

# CYSD NUP308E cylindrical roller bearings

CYSD NUP308E cylindrical roller bearings, Units and Housings  
16 mm C CAD models , 15 mm d Manufacturing 27 mm D Service .  
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d	15 mm
D	27 mm
C	16 mm
F	19 mm
rs min	0.3 mm
s max	0.5 mm
Dw	2.5 mm
Lw	12.8 mm
Lubrication hole on outer ring	Oui/Yes
k	2.5 mm
Inner ring reference	1R15X19X16
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.04 kg
Cr	13.3 kN
C0r	17.4 kN
Nlim (grease)	14,000 rpm
Nlim (oil)	21,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz

Characteristic rolling element frequency, BSF	8.48 Hz
Characteristic outer ring frequency, BPF0	7.07 Hz
Characteristic inner ring frequency, BRFI	8.93 Hz
da min	17 mm
Da max	25 mm
ras max	0.3 mm