

Loyal RKS.161.16.1314 Medium size crossed cylindrical roller slewing bearing with an external gear

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d	160 mm
D	290 mm
B	80 mm
D1	258.7 mm
rs min	3 mm
Number of lubrication holes	3
b	16.9 mm
k	8 mm
Associated sleeve reference	H3132
e	0.25
Y1	2.69
Y2	4
Y0	2.63
Radial clearance class	CN
Mass	23 kg
Dynamic load, C	1,220 kN
Static load, C0	1,390 kN
Fatigue limit load, Cu	120 kN
Nref	2,000 rpm

Nlim	2,800 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.17 Hz
Characteristic outer ring frequency, BPF0	7.6 Hz
Characteristic inner ring frequency, BPFI	10.4 Hz
da min	174 mm
Da max	276 mm
ra max	2.5 mm