Technical datasheet

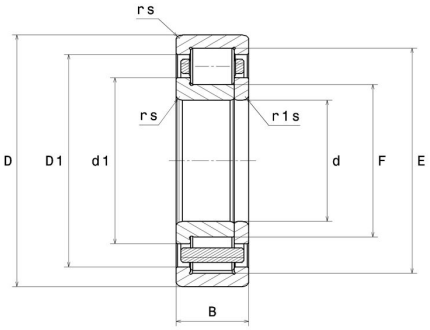
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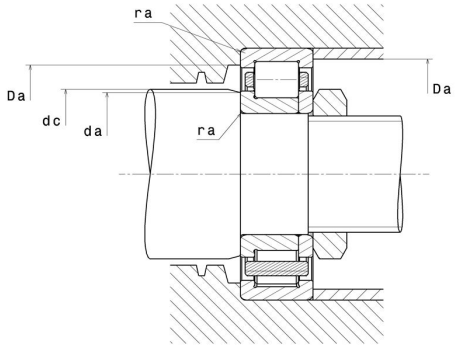
Single row cylindrical roller bearings



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

Visual(s)





Product definition

d	75 mm
D	130 mm
B	25 mm
E	118.5 mm
F	88.5 mm
d1	94.3 mm
D1	114.4 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1.33 kg
Brand	SNR

Product performance

Dynamic load, C	136 kN
Static load, C0	167 kN
Fatigue limit load, Cu	20.2 kN
Nref	4,400 rpm
Nlim	6,200 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.76 Hz
Characteristic outer ring frequency, BPF0	7.7 Hz
Characteristic inner ring frequency, BPFI	10.3 Hz

Abutment dimensions

da min	83 mm
dc min	96 mm
Da max	122 mm
ra max	1.5 mm
r1a max	1.5 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$