

ISO NP1920 cylindrical roller bearings

Our highly-skilled and factory-trained service experts have the resources to help you with all your ISO NP1920 cylindrical roller bearings 130 mm d needs – including routine maintenance, major repairs, warranty service, and equipment inspections.

d	130 mm
D	200 mm
B	33 mm
d1	153.9 mm
d2	148.5 mm
D1	176.2 mm
D2	187 mm
a	55.2 mm
Contact angle α	25 °
rs min	2 mm
r1s min	1 mm
f θ	16.1
Precision class	P42
Mass	3.25 kg
Dynamic load, C	126 kN
Static load, C θ	136 kN
Nlim (oil)	9,900 rpm
Nlim (grease)	6,200 rpm
Preload level	GN
Preload value	1.27 kN

Axial rigidity	390 N/ μ m
Radial rigidity	830 N/ μ m
Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.9 Hz
Characteristic outer ring frequency, BPF ₀	9.75 Hz
Characteristic inner ring frequency, BPF _I	12.25 Hz
d _{a min}	140 mm
D _{a max}	190 mm
D _{b max}	194.5 mm
r _{1a max}	1 mm
r _{a max}	2 mm
D ₆	153.9 mm