PDF technical sheet
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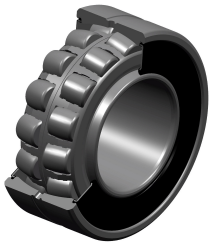
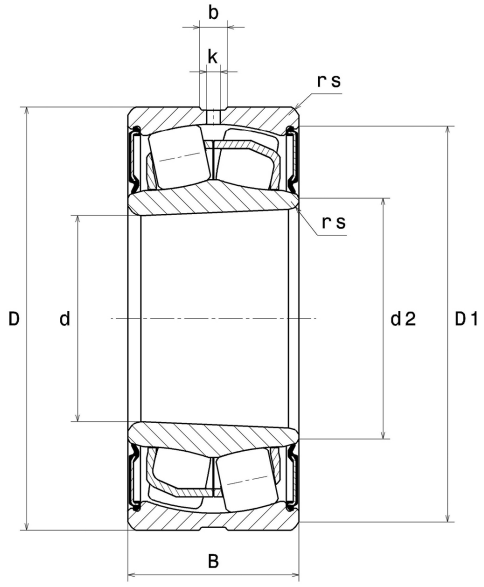


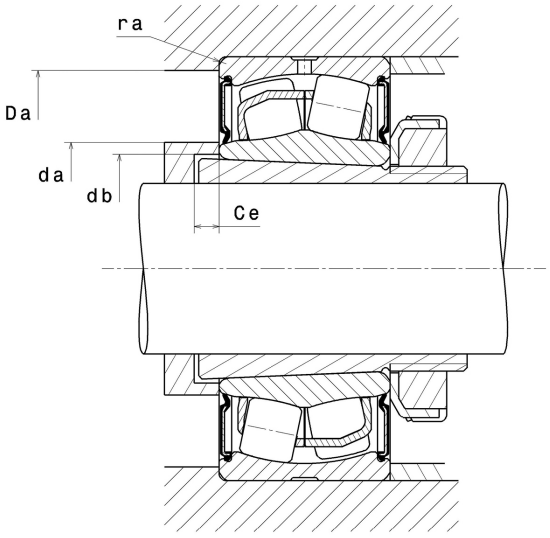
Double row spherical roller bearings

Spherical roller bearing, pressed steel cage, groove and lubrication holes on outer ring, tapered bore 1:12, non ISO width, contact seals on both sides

Product definition	
d	1.3780 "
D	2.8346 "
B	1.1024 "
d2	1.6850 "
D1	2.5630 "
rs min	0.0433 "
Number of lubrication holes	3
b	0.1929 "
k	0.0787 "
e	0.31
Y1	2.21
Y2	3.29
Y0	2.16
Radial clearance class	C3
Mass	1.74 oz
Brand	SNR



Product performance	
Dynamic load, C	100 kN
Static load, C0	92 kN
Fatigue limit load, Cu	8.80 kN
Nlim	2,600 RPM
Min operating temperature, Tmin	14 °C
Max operating temperature, Tmax	248 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.76 Hz
Characteristic outer ring frequency, BPF0	6.68 Hz
Characteristic inner ring frequency, BPFI	9.32 Hz



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Code APE 2815 Z – Code NACE 28.15

Abutment dimensions	
da min	1.6535 "
da max	1.6850 "
Da max	2.5630 "
ra max	0.0394 "

Calculation factors

Equivalent dynamic radial load

$P = X.Fr + Y.Fa$

$Fa / Fr \leq e$		$Fa / Fr > e$	
X	Y	X	Y
1	Y1	0.67	Y2

Equivalent static radial load

$Po = Xo.Fr + Yo.Fa$

X_0	Y_0
1	Y0

The values for e, Y1, Y2 and Y0 are shown in the above table .