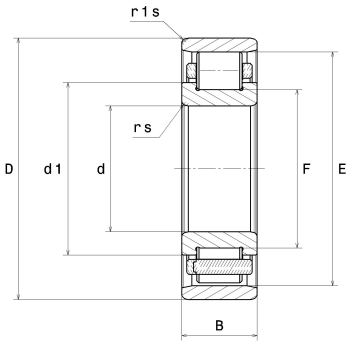
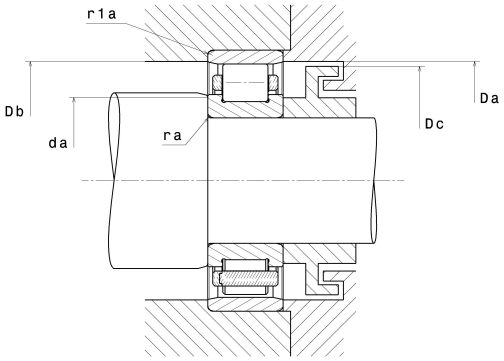
PDF technical sheet
N334EMJ30

Single row cylindrical roller bearings
Single row cylindrical roller bearing, floating, separable, brass cage

Product definition	
d	6.6929 "
D	14.1732 "
B	2.8346 "
E	12.5197 "
F	8.5827 "
d1	9.3307 "
rs min	0.1575 "
r1s min	0.1575 "
Radial clearance class	C3
Mass (without HJ ring)	133.69 oz
Brand	SNR



Product performance	
Dynamic load, C	993 kN
Static load, C0	1,260 kN
Fatigue limit load, Cu	114 kN
Nref	1,500 RPM
Nlim	2,900 RPM
Min operating temperature, Tmin	−40 °C
Max operating temperature, Tmax	248 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.17 Hz
Characteristic outer ring frequency, BPF0	6.10 Hz
Characteristic inner ring frequency, BPFI	8.90 Hz



Abutment dimensions	
da min	7.3228 "
Da max	13.5433 "
Db min	12.5984 "
Dc max	12.3228 "
ra max	0.1181 "
r1a max	0.1181 "

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr