

# NSK 45BWD16 angular contact ball bearings

Manufacturers of all 85 mm d are represented in our partial list of clients. Contact Gary for a complete NSK 45BWD16 angular contact ball bearings list of clients and projects.

d	85 mm
D	180 mm
B	41 mm
rs min	3 mm
Radial clearance class	CN
Mass	4.23 kg
Dynamic load, C	133 kN
Static load, C <sub>0</sub>	97 kN
Fatigue limit load, C <sub>u</sub>	3.85 kN
f <sub>0</sub>	13.3
N <sub>lim</sub> (grease)	2,600 rpm
Min operating temperature, T <sub>min</sub>	-25 °C
Max operating temperature, T <sub>max</sub>	110 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.16 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	3.09 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	4.91 Hz
da min	98 mm
da max	112 mm
Da max	167 mm
ra max	2.5 mm