SPIRou Line-by-line Radial Velocity

Object: TOI2120, Template: TOI2120, Zero-point corrected: True

Number of exposures: 66, Number of epochs: 17

Diagnostic Plots

2023-05-31

Stellar Parameters		Planet Parameters	
Host name	TIC 389900760	Name	TOI 2120.01
RA	01:34:01.76	Mass (M⊕)	7.45
Dec.	65:30:50.36	Radius (R⊕)	2.63
Mass (Mo)	0.21	Density (g/cm³)	2.2
Radius (Ro)	0.24	Period (days)	5.79982
Lum. (L⊙)	0.00531	Transit depth (ppt)	8.57
Teff (K)	3179	Transit dur. (hr)	1.01
Spect. type	M4V	Orb. sep. (au)	0.038
Dist. (pc)	32.18	Teq (K)	355
V	15.65	Insolation (S⊕)	3.74
Gaia	14.19	RV K (m/s)	7.50
J	11.10	Atmo. sig. (ppm)	644
H	10.45	TSM	125.2
K	10.21	ESM	3.7

Link to ExoFOP











