

# NSK 025-3AC3\*\*SAU32 cylindrical roller bearings

Manufacturers of 50 mm d all are represented in our partial list of clients. Contact Gary for a complete NSK 025-3AC3\*\*SAU32 cylindrical roller bearings list of clients and projects.

d	50 mm
D	90 mm
B	23 mm
d2	59.5 mm
D1	80.7 mm
rs min	1.1 mm
Number of lubrication holes	3
b	5.8 mm
k	2.5 mm
Associated sleeve reference	H310
e	0.24
Y1	2.84
Y2	4.23
Y0	2.78
Radial clearance class	C3
Mass	0.56 kg
Dynamic load, C	130 kN
Static load, C0	124 kN
Fatigue limit load, Cu	14.5 kN
Nref	6,700 rpm
Nlim	9,100 rpm

Min operating temperature, $T_{min}$	-20 °C
Max operating temperature, $T_{max}$	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.34 Hz
Characteristic outer ring frequency, BPF0	7.63 Hz
Characteristic inner ring frequency, BRFI	10.37 Hz
da min	57 mm
Da max	83 mm
ra max	1 mm