

# NNCF49/500V

Cylindrical Roller Bearings (full complement, double row)



## Details:

### Main dimensions

d [mm]	500	$d_s$ [mm]	4.8
D [mm]	670	$n_s$ [mm]	9.5
B [mm]	170	$r_{1,2}$ [mm]	5
Weight [kg]	≈ 174	$r_{3,4}$ [mm]	5
$d_1$ [mm]	≈ 570.7	s [mm]	8
$D_1$ [mm]	≈ 616.3		



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	518	C [kN]	3260
$d_{c, \text{empf}}$ [mm]	565	$C_0$ [kN]	9150
$D_{a, \max}$ [mm]	652	$C_u$ [kN]	749
$r_{a, \max}$ [mm]	4	$n_{th}$ [ $\text{min}^{-1}$ ]	215
$r_{b, \max}$ [mm]	4	$n_g$ [ $\text{min}^{-1}$ ]	480