

# Timken 29585/29521B tapered roller bearings

With over 10170 full-service stores, our Timken 29585/29521B tapered roller bearings inventory is extensive and our parts are priced 130 mm D right. 95 mm d within 24 hours. This helps you 18 mm B maximize your productivity by saving time and your hard-earned dollars.

d	95 mm
D	130 mm
B	18 mm
d1	106.9 mm
d2	104.3 mm
D1	118.1 mm
D2	123.4 mm
a	35.3 mm
Contact angle $\alpha$	25 °
rs min	1.1 mm
r1s min	0.6 mm
f $\theta$	16.8
Precision class	P42
Mass	0.59 kg
Dynamic load, C	40 kN
Static load, C0	44.5 kN
Nlim (oil)	14,600 rpm
Nlim (grease)	9,000 rpm
Preload level	GN
Preload value	0.4 kN

Axial rigidity	247.1 N/ $\mu$ m
Radial rigidity	530 N/ $\mu$ m
Min operating temperature, T <sub>min</sub>	-20 °C
Max operating temperature, T <sub>max</sub>	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	10.83 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	12.84 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	15.16 Hz
d <sub>a min</sub>	102 mm
D <sub>a max</sub>	123 mm
D <sub>b max</sub>	125.5 mm
r <sub>1a max</sub>	0.6 mm
r <sub>a max</sub>	1 mm
D <sub>6</sub>	107.4 mm