SPIRou Line-by-line Radial Velocity

Object: TOI732, Template: TOI732, Zero-point corrected: True

Number of exposures: 44, Number of epochs: 5

Diagnostic Plots

2023-05-31

Stellar Para	ameters	Planet Parameter	es.
Host name	TIC 36724087	Name	TOI 732.01
RA	10:18:34.78	Mass (M⊕)	1.56
Dec.	-11:43:04.08	Radius (R⊕)	1.14
Mass (Mo)	0.36	Density (g/cm³)	5.8
Radius (Ro)	0.37	Period (days)	0.76839
Lum. (L⊙)	0.0155	Transit depth (ppt)	0.90
Teff (K)	3329	Transit dur. (hr)	1.02
Spect. type	M3.5V	Orb. sep. (au)	0.012
Dist. (pc)	21.98	Teq (K)	831
V	13.14	Insolation (S⊕)	112.64
Gaia	11.85	RV K (m/s)	2.14
J	9.01	Atmo. sig. (ppm)	22
H	8.44	TSM	18.5
K	8.20	ESM	10.2

Link to ExoFOP

Stellar Para	ameters	Planet Parameter	rs .
Host name	TIC 36724087	Name	TOI 732.02
RA	10:18:34.78	Mass (M⊕)	4.97
Dec.	-11:43:04.08	Radius (R⊕)	2.07
Mass (Mo)	0.36	Density (g/cm³)	3.1
Radius (Ro)	0.37	Period (days)	12.25218
Lum. (L⊙)	0.0155	Transit depth (ppt)	2.99
Teff (K)	3329	Transit dur. (hr)	1.38
Spect. type	M3.5V	Orb. sep. (au)	0.074
Dist. (pc)	21.98	Teq (K)	330
V	13.14	Insolation (S⊕)	2.81
Gaia	11.85	RV K (m/s)	2.71
J	9.01	Atmo. sig. (ppm)	181
H	8.44	TSM	92.2
K	8.20	ESM	1.6

Link to ExoFOP











