

# NTN 4R10603 cylindrical roller bearings

Various types 100 mm D and sizes 45 mm d to accommodate your NTN 4R10603 cylindrical roller bearings requirements. 36 mm B

d	45 mm
D	100 mm
B	36 mm
E	88.5 mm
F	58.5 mm
d1	64.5 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1.42 kg
Dynamic load, C	137 kN
Static load, C0	153 kN
Fatigue limit load, Cu	18.7 kN
Nlim (oil)	6,800 rpm
Nlim (grease)	5,700 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.7 Hz
Characteristic outer ring frequency, BPF0	5.17 Hz
Characteristic inner ring frequency, BRFI	7.83 Hz
da min	53 mm
dc min	66 mm

Da max	92 mm
ra max	1.5 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.422
Product Group	B04144