

# SNR EX312 deep groove ball bearings

SNR EX312 deep groove ball bearings, 30 mm d Units and Housings CAD models , 72 mm D Manufacturing Service . Get Your Free. 19 mm B

d	30 mm
D	72 mm
B	19 mm
C	14 mm
T	20.75 mm
d1	53 mm
a	23.5 mm
rs min	1.5 mm
r1s min	1.5 mm
e	0.83
Y2	0.73
Y0	0.4
Mass	0.4 kg
ISO 355 reference	T7FB030
Dynamic load, C	48.5 kN
Rating life coefficient, A2	1.9
Static load, C0	51.5 kN
Fatigue limit load, Cu	6.3 kN
Nlim (oil)	6,700 rpm
Nlim (grease)	5,000 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.53 Hz
Characteristic outer ring frequency, BPF0	6.34 Hz
Characteristic inner ring frequency, BRFI	8.66 Hz
da max	39 mm
db min	38.5 mm
Da min	55 mm
Da max	63.5 mm
Db min	68 mm
Ca min	3 mm
Cb min	6.5 mm
ra max	1.5 mm
r1a max	1.5 mm