

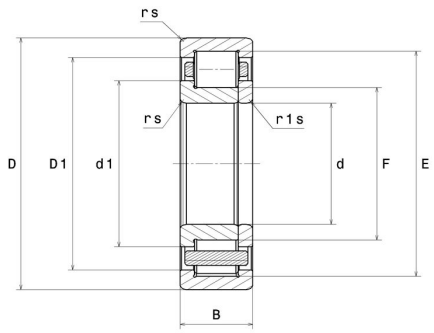
Technical data

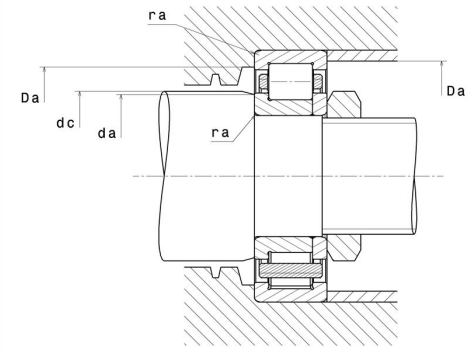
NUP2216ET2XU

Single row cylindrical roller bearings

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

Visual(s)





Product definition

d	80 mm
D	140 mm
B	33 mm
E	127.3 mm
F	95.3 mm
d1	101.7 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	2.04 kg
Brand	NTN

Product performance

Dynamic load, C	186 kN
Static load, C0	243 kN
Fatigue limit load, Cu	28.8 kN
Nlim (oil)	4,600 Tr/min
Nlim (grease)	3,900 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.81 Hz
Characteristic outer ring frequency, BPF0	7.71 Hz
Characteristic inner ring frequency, BPFI	10.29 Hz

Abutment dimensions

da min	89 mm
dc min	104 mm
Da max	131 mm
ra max	2 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$