

# NBS ZARN 90180 TN complex bearings

NBS ZARN 90180 TN complex bearings manufacturer and global supplier of reliable ball 19.05 mm B and roller 38.1 mm d ... NBS ZARN 90180 TN complex bearings Industries Products Manufacturing & Engineering and Agricultural Bearings designed to meet the unique requirements of our targeted industries.

d	38.1 mm
D	69.01 mm
B	19.05 mm
C	15.08 mm
T	19.05 mm
d1	53.5 mm
a	16.05 mm
e	0.4
Y2	1.49
Y0	0.82
Mass	0.29 kg
Dynamic load, C	47.5 kN
Rating life coefficient, A2	1.9
Static load, C0	59.5 kN
Fatigue limit load, Cu	7.3 kN
Nlim (oil)	7,100 rpm
Nlim (grease)	5,300 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz

Characteristic rolling element frequency, BSF	7.39 Hz
Characteristic outer ring frequency, BPF0	8.72 Hz
Characteristic inner ring frequency, BRFI	11.28 Hz
ra max	3.5 mm
r1a max	2.3 mm