

NSK 110PCR2502 cylindrical roller bearings

Our highly-skilled and factory-trained service experts have the 180 mm B resources to 280 mm d help you with all your NSK 110PCR2502 cylindrical roller bearings needs – including routine maintenance, major repairs, warranty service, and 460 mm D equipment inspections.

d	280 mm
D	460 mm
B	180 mm
D1	389.2 mm
rs min	5 mm
Number of lubrication holes	3
b	13.9 mm
k	7.5 mm
e	0.37
Y1	1.85
Y2	2.75
Y0	1.8
Radial clearance class	C3
Mass	121 kg
Dynamic load, C	2,850 kN
Static load, C0	5,560 kN
Fatigue limit load, Cu	266 kN
Nref	590 rpm
Nlim	1,100 rpm
Min operating temperature, Tmin	-40 °C

Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.28 Hz
Characteristic outer ring frequency, BPF0	10.17 Hz
Characteristic inner ring frequency, BPFI	12.83 Hz
da min	300 mm
Da max	440 mm
ra max	4 mm