

HD34029


other query modes :

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Query : HD34029

Basic data :

* alf Aur -- Spectroscopic Binary

Other object types:  RS* (), * (*,AG,...), X (1E,2E,...), ** (**,ADS,...), SB* (2004A&A,CABS,...), UV (CEL,2EUVE,...), PM* (Ci,LSPM,...), V* (CSV,NSV,...), IR (IRAS,IRC,...), NIR (2MASS)

ICRS coord. ($ep=J2000$) : 05 16 41.35871 +45 59 52.7693 (Optical) [4.75 2.47 90] A 2007A&A...474..653V

FK5 coord. ($ep=J2000 eq=2000$) : 05 16 41.36111 +45 59 52.7515 [4.75 2.47 90]

FK4 coord. ($ep=B1950 eq=1950$) : 05 12 59.47233 +45 56 57.9434 [4.75 2.47 90]

Gal coord. ($ep=J2000$) : 162.58847600 +04.56643053 [4.75 2.47 90]

Proper motions mas/yr : 75.25 -426.89 [0.54 0.28 0] A 2007A&A...474..653V


Radial velocity / Redshift / cz : V(km/s) 29.19 [0.07] / z(~) 0.000097 [0.000000] / cz 29.19 [0.07] A 2004MNRAS.349.1069K

Parallaxes (mas): 76.20 [0.46] A 2007A&A...474..653V


Spectral type: G3III: C 1989ApJS...71..245K


Fluxes (8) :
 U 1.33 [~] C 1966CoLPL...4...99J
 B 0.88 [~] C 1966CoLPL...4...99J
 V 0.08 [~] C 1966CoLPL...4...99J
 R -0.52 [~] C 1966CoLPL...4...99J
 I -0.96 [~] C 1966CoLPL...4...99J
 J -1.29 [~] C 1966CoLPL...4...99J
 H -1.72 [~] C 2002yCat.2237....0D
 K -1.78 [~] C 1966CoLPL...4...99J


SIMBAD Query around within 2

Overlay  points in th

2MASS DSS SDSS
































All  (CDSPortal)

Send to 

 Photometry within 5

Identifiers (75) :

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

* alf Aur	2E 1239 	LSPM J0516+4559 	SBC7 214
* 13 Aur	2EUVE J0516+45.9	LTT 11619	SBC9 306
** ANJ 1	EUVE J0516+45.9 	2MASS J05164138+4559525 	SKY# 8333
** FRH 1A	FK5 193 	N30 1121	SV* ZI 360
ADS 3841 AP	GC 6427	NAME Capella	TD1 4244 
AG+45 512 	GCRV 3121	NLTT 14766 	TIC 368326352
ASCC 317037	GEN# +1.00034029	NSV 1897 	TYC 3358-3141-1 
BD+45 1077 	GJ 194 	PLX 1187 	UBV 5009
CABS 51 	GJ 194 A 	PMC 90-93 139	USNO-B1.0 1359-00140245 
CCABS 42	GJ 194 B 	PMSC 05093+4553AB	uvby98 100034029 
CCDM J05168+4559AP 	HD 34029 	PPM 47925 	VVO 236
CEL 586 	H 0513+45	RAFGL 713 	WDS J05167+4600Aa, Ab 
Ci 20 321	HIC 24608 	2RE J051640+455955 	WDS J05167+4600A 
CNSS 1318	HIP 24608 	2RE J0516+455	WEB 4762
CSI+45 1077 1	HR 1708 	RE J051640+455929	YPAC 23
CSI+45-05130	IDS 05093+4554 AP	RE J0516+455	[FS2003] 0255
CSV 100460	IRAS 05130+4556 	RX J0516.7+4559	[HFE83] 366
1E 051259+4556.7	IRC +50139 	1RXS J051642.2+460001 	AAVSO 0509+45
2E 0513.0+4556	JP11 1010	SAO 40186 	

References (54 between 2021 and 2026) (Total 1207)

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:

Display or select by : (not exhaustive, explanation here) In table Title|Abstract|Keyword Score

Collections of Measurements ?

Velocities : 17 Distance : 1 Rot : 6 Fe/H : 7 Plx : 3 PM : 3 SpT : 2

display selected measurements display all measurements clear

Velocities (17)

typ	Value	R	m.e.	A (Nmes)	na, Q, dom ,	res	D	Obs.date	Rem.	Or	Reference
v	29.5			()	s , , ,						1995A&AS..114..269D

Distance (1)

distance	Q	unit	err-	err+	method	reference
13.0		pc			paral	2010A&ARv..18...67T

Rot (6)

vsini	[err]	(mes)	Q	reference
35.0	[3.0]	()		2005yCat.3244...0G

Fe/H (7)

Teff	log.g	Fe_H	c	CompStar	CatNo	Reference
5205	2.50	-0.37		SUN		2022A&A...663A...4S

Plx (3)

plx	:	m.e	R	reference
76.670	:	0.170		2010A&ARv..18...67T

PM (3)

pm-ra	[m.e]	pm-de	[m.e]	syst	reference
+75.25	[0.54]	-426.89	[0.28]	ICRS	2007A&A...474..653V

SpT (2)

ds/mss	Spectral type	reference
/	G0	1993yCat.3135...0C

Observing logs

ISO : 2 IUE : 276 XMM : 13

display selected measurements display all measurements clear

ISO (2)

The 2 columns in *color* are computed by VizieR, and are *not part of the original data*.

Note: Quick-look images of the data, and specific documentation, are accessible by clicking on the TDT observation identifier

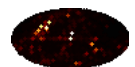
ISO Observation Log (ISO Data Centre, 2004) [ReadMe+ftp]
metaVI/111/isolog

VI/111/isolog
Post annotation

*The ISO Observation Log[image] (36737 rows) (Note)

start AladinLite

http://cdsportal.u-strasbg.fr/widgets/dataplot/dataplot.html?dataset_url_1=



Full	_r	TDT	AOT	minLam	maxLam	Target	oStart	oLen	recno	FOV	RAJ2000	DE
	arcmin			um	um		s	s		"	deg	d
1	0.007	83802204	PHT03	8.33	14.94	R*aAur	1998-03-03T01:27:20	228	34836	52" D	079.1723	+45.!
2	2.492	83802203	PHT03	8.33	14.94	R*aAur SKY	1998-03-03T01:22:42	228	34835	52" D	079.2319	+46.!

IUE (276)

|Homogenized Name: CompIID |PROG |CL|D CAM IMAGE A| FES MD|Obs.da Time |ExpTim|m|CEB|S| |Comments |F| reference |

 |HD 34029 : |XSBAD|45|L SWP 07103 L|16804 FU|791106 104400|000100|M|501|G|C=210,B=30 |*|1996IUEML.C.....0I|

XMM (13)

The 3 columns in *color* are computed by VizieR, and are *not part of the original data*.

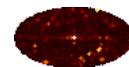
XMM-Newton Observation Log (XMM-Newton Science Operation Center, 2012-) [ReadMe+ftp]

2002yCat....102009X

B/xmm/xmmlog
 Post annotation

metaB/xmm/xmmlog

The XMM-Newton Observation log (2025-12-15)[image/fits] (18675 rows)



start AladinLite

http://cdsportal.u-strasbg.fr/widgets/dataplot/dataplot.html?dataset_url_1=

Full	_r	Obsno	PropDate	Object	RAJ2000	DEJ2000	Obs0	ObsDur	Image	PPSp	FITS	XSAlink
	arcmin		s		deg	deg	s	s				
1	0.0007	0134720401	2002-10-05	Capella	079.17234	+45.99800	2002-10-05T18:56:28	32909	FITS	PPSp	0134720401	Y
2	0.0007	0134720801	2004-04-01	Capella	079.17234	+45.99800	2004-04-01T19:59:01	62848	N	PPSp	0134720801	Y
3	0.0007	0134721501	2004-09-10	Capella	079.17234	+45.99800	2004-09-10T20:14:17	70817	FITS	PPSp	0134721501	Y
4	0.1495	0134721001	2004-04-02	Capella	079.16879	+45.99758	2004-04-02T03:49:43	10006	N	PPSp	0134721001	Y
5	0.1503	0134720901	2004-04-01	Capella	079.17588	+45.99842	2004-04-01T23:24:40	13378	FITS	PPSp	0134720901	Y
6	0.2920	0134721201	2004-04-02	Capella	079.16543	+45.99714	2004-04-02T13:06:21	1122	N	PPSp	0134721201	Y
7	0.3068	0134721101	2004-04-02	Capella	079.17959	+45.99883	2004-04-02T06:30:27	12800	N		0134721101	N
8	0.3593	0121920101	2003-08-21	Capella	079.17084	+46.00389	2000-03-25T11:36:59	55010	FITS	PPSp	0121920101	Y
9	0.3593	0134720101	2001-03-15	Capella	079.17084	+46.00389	2001-03-15T19:19:40	30705	FITS	PPSp	0134720101	Y
10	1.4169	0119700601	2002-02-28	Capella_offset	079.17346	+45.97439	2000-03-03T11:42:21	1607	N	PPSp	0119700601	Y
11	1.4169	0119700201	2002-02-22	Capella_offset	079.17346	+45.97439	2000-03-03T12:22:29	14008	N	PPSp	0119700201	Y
12	4.9756	0121500301	2001-05-08	Capella -5 arcmin	079.29000	+46.01200	2000-03-23T21:25:35	19608	FITS	PPSp	0121500301	Y
13	5.0551	0121500401	2001-05-08	Capella +5 arcmin	079.05300	+45.98300	2000-03-24T06:18:03	20015	FITS	PPSp	0121500401	Y

External archives :

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

Data at [NED - NASA/IPAC Extragalactic Database](#) : HD34029

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

AG+45 512	BD+45 1077	CABS 51	CCDM J05168+4559AP	CEL 586
2E 1239	EUVE J0516+45.9	FK5 193	GJ 194	GJ 194 A
GJ 194 B	HD 34029	HIC 24608	HIP 24608	HR 1708
IRAS 05130+4556	IRC +50139	LSPM J0516+4559	2MASS J05164138+4559525	NLTT 14766
NSV 1897	PLX 1187	PPM 47925	RAFGL 713	2RE J051640+455955
2RE J0516+455	1RXS J051642.2+460001	SAO 40186	TD1 4244	TYC 3358-3141-1
USNO-B1.0 1359-00140245	uvby98 100034029	WDS J05167+4600Aa,Ab	WDS J05167+4600A	

Search by coordinates in [Vizier](#) (radius: 9 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](#) .

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