

# NSK 6814NR deep groove ball bearings

100% 45 mm d Authentic. NSK 6814NR deep groove ball bearings Highest Quality. Certified Supplier.

d	45 mm
D	68 mm
B	12 mm
d1	52.3 mm
d2	50.2 mm
D1	61.51 mm
D2	63.01 mm
a	19 mm
Contact angle $\alpha$	25 °
rs min	0.6 mm
rls min	0.3 mm
f <sub>0</sub>	8.58
Precision class	P4S
Mass	0.13 kg
Dynamic load, C	6.9 kN
Static load, C <sub>0</sub>	4.95 kN
Fatigue limit load, C <sub>u</sub>	0.32 kN
N <sub>lim</sub> (oil)	35,000 rpm
N <sub>lim</sub> (grease)	24,000 rpm
Axial displacement K Factor	0.64
Preload level	8
Preload value	0.17 kN
Axial rigidity	125 N/ $\mu$ m

Radial rigidity	270 N/ $\mu$ m
Min operating temperature, T <sub>min</sub>	-30 °C
Max operating temperature, T <sub>max</sub>	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	11.52 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	12.9 Hz
Characteristic inner ring frequency, BRFI	15.1 Hz
d <sub>a min</sub>	49.5 mm
d <sub>b min</sub>	49.5 mm
D <sub>a max</sub>	63.5 mm
D <sub>b max</sub>	63.5 mm
r <sub>1a max</sub>	0.3 mm
r <sub>a max</sub>	0.6 mm
D <sub>6</sub>	53.8 mm