

# Toyana BK091516 cylindrical roller bearings

Request 10 Bore Diameter (mm) A Quote For Your Special Toyana BK091516 cylindrical roller bearings Needs Today! Free Quotes. ISO 10x26x8 Size (mm) 9001 certified.

Size (mm)	10x26x8
Bore Diameter (mm)	10
Outer Diameter (mm)	26
Width (mm)	8
d	10 mm
D	26 mm
B	8 mm
C	8 mm
Angle ( $\alpha$ )	20 °
d1	14.65 mm
d2	13.55 mm
D1	20.95 mm
D2	21.75 mm
a	8 mm
Contact angle $\alpha$	25 °
rs min	0.3 mm
r1s min	0.3 mm
f0	7.49
Precision class	P4S
Mass	0.02 kg
Dynamic load, C	1.94 kN
Static load, C0	0.75 kN

Fatigue limit load, $C_u$	0.05 kN
$N_{lim}$ (oil)	108,000 rpm
$N_{lim}$ (grease)	75,000 rpm
Axial displacement K Factor	1.39
Preload level	7
Preload value	0.016 kN
Axial rigidity	26 N/ $\mu$ m
Radial rigidity	57 N/ $\mu$ m
Min operating temperature, $T_{min}$	-30 °C
Max operating temperature, $T_{max}$	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.2 Hz
Characteristic outer ring frequency, BPF0	4.57 Hz
Characteristic inner ring frequency, BRFI	6.43 Hz
$d_a$ min	12.5 mm
$d_b$ min	12.5 mm
$D_a$ max	23.5 mm
$D_b$ max	23.5 mm
$r_{1a}$ max	0.3 mm
$r_a$ max	0.3 mm
D6	15.9 mm