

# HD27022

other query modes :

- Identifier query
- Coordinate query
- Criteria query
- Reference query
- Basic query
- Script submission
- TAP
- Output options
- Object types
- Help

Query : HD27022

## Basic data :

### HD 27022 -- Star

Other object types: \* (HD,AG,...), RG\* (2021ApJ), X (1RXS), UV (TD1), NIR (2MASS), IR (IRAS)

ICRS coord. (ep=J2000) : 04 20 40.3256358240 +65 08 25.589310792 (Optical) [ 0.0314 0.0401 90 ] A 2020yCat.1350....0G

FK5 coord. (ep=J2000 eq=2000) : 04 20 40.3295532888 +65 08 25.575072302 [ 0.0314 0.0401 90 ]

FK4 coord. (ep=B1950 eq=1950) : 04 15 56.9434504589 +65 01 15.717324302 [ 0.0314 0.0401 90 ]

Gal coord. (ep=J2000) : 142.7178476528057 +10.6597311806420 [ 0.0314 0.0401 90 ]

Proper motions mas/yr : -28.439 -4.485 [0.032 0.054 90] A 2020yCat.1350....0G

Radial velocity / Redshift / cz : V(km/s) -19.574 [0.0020] / z(spectroscopic) -0.000065 [0.000000] / cz -19.57 [0.00] (Opt) A 2018A&A...616A...7S

Parallaxes (mas) : 9.4068 [0.0643] A 2020yCat.1350....0G

Spectral type: G4III B 1989ApJS...71..245K

Fluxes (9) :

- U 6.55 [~] C 2002yCat.2237....0D
- B 6.08 [~] C 2002yCat.2237....0D
- V 5.27 [~] C 2002yCat.2237....0D
- R 4.63 [~] C 2002yCat.2237....0D
- G 5.049634 [0.002792] C 2020yCat.1350....0G
- I 4.20 [~] C 2002yCat.2237....0D
- J 3.91 [~] C 2002yCat.2237....0D
- H 3.457 [0.246] D 2003yCat.2246....0C
- K 3.41 [~] C 2002yCat.2237....0D

SIMBAD Query around

All (C)

Send to

Photometry with

## Identifiers (28) :

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

- |                  |                         |                       |                             |
|------------------|-------------------------|-----------------------|-----------------------------|
| HD 27022         | GSC 04073-01392         | PPM 14767             | TYC 4073-1392-1             |
| AG+65 247        | HIC 20266               | ROT 626               | UBV 4145                    |
| BD+64 433        | HIP 20266               | 1RXS J042039.6+650830 | UBV M 10052                 |
| FK5 2315         | HR 1327                 | SAO 13098             | uvby98 100027022            |
| GC 5199          | IRAS 04159+6501         | SKY# 6663             | WEB 3873                    |
| GCRV 2471        | JP11 872                | TD1 2973              | Gaia DR2 477209491229638528 |
| GEN# +1.00027022 | 2MASS J04204033+6508255 | TIC 84982715          | Gaia DR3 477209491229638528 |

## References (5 between 2021 and 2026) (Total 160)

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

- Velocities : 7
- Distance : 2
- Rot : 4
- Fe/H : 16
- P1x : 4
- PM : 4
- SpT : 17

## Velocities (7)

typ	Value	R	m.e.	A (Nmes)	na, Q, dom ,	res	D	Obs.date	Rem.	Or	Reference
v	-19.574		0.0020	( )	s , A, 0 ,						2018A&A...616A...7S

## Distance (2)

distance Q unit	err-	err+	method	reference
106.306 pc	-0.7267	+0.7267	paral	2020yCat.1350...0G

## Rot (4)

vsini [ err ] (mes)	Q	reference
0.5 [ 1.4 ] ( )		2005yCat.3244...0G

## Fe/H (16)

Teff log.g	Fe_H c	CompStar	CatNo	Reference
5304 2.68	0.04	SUN		2022A&A...663A...4S

## Plx (4)

plx : m.e R	reference
9.4068 : 0.0643	2020yCat.1350...0G

## PM (4)

pm-ra [ m.e ]	pm-de [ m.e ]	syst	reference
-28.439 [ 0.032 ]	-4.485 [ 0.054 ]	ICRS	2020yCat.1350...0G

## SpT (17)

ds/mss	Spectral type	reference
m   /	G5III	2009A&A...508.1313F

## External archives :

Archive data at [HEASARC - High-Energy Astrophysics Science Archive Research Center](#)

Data at [NED - NASA/IPAC Extragalactic Database](#) : HD27022

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

<a href="#">HD 27022</a>	<a href="#">AG+65 247</a>	<a href="#">BD+64 433</a>	<a href="#">FK5 2315</a>	<a href="#">GSC 04073-01392</a>
<a href="#">HIC 20266</a>	<a href="#">HIP 20266</a>	<a href="#">HR 1327</a>	<a href="#">IRAS 04159+6501</a>	<a href="#">2MASS J04204033+6508255</a>
<a href="#">PPM 14767</a>	<a href="#">1RXS J042039.6+650830</a>	<a href="#">SAO 13098</a>	<a href="#">TD1 2973</a>	<a href="#">TYC 4073-1392-1</a>
<a href="#">uvby98 100027022</a>	<a href="#">Gaia DR2 477209491229638528</a>	<a href="#">Gaia DR3 477209491229638528</a>		

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](#). Please, have a look at [Best practices](#). 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](#)

