

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

N _{lim}	2,800 rpm
Min operating temperature, T _{min}	-40 °C
Max operating temperature, T _{max}	200 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.17 Hz
Characteristic outer ring frequency, BPF ₀	7.6 Hz
Characteristic inner ring frequency, BPF _I	10.4 Hz
d _{a min}	174 mm
D _{a max}	276 mm
r _{a max}	2.5 mm