

HAT-P-16

other query modes :

Identifier query

Coordinate query

Criteria query

Reference query

Basic query

Script submission

TAP

Output options

Help

C.D.S. - SIMBAD4 rel 1.7 - 2019.01.13CET05:07:53

Available data : Basic data • Identifiers • Plot & images • Bibliography • Measurements • External archives • Notes • Annotations

Basic data :

HAT-P-16 -- Star

Other object types: * (TYC,GSC,...), IR (2MASS)

ICRS coord. (ep=J2000) : 00 38 17.5584478065 +42 27 47.216927539 (Optical) [0.0502 0.0609 90] A 2018yCat.1345....0G

FK4 coord. (ep=B1950 eq=1950) : 00 35 34.1300923444 +42 11 18.378574583 [7.4503 4.0503 0]

Gal coord. (ep=J2000) : 120.3468385931571 -20.3426438719393 [0.0609 0.0502 0]

Proper motions mas/yr : -21.564 -4.588 [0.081 0.149 90] A 2018yCat.1345....0G

Radial velocity / Redshift / cz : V(km/s) -15.51 [0.58] / z(spectroscopic) -0.000052 [0.000002] / cz -15.51 [0.58] (Opt) A 2018yCat.1345....0G

Parallaxes (mas): 4.3859 [0.0847] A 2018yCat.1345....0G

Spectral type: F8 D 2011A&A...529A.136E

Fluxes (6) : B 11.38 [0.06] D 2000A&A...355L..27H V 10.91 [0.06] D 2000A&A...355L..27H G 10.7568 [0.0003] C 2018yCat.1345....0G J 9.850 [0.022] C 2003yCat.2246....0C H 9.623 [0.022] C 2003yCat.2246....0C K 9.553 [0.020] C 2003yCat.2246....0C

SIMBAD query around w

Interacti

00 38 17.5

FoV: 1.99'

2MAS

VizieR Search w

notes:

- Substellar companion HAT-P-16b detected, see also HAT-P-16 in the Extrasolar Planets Encyclopaedia.

Hierarchy : number of linked objects
whatever the membership probability is (see description here) :

children : 1

Display criteria : All

Children

Identifiers (5) :

An access of full data is available using the icon Vizier near the identifier of the catalogue

TYC 2792-1700-1

HAT-P-16

Gaia DR2 381592313648387200

GSC 02792-01700

2MASS J00381756+4227470

Plots and Images

plot

radius 10 arcmin

CDS portal

CDS Simplay

(requires flash)

Aladin applet

http://simbad.u-strasbg.fr/simbad/sim-basic?Ident=HAT-P-16&submit=SIMBAD+search

1/2

References (43 between 1850 and 2019) (Total 43)

Simbad bibliographic survey began in 1850 for stars (at least bright stars) and in 1983 for all other objects (outside the solar system).

 [Follow](#) new references on this object

Reference summaries :

from: to:

or select by : (not exhaustive, [explanation here](#))

Collections of Measurements

☐ distance : **1** ☐ velocities : **1** ☐ ROT : **1** ☐ PM : **1** ☐ Fe_H : **2** ☐ PLX : **1**

External archives :

Link by name to the catalogue in [VizieR](#) :

[TYC 2792-1700-1](#)

[GSC 02792-01700](#)

[2MASS J00381756+4227470](#)

[Gaia DR2 381592313648387200](#)

Search by coordinates in [Vizier](#) (radius: 5 arcsec)

Annotations :

Annotations allow a user to add a note or report an error concerning the astronomical object and its data. It requires registration to post a note. See [description](#).

The list of all annotations to SIMBAD objects can be found [here](#).

Currently no annotations available

[add an annotation to this object](#)

[report an error concerning the data of this object](#)