



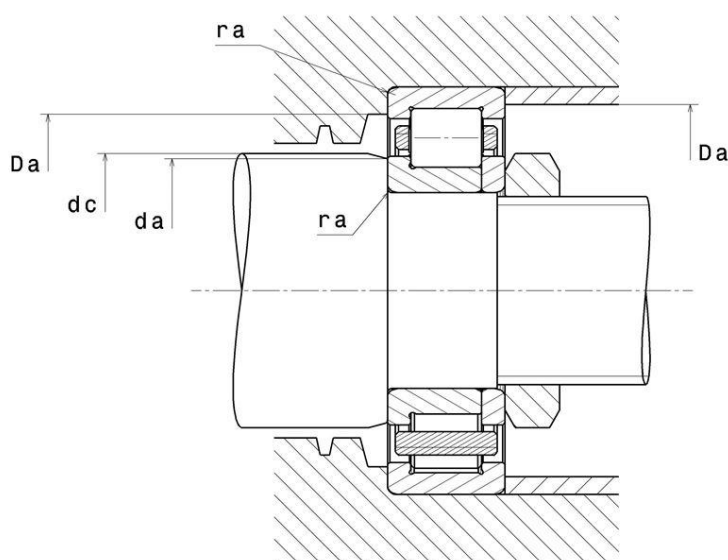
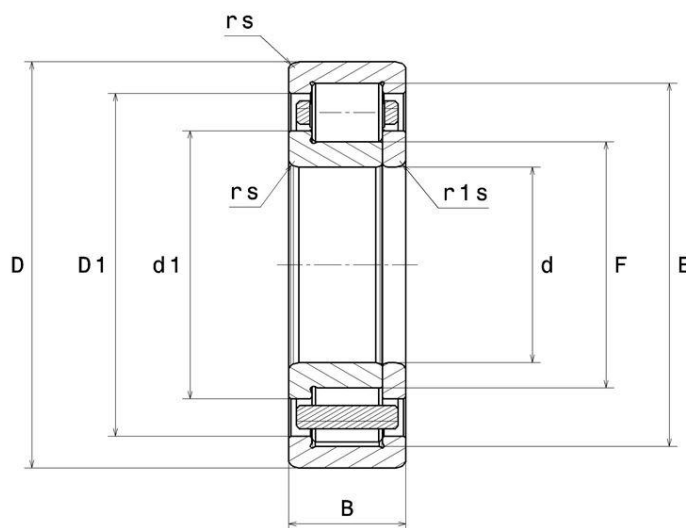
Technical data

NUP2308ET2U

Single row cylindrical roller bearings

Single row cylindrical roller bearing, locating, separable, polyamide cage

VISUAL (S)



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PRODUCT DIMENSIONS

Internal diameter d	40 mm
External diameter D	90 mm
Bearing/Inner ring width(B)	33 mm
Upper roller diameter E	80 mm
Under roller diameter F	52 mm
d1	57,6 mm
Min fillet radius rs	1,5 mm
Min fillet radius r1s	1,5 mm
Radial clearance class	CN
Mass	0,974 kg
Brand	NTN

PRODUCT PERFORMANCE

Dynamic load, C	114 kN
Static load, C0	122 kN
Fatigue limit load, Cu	14,9 kN
Nlim (oil)	7500 tr/min
Nlim (grease)	6400 tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.394 Hz
Characteristic rolling element frequency, BSF	4.502 Hz
Characteristic outer ring frequency, BPF0	4.727 Hz
Characteristic inner ring frequency, BRF0	7.273 Hz

ABUTMENT

Min shoulder diameter IR da min	48 mm
Min NJ & N type IR GO diameter dc min	60 mm
Max shoulder diameter OR Da max	82 mm
Max fillet radius ra max	1,5 mm

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INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$