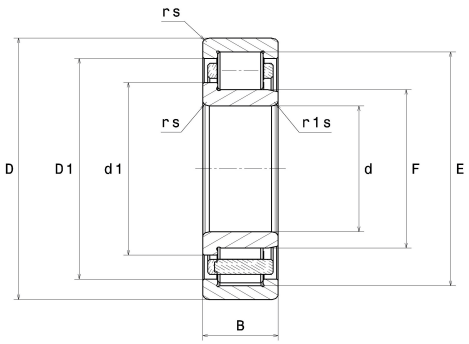
PDF technical sheet
NJ230EMJ30

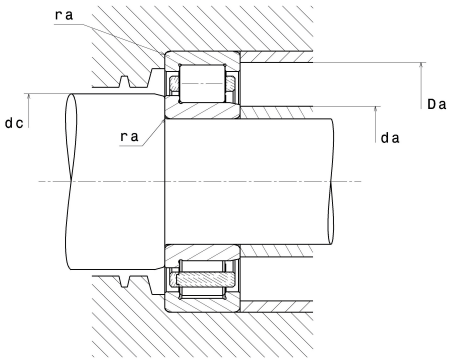
Single row cylindrical roller bearings

Single row cylindrical roller bearing, single direction for axial loads, separable, brass cage.

Product definition	
d	5.9055 "
D	10.6299 "
B	1.7717 "
E	9.5276 "
F	7.1654 "
d1	7.6024 "
D1	9.1811 "
rs min	0.1181 "
r1s min	0.1181 "
Radial clearance class	C3
Mass (without HJ ring)	43.03 oz
Brand	SNR



Product performance	
Dynamic load, C	453 kN
Static load, C0	603 kN
Fatigue limit load, Cu	58.70 kN
Nref	2,400 RPM
Nlim	3,800 RPM
Min operating temperature, Tmin	−40 °C
Max operating temperature, Tmax	248 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.93 Hz
Characteristic outer ring frequency, BPF0	8.16 Hz
Characteristic inner ring frequency, BPFI	10.84 Hz



Abutment dimensions	
da min	6.4173 "
da max	7.0472 "
db min	7.2441 "
dc min	7.7165 "
Da max	10.1181 "
ra max	0.0984 "
r1a max	0.0984 "

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr