

# Loyal RKS.204040101001 Customized four-point contact ball slewing bearings with an external gear

LET 70 mm d OUR Loyal RKS.204040101001 Customized four-point contact ball slewing bearings with an external gear EXPERTS GET YOU THE PARTS YOU NEED.

d	70 mm
D	110 mm
B	20 mm
a min	2.67 mm
a max	2.87 mm
Ca min	5.03 mm
Ca max	5.33 mm
rs min	1.1 mm
rNs min	0.5 mm
D3 max	106.81 mm
b min	2.7 mm
b max	3 mm
r0 max	0.6 mm
D4 max	116.6 mm
f	2.46 mm
Snap ring reference	R110
Radial clearance class	CN
Mass	0.6 kg
Dynamic load, C	38 kN

Static load, $C_0$	31 kN
Fatigue limit load, $C_u$	1.41 kN
$f_0$	15.6
$N_{lim}$ (grease)	6,100 rpm
Min operating temperature, $T_{min}$	-20 °C
Max operating temperature, $T_{max}$	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.43 Hz
Characteristic outer ring frequency, BPF $_0$	6.07 Hz
Characteristic inner ring frequency, BRFI	7.93 Hz
$d_{a \min}$	76.5 mm
$D_{a \max}$	103.5 mm
$r_{a \max}$	1 mm
$r_{Na \max}$	0.5 mm
$D_b \min$	118 mm