

# NSK 6822 deep groove ball bearings

Welcome to 25 mm d the 47 mm D NSK 6822 deep groove ball bearings online 12 mm B seller.

d	25 mm
D	47 mm
B	12 mm
d1	32.2 mm
d2	30.25 mm
D1	42.65 mm
D2	44.25 mm
a	14 mm
Contact angle $\alpha$	25 °
rs min	0.6 mm
rls min	0.3 mm
f <sub>0</sub>	7.83
Precision class	P4S
Mass	0.08 kg
Dynamic load, C	7.1 kN
Static load, C <sub>0</sub>	3.7 kN
Fatigue limit load, C <sub>u</sub>	0.23 kN
N <sub>lim</sub> (oil)	54,000 rpm
N <sub>lim</sub> (grease)	38,000 rpm
Axial displacement K Factor	0.84
Preload level	8
Preload value	0.18 kN
Axial rigidity	97 N/ $\mu$ m

Radial rigidity	206 N/ $\mu$ m
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.32 Hz
Characteristic outer ring frequency, BPF0	7.3 Hz
Characteristic inner ring frequency, BRFI	9.7 Hz
da min	29.5 mm
db min	29.5 mm
Da max	42.5 mm
Db max	42.5 mm
r1a max	0.3 mm
ra max	0.6 mm
D6	34.2 mm