5	n_g [min^{-1}]	1100
$r_{b, max}$ [mm]	5		