

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
28 ω Psc	9072	00 00 03.4	+06 56 37	6	4.01	+0.06	+0.42	F3 V
ϵ Tuc	9076	00 00 39.6	-65 29 47		4.50	-0.28	-0.08	B9 IV
θ Oct	9084	00 02 19.3	-76 59 09		4.78	+1.41	+1.27	K2 III
30 YY Psc	9089	00 02 42.2	-05 56 01		4.41	+1.83	+1.63	M3 III
2 Cet	9098	00 04 28.9	-17 15 19		4.55	-0.12	-0.05	B9 IV
33 BC Psc	3	00 06 04.7	-05 37 36	6	4.61	+0.89	+1.04	K0 III-IV
21 α And	15	00 09 08.4	+29 10 14	d6	2.06	-0.46	-0.11	B9p Hg Mn
11 β Cas	21	00 09 57.6	+59 13 47	svd6	2.27	+0.11	+0.34	F2 III
ϵ Phe	25	00 10 08.6	-45 40 03		3.88	+0.84	+1.03	K0 III
22 And	27	00 11 04.8	+46 09 10		5.03	+0.25	+0.40	F0 II
κ^2 Scl	34	00 12 18.5	-27 43 09	d	5.41	+1.46	+1.34	K5 III
θ Scl	35	00 12 28.1	-35 03 07		5.25		+0.44	F3/5 V
88 γ Peg	39	00 13 59.1	+15 15 51	svd6	2.83	-0.87	-0.23	B2 IV
89 χ Peg	45	00 15 21.3	+20 17 14	as	4.80	+1.93	+1.57	M2+ III
7 AE Cet	48	00 15 22.5	-18 51 09		4.44	+1.99	+1.66	M1 III
25 σ And	68	00 19 05.3	+36 51 56	6	4.52	+0.07	+0.05	A2 Va
8 ι Cet	74	00 20 10.0	-08 44 37	d	3.56	+1.25	+1.22	K1 IIIb
ζ Tuc	77	00 20 49.1	-64 47 23		4.23	+0.02	+0.58	F9 V
41 Psc	80	00 21 20.7	+08 16 14		5.37	+1.55	+1.34	K3- III Ca 1 CN 0.5
27 ρ And	82	00 21 53.3	+38 02 56		5.18	+0.05	+0.42	F6 IV
R And	90	00 24 48.2	+38 39 26	svd	7.39	+1.25	+1.97	S5/4.5e
β Hyi	98	00 26 29.6	-77 10 22		2.80	+0.11	+0.62	G1 IV
κ Phe	100	00 26 54.8	-43 35 58		3.94	+0.11	+0.17	A5 Vn
α Phe	99	00 26 59.9	-42 13 38	67	2.39	+0.88	+1.09	K0 IIIb
	118	00 31 06.1	-23 42 27	6	5.19		+0.12	A5 Vn
λ^1 Phe	125	00 32 06.7	-48 43 25	d6	4.77	+0.04	+0.02	A1 Va
β^1 Tuc	126	00 32 12.2	-62 52 43	d6	4.37	-0.17	-0.07	B9 V
15 κ Cas	130	00 33 50.1	+63 00 42	s6	4.16	-0.80	+0.14	B0.7 Ia
29 π And	154	00 37 39.6	+33 47 56	d6	4.36	-0.55	-0.14	B5 V
17 ζ Cas	153	00 37 47.2	+53 58 35		3.66	-0.87	-0.20	B2 IV
	157	00 38 08.1	+35 28 45	s	5.42	+0.45	+0.88	G2 Ib-II
30 ϵ And	163	00 39 19.5	+29 23 25		4.37	+0.47	+0.87	G6 III Fe-3 CH 1
31 δ And	165	00 40 06.4	+30 56 25	sd6	3.27	+1.48	+1.28	K3 III
18 α Cas	168	00 41 20.3	+56 37 00	d	2.23	+1.13	+1.17	K0- IIIa
μ Phe	180	00 42 00.5	-46 00 20		4.59	+0.72	+0.97	G8 III
η Phe	191	00 44 00.1	-57 23 01	d	4.36	-0.02	0.00	A0.5 IV
16 β Cet	188	00 44 19.0	-17 54 26		2.04	+0.87	+1.02	G9 III CH-1 CN 0.5 Ca 1
22 σ Cas	193	00 45 32.4	+48 21 49	d6	4.54	-0.51	-0.07	B5 III
34 ζ And	215	00 48 06.6	+24 20 45	vd6	4.06	+0.90	+1.12	K0 III
λ Hyi	236	00 49 05.3	-74 50 41		5.07	+1.68	+1.37	K5 III
63 δ Psc	224	00 49 26.2	+07 39 50	d	4.43	+1.86	+1.50	K4.5 IIIb
64 Psc	225	00 49 44.6	+17 01 07	d6	5.07	0.00	+0.51	F7 V
24 η Cas	219	00 49 59.5	+57 53 30	sd6	3.44	+0.01	+0.57	F9 V
35 ν And	226	00 50 37.1	+41 09 27	6	4.53	-0.58	-0.15	B5 V
19 ϕ^2 Cet	235	00 50 51.2	-10 33 59		5.19	-0.02	+0.50	F8 V
	233	00 51 37.2	+64 19 34	cd6	5.39	+0.14	+0.49	G0 III-IV + B9.5 V
20 Cet	248	00 53 45.0	-01 03 57		4.77	+1.93	+1.57	M0- IIIa
λ^2 Tuc	270	00 55 32.6	-69 26 56		5.45	+1.00	+1.09	K2 III
37 μ And	269	00 57 33.8	+38 34 40	d	3.87	+0.15	+0.13	A5 IV-V
27 γ Cas	264	00 57 35.7	+60 47 42	d6	2.47	-1.08	-0.15	B0 IVnpe (shell)

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H3

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		h m s	° ' "					
38 η And	271	00 57 59.0	+23 29 44	d6	4.42	+0.69	+0.94	G8- IIIb
68 Psc	274	00 58 37.4	+29 04 13		5.42		+1.08	gG6
α Scl	280	00 59 18.2	-29 16 46	s6	4.31	-0.56	-0.16	B4 Vp
σ Scl	293	01 03 07.9	-31 28 27		5.50	+0.13	+0.08	A2 V
71 ϵ Psc	294	01 03 41.9	+07 58 04		4.28	+0.70	+0.96	G9 III Fe-2
β Phe	322	01 06 43.7	-46 38 27	d7	3.31	+0.57	+0.89	G8 III
ι Tuc	332	01 07 52.9	-61 41 53		5.37		+0.88	G5 III
ν Phe	331	01 08 27.5	-41 24 35	d	5.21	+0.09	+0.16	A3 IV/V
ζ Phe	338	01 08 59.5	-55 10 07	vd6	3.92	-0.41	-0.08	B7 V
30 μ Cas	321	01 09 14.9	+54 59 28	d6	5.17	+0.09	+0.69	G5 Vb
31 η Cet	334	01 09 19.2	-10 06 21	d	3.45	+1.19	+1.16	K2- III CN 0.5
42 ϕ And	335	01 10 21.0	+47 19 07	d7	4.25	-0.34	-0.07	B7 III
43 β And	337	01 10 32.9	+35 41 49	ad	2.06	+1.96	+1.58	M0+ IIIa
	285	01 11 00.5	+86 20 03		4.25	+1.33	+1.21	K2 III
33 θ Cas	343	01 11 59.7	+55 13 36	d6	4.33	+0.12	+0.17	A7m
84 χ Psc	351	01 12 14.2	+21 06 41		4.66	+0.82	+1.03	G8.5 III
83 τ Psc	352	01 12 27.8	+30 09 58	6	4.51	+1.01	+1.09	K0.5 IIIb
86 ζ Psc	361	01 14 29.4	+07 39 06	d67	5.24	+0.09	+0.32	F0 Vn
89 Psc	378	01 18 32.9	+03 41 26	6	5.16	+0.08	+0.07	A3 V
90 ν Psc	383	01 20 16.0	+27 20 24	6	4.76	+0.10	+0.03	A2 IV
34 ϕ Cas	382	01 21 00.3	+58 18 27	sd6	4.98	+0.49	+0.68	F0 Ia
46 ξ And	390	01 23 12.0	+45 36 16	6	4.88	+0.99	+1.08	K0- IIIb
45 θ Cet	402	01 24 44.9	-08 06 32	d	3.60	+0.93	+1.06	K0 IIIb
37 δ Cas	403	01 26 46.6	+60 18 37	sd6	2.68	+0.12	+0.13	A5 IV
36 ψ Cas	399	01 26 58.6	+68 12 19	d	4.74	+0.94	+1.05	K0 III CN 0.5
94 Psc	414	01 27 28.8	+19 18 55		5.50	+1.05	+1.11	gK1
48 ω And	417	01 28 31.8	+45 28 52	d	4.83	0.00	+0.42	F5 V
γ Phe	429	01 28 59.6	-43 14 40	v6	3.41	+1.85	+1.57	M0- IIIa
48 Cet	433	01 30 17.8	-21 33 17	d7	5.12	+0.04	+0.02	A1 Va
δ Phe	440	01 31 51.2	-48 59 52		3.95	+0.70	+0.99	G9 III
99 η Psc	437	01 32 15.7	+15 25 12	d	3.62	+0.75	+0.97	G7 IIIa
50 ν And	458	01 37 39.2	+41 28 39	d6	4.09	+0.06	+0.54	F8 V
α Eri	472	01 38 15.1	-57 09 48		0.46	-0.66	-0.16	B3 Vnp (shell)
51 And	464	01 38 53.4	+48 42 04		3.57	+1.45	+1.28	K3- III
40 Cas	456	01 39 42.2	+73 06 48	d	5.28	+0.72	+0.96	G7 III
106 ν Psc	489	01 42 11.3	+05 33 38		4.44	+1.57	+1.36	K3 IIIb
π Scl	497	01 42 47.8	-32 15 16		5.25	+0.79	+1.05	K1 II/III
	500	01 43 27.5	-03 37 04		4.99	+1.58	+1.38	K3 II-III
ϕ Per	496	01 44 34.7	+50 45 40	6	4.07	-0.93	-0.04	B2 Vep
52 τ Cet	509	01 44 44.5	-15 51 42	d	3.50	+0.21	+0.72	G8 V
110 o Psc	510	01 46 09.7	+09 13 49	s	4.26	+0.71	+0.96	G8 III
ϵ Scl	514	01 46 19.5	-24 58 50	d7	5.31	+0.02	+0.39	F0 V
	513	01 46 43.0	-05 39 40	s	5.34	+1.88	+1.52	K4 III
53 χ Cet	531	01 50 17.9	-10 36 55	d	4.67	+0.03	+0.33	F2 IV-V
55 ζ Cet	539	01 52 10.6	-10 15 50	d6	3.73	+1.07	+1.14	K0 III
2 α Tri	544	01 53 54.7	+29 38 56	dv6	3.41	+0.06	+0.49	F6 IV
ψ Phe	555	01 54 13.5	-46 13 56	6	4.41	+1.70	+1.59	M4 III
111 ξ Psc	549	01 54 18.5	+03 15 31	6	4.62	+0.72	+0.94	G9 IIIb Fe-0.5
ϕ Phe	558	01 54 58.1	-42 25 34	6	5.11	-0.15	-0.06	Ap Hg
η^2 Hyi	570	01 55 18.3	-67 34 35		4.69	+0.64	+0.95	G8.5 III

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6 β Ari	553	01 55 26.6	+20 52 42	d6	2.64	+0.10	+0.13	A4 V
45 ϵ Cas	542	01 55 27.2	+63 44 27		3.38	-0.60	-0.15	B3 IV:p (shell)
χ Eri	566	01 56 31.3	-51 32 14	d7	3.70	+0.46	+0.85	G8 III-IV CN-0.5 H δ 0.5
α Hyi	591	01 59 13.6	-61 29 59		2.86	+0.14	+0.28	F0n III-IV
59 ν Cet	585	02 00 41.3	-21 00 29		4.00	+1.91	+1.57	M0 IIIb
113 α Psc	596	02 02 47.9	+02 50 00	vd6	4.18	-0.05	+0.03	A0p Si Sr
4 Per	590	02 03 16.6	+54 33 25	6	5.04	-0.32	-0.08	B8 III
50 Cas	580	02 04 42.1	+72 29 26	6	3.98	+0.03	-0.01	A1 Va
57 γ^1 And	603	02 04 47.7	+42 23 55	d6	2.26	+1.58	+1.37	K3- IIb
ν For	612	02 05 08.4	-29 13 40	v	4.69	-0.51	-0.17	B9.5p Si
13 α Ari	617	02 07 59.6	+23 31 49	a6	2.00	+1.12	+1.15	K2 IIIab
4 β Tri	622	02 10 24.7	+35 03 19	d6	3.00	+0.10	+0.14	A5 IV
μ For	652	02 13 32.8	-30 39 23		5.28	-0.06	-0.02	A0 Va ⁺ nn
65 ξ^1 Cet	649	02 13 46.2	+08 54 51	d6	4.37	+0.60	+0.89	G7 II-III Fe-1
	645	02 14 34.7	+51 07 57	d6	5.31	+0.62	+0.93	G8 III CN 1 CH 0.5 Fe-1
	641	02 14 43.7	+58 37 40	s	6.44	+0.23	+0.60	A3 Iab
ϕ Eri	674	02 17 01.6	-51 26 44	d	3.56	-0.39	-0.12	B8 V
67 Cet	666	02 17 42.5	-06 21 21		5.51	+0.76	+0.96	G8.5 III
9 γ Tri	664	02 18 10.9	+33 54 49		4.01	+0.02	+0.02	A0 IV-Vn
68 o Cet	681	02 20 04.8	-02 54 45	vd	2 - 10	+1.09	+1.42	M5.5-9e III + pec
62 And	670	02 20 13.4	+47 26 46		5.30	0.00	-0.01	A1 V
δ Hyi	705	02 22 00.7	-68 35 37		4.09	+0.05	+0.03	A1 Va
κ Hyi	715	02 22 58.1	-73 34 49		5.01	+1.04	+1.09	K1 III
κ For	695	02 23 12.4	-23 45 03		5.20	+0.12	+0.60	G0 Va
λ Hor	714	02 25 18.3	-60 14 51		5.35	+0.06	+0.39	F2 IV-V
72 ρ Cet	708	02 26 39.1	-12 13 33		4.89	-0.07	-0.03	A0 III-IVn
κ Eri	721	02 27 31.0	-47 38 21	6	4.25	-0.50	-0.14	B5 IV
73 ξ^2 Cet	718	02 28 55.9	+08 31 28	6	4.28	-0.12	-0.06	A0 III-
12 Tri	717	02 29 01.2	+29 44 00		5.30	+0.10	+0.30	F0 III
ι Cas	707	02 30 16.8	+67 28 00	vd	4.52	+0.06	+0.12	A5p Sr
μ Hyi	776	02 31 24.2	-79 02 45		5.28	+0.73	+0.98	G8 III
76 σ Cet	740	02 32 46.5	-15 10 54		4.75	-0.02	+0.45	F4 IV
14 Tri	736	02 32 59.6	+36 12 39		5.15	+1.78	+1.47	K5 III
78 ν Cet	754	02 36 38.2	+05 39 21	d67	4.97	+0.56	+0.87	G8 III
	753	02 36 52.7	+06 57 19	sd6	5.82	+0.81	+0.98	K3- V
	743	02 39 26.6	+72 52 50		5.16	+0.58	+0.88	G8 III
32 ν Ari	773	02 39 38.6	+22 01 24	6	5.46	+0.16	+0.16	A7 V
ϵ Hyi	806	02 39 49.0	-68 12 18		4.11	-0.14	-0.06	B9 V
82 δ Cet	779	02 40 13.6	+00 23 25	v6	4.07	-0.87	-0.22	B2 IV
ζ Hor	802	02 41 06.7	-54 29 18	6	5.21	-0.01	+0.40	F4 IV
ι Eri	794	02 41 14.4	-39 47 38		4.11	+0.74	+1.02	K0.5 IIIb Fe-0.5
86 γ Cet	804	02 44 03.2	+03 17 46	d7	3.47	+0.07	+0.09	A2 Va
35 Ari	801	02 44 18.4	+27 46 05	6	4.66	-0.62	-0.13	B3 V
89 π Cet	811	02 44 48.8	-13 47 53	6	4.25	-0.45	-0.14	B7 V
14 Per	800	02 45 02.2	+44 21 28		5.43	+0.65	+0.90	G0 Ib Ca 1
13 θ Per	799	02 45 11.9	+49 17 20	d	4.12	0.00	+0.49	F7 V
87 μ Cet	813	02 45 43.7	+10 10 29	d6	4.27	+0.08	+0.31	F0m F2 V ⁺
1 τ^1 Eri	818	02 45 46.8	-18 30 43	6	4.47	0.00	+0.48	F5 V
1 α UMi	424	02 49 32.8	+89 19 33	vd6	2.02	+0.38	+0.60	F5-8 Ib
β For	841	02 49 41.8	-32 20 44	d	4.46	+0.69	+0.99	G8.5 III Fe-0.5

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41 Ari	838	02 50 50.5	+27 19 10	d6	3.63	-0.37	-0.10	B8 Vn
16 Per	840	02 51 30.3	+38 22 39	d	4.23	+0.08	+0.34	F1 V+
2 τ^2 Eri	850	02 51 41.8	-20 56 42	d	4.75	+0.63	+0.91	K0 III
15 η Per	834	02 51 45.9	+55 57 17	d6	3.76	+1.89	+1.68	K3- Ib-IIa
43 σ Ari	847	02 52 17.8	+15 08 28		5.49	-0.43	-0.09	B7 V
R Hor	868	02 54 21.7	-49 49 52	v	5 - 14	+0.43	+2.11	gM6.5e:
18 τ Per	854	02 55 17.7	+52 49 15	cd6	3.95	+0.46	+0.74	G5 III + A4 V
3 η Eri	874	02 57 08.2	-08 50 28		3.89	+1.00	+1.11	K1 IIIb
	875	02 57 21.1	-03 39 17	6	5.17	+0.05	+0.08	A3 Vn
θ^1 Eri	897	02 58 48.7	-40 14 50	d6	3.24	+0.14	+0.14	A5 IV
24 Per	882	02 59 57.9	+35 14 25		4.93	+1.29	+1.23	K2 III
91 λ Cet	896	03 00 29.7	+08 57 52		4.70	-0.45	-0.12	B6 III
θ Hyi	939	03 02 17.9	-71 50 45	d7	5.53	-0.51	-0.14	B9 IVp
11 τ^3 Eri	919	03 03 01.9	-23 34 06		4.09	+0.08	+0.16	A4 V
92 α Cet	911	03 03 02.3	+04 08 45		2.53	+1.94	+1.64	M1.5 IIIa
μ Hor	934	03 03 57.4	-59 40 55		5.11	-0.03	+0.34	F0 IV-V
23 γ Per	915	03 05 51.3	+53 33 44	cd6	2.93	+0.45	+0.70	G5 III + A2 V
25 ρ Per	921	03 06 06.6	+38 53 44		3.39	+1.79	+1.65	M4 II
	881	03 08 08.0	+79 28 26	d6	5.49		+1.57	M2 IIIab
26 β Per	936	03 09 07.1	+41 00 38	cvd6	2.12	-0.37	-0.05	B8 V + F:
ι Per	937	03 10 07.3	+49 40 03	d	4.05	+0.12	+0.59	G0 V
27 κ Per	941	03 10 28.8	+44 54 41	d6	3.80	+0.83	+0.98	K0 III
57 δ Ari	951	03 12 27.7	+19 46 50		4.35	+0.87	+1.03	K0 III
α For	963	03 12 41.5	-28 55 52	d7	3.87	+0.02	+0.52	F6 V
TW Hor	977	03 12 55.3	-57 16 04	s	5.74	+2.83	+2.28	C6:,2.5 Ba2 Y4
94 Cet	962	03 13 30.9	-01 08 34	d7	5.06	+0.12	+0.57	G0 IV
58 ζ Ari	972	03 15 44.3	+21 05 50		4.89	-0.01	-0.01	A0.5 Va+
13 ζ Eri	984	03 16 32.3	-08 46 00	6	4.80	+0.09	+0.23	A5m:
29 Per	987	03 19 40.1	+50 16 27	s6	5.15	-0.06	-0.05	B3 V
96 κ Cet	996	03 20 07.4	+03 25 21	dasv	4.83	+0.19	+0.68	G5 V
16 τ^4 Eri	1003	03 20 09.7	-21 42 21	d	3.69	+1.81	+1.62	M3+ IIIa Ca-1
	1008	03 20 30.4	-43 00 54		4.27	+0.22	+0.71	G8 V
	999	03 21 13.2	+29 06 00		4.47	+1.79	+1.55	K3 IIIa Ba 0.5
61 τ Ari	1005	03 22 04.0	+21 11 54	dv	5.28	-0.52	-0.07	B5 IV
	961	03 22 13.4	+77 47 10	d	5.45	+0.11	+0.19	A5 III:
33 α Per	1017	03 25 21.9	+49 54 42	das	1.79	+0.37	+0.48	F5 Ib
1 o Tau	1030	03 25 35.7	+09 04 44	6	3.60	+0.61	+0.89	G6 IIIa Fe-1
	1009	03 25 57.0	+64 38 11		5.23	+2.06	+2.08	M0 II
	1029	03 26 59.6	+49 10 15	sv	6.09	-0.49	-0.07	B7 V
2 ξ Tau	1038	03 27 57.4	+09 46 56	d6	3.74	-0.33	-0.09	B9 Vn
κ Ret	1083	03 29 38.1	-62 53 12	d	4.72	-0.04	+0.40	F5 IV-V
	1035	03 30 15.3	+59 59 22	vd	4.21	-0.24	+0.41	B9 Ia
	1040	03 31 04.9	+58 55 40	as6	4.54	-0.11	+0.56	A0 Ia
17 Eri	1070	03 31 20.3	-05 01 35		4.73	-0.27	-0.09	B9 Vs
35 σ Per	1052	03 31 36.2	+48 02 39		4.36	+1.54	+1.35	K3 III
5 Tau	1066	03 31 40.5	+12 59 08	6	4.11	+1.02	+1.12	K0- II-III Fe-0.5
18 ϵ Eri	1084	03 33 36.9	-09 24 36	das	3.73	+0.59	+0.88	K2 V
19 τ^5 Eri	1088	03 34 25.7	-21 35 06	6	4.27	-0.35	-0.11	B8 V
20 EG Eri	1100	03 36 57.1	-17 25 11	dv	5.23	-0.49	-0.13	B9p Si
37 ψ Per	1087	03 37 31.6	+48 14 23		4.23	-0.57	-0.06	B5 Ve

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
10 Tau	1101	03 37 36.9	+00 26 49		4.28	+0.07	+0.58	F9 IV-V
	1106	03 37 36.9	-40 13 39		4.58	+0.77	+1.04	K1 III
δ For	1134	03 42 49.5	-31 53 34	6	5.00	-0.60	-0.16	B5 IV
BD Cam	1105	03 43 25.6	+63 15 45	6	5.10	+1.82	+1.63	S3.5/2
23 δ Eri	1136	03 43 56.6	-09 42 55		3.54	+0.69	+0.92	K0+ IV
39 δ Per	1122	03 43 57.8	+47 49 58	d6	3.01	-0.51	-0.13	B5 III
β Ret	1175	03 44 23.1	-64 45 42	d6	3.85	+1.10	+1.13	K2 III
38 o Per	1131	03 45 13.9	+32 19 59	vd6	3.83	-0.75	+0.05	B1 III
24 Eri	1146	03 45 14.8	-01 07 06	6	5.25	-0.39	-0.10	B7 V
17 Tau	1142	03 45 44.4	+24 09 28	6	3.70	-0.40	-0.11	B6 III
19 Tau	1145	03 46 04.5	+24 30 42	d6	4.30	-0.46	-0.11	B6 IV
41 ν Per	1135	03 46 11.0	+42 37 24	d	3.77	+0.31	+0.42	F5 II
29 Tau	1153	03 46 26.8	+06 05 40	d6	5.35	-0.61	-0.12	B3 V
20 Tau	1149	03 46 41.5	+24 24 43	s6	3.87	-0.40	-0.07	B7 IIIp
26 π Eri	1162	03 46 49.7	-12 03 25		4.42	+2.01	+1.63	M2- IIIab
γ Hyi	1208	03 47 01.8	-74 11 39		3.24	+1.99	+1.62	M2 III
23 v971 Tau	1156	03 47 11.4	+23 59 33		4.18	-0.42	-0.06	B6 IV
27 τ ⁶ Eri	1173	03 47 28.3	-23 12 28		4.23	0.00	+0.42	F3 III
25 η Tau	1165	03 48 21.0	+24 08 56	d	2.87	-0.34	-0.09	B7 IIIIn
	1195	03 49 59.8	-36 09 25		4.17	+0.69	+0.95	G7 IIIa
27 Tau	1178	03 50 01.6	+24 05 48	d6	3.63	-0.36	-0.09	B8 III
BE Cam	1155	03 50 51.8	+65 34 09		4.47	+2.13	+1.88	M2+ IIab
γ Cam	1148	03 51 54.7	+71 22 30	d	4.63	+0.07	+0.03	A1 IIIIn
44 ζ Per	1203	03 55 02.8	+31 55 32	sd67	2.85	-0.77	+0.12	B1 Ib
34 γ Eri	1231	03 58 42.4	-13 28 05	d	2.95	+1.96	+1.59	M0.5 IIIb Ca-1
45 ε Per	1220	03 58 49.9	+40 03 04	sd67	2.89	-0.95	-0.20	B0.5 IV
δ Ret	1247	03 58 58.7	-61 21 34		4.56	+1.96	+1.62	M1 III
46 ξ Per	1228	03 59 54.6	+35 49 54	6	4.04	-0.92	+0.01	O7.5 IIIf
35 λ Tau	1239	04 01 29.1	+12 31 49	v6	3.47	-0.62	-0.12	B3 V
35 Eri	1244	04 02 16.2	-01 30 36		5.28	-0.55	-0.15	B5 V
38 ν Tau	1251	04 03 55.8	+06 01 43		3.91	+0.07	+0.03	A1 Va
37 Tau	1256	04 05 33.3	+22 07 14	d	4.36	+0.95	+1.07	K0 III
47 λ Per	1261	04 07 40.2	+50 23 21		4.29	-0.04	-0.02	A0 IIIIn
	1279	04 08 31.3	+15 12 02	sd6	6.01	+0.02	+0.40	F3 V
48 MX Per	1273	04 09 43.2	+47 45 00		4.04	-0.55	-0.03	B3 Ve
43 Tau	1283	04 10 00.8	+19 38 47		5.50		+1.07	K1 III
	1270	04 10 41.8	+59 56 43	s	6.32	+0.92	+1.16	G8 IIa
44 IM Tau	1287	04 11 43.0	+26 31 04	v	5.41	+0.06	+0.34	F2 IV-V
38 o ¹ Eri	1298	04 12 34.5	-06 48 02		4.04	+0.13	+0.33	F1 IV
α Hor	1326	04 14 29.0	-42 15 33		3.86	+1.00	+1.10	K2 III
α Ret	1336	04 14 36.9	-62 26 16	d6	3.35	+0.63	+0.91	G8 II-III
40 o ² Eri	1325	04 15 56.4	-07 37 52	d	4.43	+0.45	+0.82	K0.5 V
51 μ Per	1303	04 15 58.1	+48 26 41	d67	4.14	+0.64	+0.95	G0 Ib
49 μ Tau	1320	04 16 19.4	+08 55 40	6	4.29	-0.53	-0.06	B3 IV
γ Dor	1338	04 16 24.5	-51 27 02	v	4.25	+0.03	+0.30	F1 V+
48 Tau	1319	04 16 35.8	+15 26 09	sd	6.32	+0.02	+0.40	F3 V
ε Ret	1355	04 16 44.2	-59 16 04	d	4.44	+1.07	+1.08	K2 IV
41 Eri	1347	04 18 26.6	-33 45 49	d67	3.56	-0.37	-0.12	B9p Mn
54 γ Tau	1346	04 20 37.2	+15 39 42	d6	3.63	+0.82	+0.99	G9.5 IIIab CN 0.5
57 v483 Tau	1351	04 20 46.8	+14 04 09	sd6	5.59	+0.08	+0.28	F0 IV

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Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
	1367	04 21 17.0	-20 36 21		5.38		-0.02	A1 V
54 Per	1343	04 21 21.3	+34 36 02	d	4.93	+0.69	+0.94	G8 III Fe 0.5
	1327	04 22 02.9	+65 10 27	s	5.27	+0.47	+0.81	G5 IIb
η Ret	1395	04 22 02.9	-63 21 08		5.24	+0.69	+0.96	G8 III
61 δ Tau	1373	04 23 46.4	+17 34 32	d6	3.76	+0.82	+0.98	G9.5 III CN 0.5
63 Tau	1376	04 24 15.1	+16 48 36	cs6	5.64	+0.13	+0.30	F0m
42 ξ Eri	1383	04 24 24.2	-03 42 46	6	5.17	+0.08	+0.08	A2 V
43 Eri	1393	04 24 34.9	-33 59 02		3.96	+1.80	+1.49	K3.5 ⁻ IIIb
65 κ ¹ Tau	1387	04 26 14.1	+22 19 33	d6	4.22	+0.13	+0.13	A5 IV-V
68 v776 Tau	1389	04 26 19.8	+17 57 36	d6	4.29	+0.08	+0.05	A2 IV-Vs
71 v777 Tau	1394	04 27 10.4	+15 39 00	d6	4.49	+0.14	+0.25	F0n IV-V
69 υ Tau	1392	04 27 10.7	+22 50 43	d6	4.28	+0.14	+0.26	A9 IV ⁻ n
77 θ ¹ Tau	1411	04 29 24.3	+15 59 36	d6	3.84	+0.73	+0.95	G9 III Fe-0.5
74 ε Tau	1409	04 29 27.9	+19 12 41	d	3.53	+0.88	+1.01	G9.5 III CN 0.5
78 θ ² Tau	1412	04 29 29.5	+15 54 07	sd6	3.40	+0.13	+0.18	A7 III
δ Cae	1443	04 31 16.8	-44 55 24		5.07	-0.78	-0.19	B2 IV-V
50 υ ¹ Eri	1453	04 34 04.7	-29 44 17		4.51	+0.72	+0.98	K0 ⁺ III Fe-0.5
α Dor	1465	04 34 18.7	-55 00 55	vd7	3.27	-0.35	-0.10	A0p Si
86 ρ Tau	1444	04 34 40.4	+14 52 26	6	4.65	+0.08	+0.25	A9 V
52 υ ² Eri	1464	04 36 06.9	-30 32 00		3.82	+0.72	+0.98	G8.5 IIIa
88 Tau	1458	04 36 27.1	+10 11 22	d6	4.25	+0.11	+0.18	A5m
87 α Tau	1457	04 36 45.3	+16 32 14	sd6	0.85	+1.90	+1.54	K5 ⁺ III
R Dor	1492	04 36 55.9	-62 02 56	sd	5.40	+0.86	+1.58	M8e III:
48 υ Eri	1463	04 37 02.7	-03 19 26	vd6	3.93	-0.89	-0.21	B2 III
58 Per	1454	04 37 41.9	+41 17 36	c6	4.25	+0.82	+1.22	K0 II-III + B9 V
53 Eri	1481	04 38 50.7	-14 16 36	d67	3.87	+1.01	+1.09	K1.5 IIIb
90 Tau	1473	04 38 58.2	+12 32 20	d6	4.27	+0.13	+0.12	A5 IV-V
α Cae	1502	04 41 01.8	-41 50 12	d	4.45	+0.01	+0.34	F1 V
54 DM Eri	1496	04 41 04.6	-19 38 40	d	4.32	+1.81	+1.61	M3 II-III
β Cae	1503	04 42 34.3	-37 07 00		5.05	+0.04	+0.37	F2 V
94 τ Tau	1497	04 43 07.0	+22 59 01	d67	4.28	-0.57	-0.13	B3 V
57 μ Eri	1520	04 46 13.7	-03 13 45	6	4.02	-0.60	-0.15	B4 IV
4 Cam	1511	04 49 13.1	+56 46 53	d	5.30	+0.15	+0.25	Am
1 π ³ Ori	1543	04 50 37.7	+06 59 08	ad6	3.19	-0.01	+0.45	F6 V
	1533	04 50 53.4	+37 30 45		4.88	+1.70	+1.44	K3.5 III
2 π ² Ori	1544	04 51 24.2	+08 55 26	6	4.36	0.00	+0.01	A0.5 IVn
3 π ⁴ Ori	1552	04 51 58.8	+05 37 44	s6	3.69	-0.81	-0.17	B2 III
97 v480 Tau	1547	04 52 13.5	+18 51 48	d	5.10	+0.12	+0.21	A9 V ⁺
4 ο ¹ Ori	1556	04 53 21.3	+14 16 25	cv	4.74	+2.03	+1.84	S3.5/1 ⁻
61 ω Eri	1560	04 53 36.5	-05 25 46	6	4.39	+0.16	+0.25	A9 IV
η Men	1629	04 54 46.8	-74 54 50		5.47	+1.83	+1.52	K4 III
8 π ⁵ Ori	1567	04 55 00.5	+02 27 48	v6	3.72	-0.83	-0.18	B2 III
9 α Cam	1542	04 55 30.1	+66 21 55		4.29	-0.88	+0.03	O9.5 Ia
9 ο ² Ori	1580	04 57 11.3	+13 32 11	d	4.07	+1.11	+1.15	K2 ⁻ III Fe-1
3 ι Aur	1577	04 57 56.4	+33 11 16	a	2.69	+1.78	+1.53	K3 II
7 Cam	1568	04 58 27.2	+53 46 25	d67	4.47	-0.01	-0.02	A0m A1 III
10 π ⁶ Ori	1601	04 59 18.1	+01 44 07		4.47	+1.55	+1.40	K2 ⁻ II
7 ε Aur	1605	05 03 00.7	+43 50 36	vd6	2.99	+0.33	+0.54	A9 Ia
8 ζ Aur	1612	05 03 29.7	+41 05 44	cdv6	3.75	+0.38	+1.22	K5 II + B5 V
102 ι Tau	1620	05 03 57.8	+21 36 34		4.64	+0.15	+0.16	A7 IV

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
10 β Cam	1603	05 04 42.8	+60 27 42	d	4.03	+0.63	+0.92	G1 Ib-IIa
η^2 Pic	1663	05 05 20.6	-49 33 31		5.03	+1.88	+1.49	K5 III
11 v1032 Ori	1638	05 05 23.9	+15 25 23	v	4.68	-0.09	-0.06	A0p Si
ζ Dor	1674	05 05 45.7	-57 27 12		4.72	-0.04	+0.52	F7 V
2 ϵ Lep	1654	05 06 04.5	-22 21 09		3.19	+1.78	+1.46	K4 III
10 η Aur	1641	05 07 32.1	+41 15 10	a	3.17	-0.67	-0.18	B3 V
67 β Eri	1666	05 08 33.8	-05 04 07	d	2.79	+0.10	+0.13	A3 IVn
69 λ Eri	1679	05 09 50.5	-08 44 11		4.27	-0.90	-0.19	B2 IVn
16 Ori	1672	05 10 07.6	+09 50 50	d6	5.43	+0.16	+0.24	A9m
3 ι Lep	1696	05 12 58.5	-11 51 10	d	4.45	-0.40	-0.10	B9 V:
5 μ Lep	1702	05 13 35.0	-16 11 21	s	3.31	-0.39	-0.11	B9p Hg Mn
θ Dor	1744	05 13 45.0	-67 10 08		4.83	+1.39	+1.28	K2.5 IIIa
4 κ Lep	1705	05 13 54.1	-12 55 30	d7	4.36	-0.37	-0.10	B7 V
17 ρ Ori	1698	05 14 03.0	+02 52 39	d67	4.46	+1.16	+1.19	K1 III CN 0.5
11 μ Aur	1689	05 14 25.4	+38 30 01		4.86	+0.09	+0.18	A7m
19 β Ori	1713	05 15 14.1	-08 11 09	vdas6	0.12	-0.66	-0.03	B8 Ia
13 α Aur	1708	05 17 45.8	+46 00 40	cd67	0.08	+0.44	+0.80	G6 III + G2 III
o Col	1743	05 18 00.5	-34 52 54		4.83	+0.80	+1.00	K0/1 III/IV
20 τ Ori	1735	05 18 18.7	-06 49 47	sd6	3.60	-0.47	-0.11	B5 III
ζ Pic	1767	05 19 43.5	-50 35 27		5.45	+0.01	+0.51	F7 III-IV
15 λ Aur	1729	05 20 09.8	+40 06 38	d	4.71	+0.12	+0.63	G1.5 IV-V Fe-1
6 λ Lep	1756	05 20 14.6	-13 09 46		4.29	-1.03	-0.26	B0.5 IV
22 Ori	1765	05 22 30.2	-00 22 09	6	4.73	-0.79	-0.17	B2 IV-V
29 Ori	1784	05 24 38.8	-07 47 45		4.14	+0.69	+0.96	G8 III Fe-0.5
	1686	05 24 58.4	+79 14 40	d	5.05	-0.13	+0.47	F7 Vs
28 η Ori	1788	05 25 12.4	-02 23 05	cdv6	3.36	-0.92	-0.17	B1 IV + B
24 γ Ori	1790	05 25 54.6	+06 21 42	d6	1.64	-0.87	-0.22	B2 III
112 β Tau	1791	05 27 12.6	+28 37 06	sd	1.65	-0.49	-0.13	B7 III
115 Tau	1808	05 28 00.9	+17 58 25	d	5.42	-0.53	-0.10	B5 V
9 β Lep	1829	05 28 52.0	-20 44 56	d	2.84	+0.46	+0.82	G5 II
	1856	05 30 33.4	-47 04 04	d7	5.46	+0.21	+0.62	G3 IV
γ Men	1953	05 31 19.1	-76 19 47	d	5.19	+1.19	+1.13	K2 III
17 Cam	1802	05 31 32.6	+63 04 39		5.42	+2.00	+1.71	M1 IIIa
32 Ori	1839	05 31 33.6	+05 57 29	d7	4.20	-0.55	-0.14	B5 V
ϵ Col	1862	05 31 43.7	-35 27 38		3.87	+1.08	+1.14	K1 II/III
34 δ Ori	1852	05 32 44.9	-00 17 22	dv6	2.23	-1.05	-0.22	O9.5 II
119 CE Tau	1845	05 33 03.8	+18 36 14		4.38	+2.21	+2.07	M2 Iab-Ib
11 α Lep	1865	05 33 22.2	-17 48 46	das	2.58	+0.23	+0.21	F0 Ib
25 χ Aur	1843	05 33 40.4	+32 12 05	6	4.76	-0.46	+0.34	B5 Iab
β Dor	1922	05 33 45.2	-62 28 50	v	3.76	+0.55	+0.82	F7-G2 Ib
37 ϕ^1 Ori	1876	05 35 37.0	+09 29 54	d6	4.41	-0.97	-0.16	B0.5 IV-V
39 λ Ori	1879	05 35 56.2	+09 56 34	d	3.54	-1.03	-0.18	O8 IIIf
v1046 Ori	1890	05 36 04.9	-04 29 08	sdv6	6.55	-0.77	-0.13	B2 Vh
	1891	05 36 05.4	-04 24 57	ds	6.24	-0.70	-0.15	B2.5 V
44 ι Ori	1899	05 36 08.6	-05 54 05	ds6	2.77	-1.08	-0.24	O9 III
46 ϵ Ori	1903	05 36 57.0	-01 11 37	das6	1.70	-1.04	-0.19	B0 Ia
40 ϕ^2 Ori	1907	05 37 42.2	+09 17 51	s	4.09	+0.64	+0.95	K0 IIIb Fe-2
123 ζ Tau	1910	05 38 30.7	+21 09 01	s6	3.00	-0.67	-0.19	B2 IIIpe (shell)
48 σ Ori	1931	05 39 28.5	-02 35 34	d6	3.81	-1.01	-0.24	O9.5 V
α Col	1956	05 40 10.5	-34 04 02	d	2.64	-0.46	-0.12	B7 IV

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Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
50 ζ Ori	1948	05 41 29.5	-01 56 09	d6	2.03	-1.04	-0.21	O9.5 Ib
δ Dor	2015	05 44 48.0	-65 43 49		4.35	+0.12	+0.21	A7 V+n
13 γ Lep	1983	05 45 04.1	-22 26 40	d	3.60	0.00	+0.47	F7 V
27 o Aur	1971	05 47 01.5	+49 49 51		5.47	+0.07	+0.03	A0p Cr
14 ζ Lep	1998	05 47 36.8	-14 49 03	6	3.55	+0.07	+0.10	A2 Van
β Pic	2020	05 47 37.7	-51 03 42		3.85	+0.10	+0.17	A6 V
130 Tau	1990	05 48 17.0	+17 44 00		5.49	+0.27	+0.30	F0 III
53 κ Ori	2004	05 48 26.7	-09 39 56		2.06	-1.03	-0.17	B0.5 Ia
γ Pic	2042	05 50 05.5	-56 09 48		4.51	+0.98	+1.10	K1 III
	2049	05 51 12.9	-52 06 22		5.17	+0.72	+0.99	G8 III
β Col	2040	05 51 28.3	-35 45 49		3.12	+1.21	+1.16	K1.5 III
15 δ Lep	2035	05 51 56.7	-20 52 44		3.81	+0.68	+0.99	K0 III Fe-1.5 CH 0.5
32 ν Aur	2012	05 52 29.8	+39 09 05	d	3.97	+1.09	+1.13	K0 III CN 0.5
136 Tau	2034	05 54 14.4	+27 36 52	6	4.58	+0.03	-0.02	A0 IV
54 χ ¹ Ori	2047	05 55 14.6	+20 16 39	6	4.41	+0.07	+0.59	G0- V Ca 0.5
58 α Ori	2061	05 55 57.4	+07 24 31	ad6	0.50	+2.06	+1.85	M1-M2 Ia-Iab
30 ξ Aur	2029	05 56 03.8	+55 42 31		4.99	+0.12	+0.05	A1 Va
16 η Lep	2085	05 57 03.9	-14 09 58		3.71	+0.01	+0.33	F1 V
γ Col	2106	05 58 03.1	-35 16 57	d	4.36	-0.66	-0.18	B2.5 IV
60 Ori	2103	05 59 34.3	+00 33 12	d6	5.22	+0.01	+0.01	A1 Vs
η Col	2120	05 59 35.5	-42 48 54		3.96	+1.08	+1.14	G8/K1 II
34 β Aur	2088	06 00 35.6	+44 56 51	vd6	1.90	+0.05	+0.03	A1 IV
37 θ Aur	2095	06 00 42.6	+37 12 44	vd67	2.62	-0.18	-0.08	A0p Si
33 δ Aur	2077	06 00 43.3	+54 17 03	d	3.72	+0.87	+1.00	K0- III
35 π Aur	2091	06 01 00.7	+45 56 12		4.26	+1.83	+1.72	M3 II
61 μ Ori	2124	06 03 10.9	+09 38 46	d6	4.12	+0.11	+0.16	A5m:
62 χ ² Ori	2135	06 04 46.9	+20 08 13	asv	4.63	-0.68	+0.28	B2 Ia
1 Gem	2134	06 05 00.1	+23 15 40	d67	4.16	+0.53	+0.84	G5 III-IV
17 SS Lep	2148	06 05 38.0	-16 29 11	s6	4.93	+0.12	+0.24	Ap (shell)
67 ν Ori	2159	06 08 24.0	+14 45 56	d6	4.42	-0.66	-0.17	B3 IV
ν Dor	2221	06 08 38.7	-68 50 47		5.06	-0.21	-0.08	B8 V
	2180	06 09 34.5	-22 25 51		5.50		-0.01	A0 V
α Men	2261	06 09 48.5	-74 45 27		5.09	+0.33	+0.72	G5 V
δ Pic	2212	06 10 34.9	-54 58 20	v6	4.81	-1.03	-0.23	B0.5 IV
70 ξ Ori	2199	06 12 45.9	+14 12 16	d6	4.48	-0.65	-0.18	B3 IV
36 Cam	2165	06 14 18.5	+65 42 49	6	5.38	+1.47	+1.34	K2 II-III
5 γ Mon	2227	06 15 33.8	-06 16 49	d	3.98	+1.41	+1.32	K1 III Ba 0.5
7 η Gem	2216	06 15 45.2	+22 30 05	vd6	3.28	+1.66	+1.60	M2.5 III
44 κ Aur	2219	06 16 18.1	+29 29 29		4.35	+0.80	+1.02	G9 IIIb
κ Col	2256	06 17 04.1	-35 08 46		4.37	+0.83	+1.00	K0.5 IIIa
74 Ori	2241	06 17 15.5	+12 16 01	d	5.04	-0.02	+0.42	F4 IV
7 Mon	2273	06 20 24.7	-07 49 48	d6	5.27	-0.75	-0.19	B2.5 V
	2209	06 20 26.5	+69 18 45	6	4.80	0.00	+0.03	A0 IV+nn
1 ζ CMa	2282	06 20 52.2	-30 04 14	d6	3.02	-0.72	-0.19	B2.5 V
2 UZ Lyn	2238	06 20 54.1	+59 00 14		4.48	+0.03	+0.01	A1 Va
δ Col	2296	06 22 38.7	-33 26 40	6	3.85	+0.52	+0.88	G7 II
2 β CMa	2294	06 23 20.3	-17 57 50	svd6	1.98	-0.98	-0.23	B1 II-III
13 μ Gem	2286	06 23 50.3	+22 30 18	sd	2.88	+1.85	+1.64	M3 IIIab
α Car	2326	06 24 16.4	-52 42 15		-0.72	+0.10	+0.15	A9 II
8 Mon	2298	06 24 32.2	+04 35 04	d6	4.44	+0.13	+0.20	A6 IV

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Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
46	ψ^1 Aur	2305	06 24 50.9		5.22	+1.20	+1.24	K3 III
10	Mon	2289	06 26 00.9	6	4.91	+2.29	+1.97	K5-M0 Iab-Ib
	λ CMa	2344	06 28 40.5	d	5.06	-0.76	-0.17	B2 V
18	ν Gem	2361	06 28 42.5		4.48	-0.61	-0.17	B4 V
		2343	06 29 49.4	d6	4.15	-0.48	-0.13	B6 III
4	ξ^1 CMa	2387	06 32 27.6	vd6	4.33	-0.99	-0.24	B1 III
		2392	06 33 27.7	ds6	6.24	+0.78	+1.11	G9.5 III: Ba 3
13	Mon	2385	06 33 41.3		4.50	-0.18	0.00	A0 Ib-II
		2395	06 34 22.1		5.10	-0.56	-0.14	B5 Vn
		2435	06 35 17.8		4.39	-0.15	-0.02	A0 II
5	ξ^2 CMa	2414	06 35 39.9		4.54	-0.03	-0.05	A0 III
7	ν^2 CMa	2429	06 37 19.0		3.95	+1.01	+1.06	K1.5 III-IV Fe 1
	ν Pup	2451	06 38 12.3	6	3.17	-0.41	-0.11	B8 III _n
8	ν^3 CMa	2443	06 38 31.7	d	4.43	+1.04	+1.15	K0.5 III
24	γ Gem	2421	06 38 32.9	d6	1.93	+0.04	0.00	A1 IVs
15	S Mon	2456	06 41 46.6	das6	4.66	-1.07	-0.25	O7 Vf
30	Gem	2478	06 44 48.3	d	4.49	+1.16	+1.16	K0.5 III CN 0.5
27	ϵ Gem	2473	06 44 49.4	das6	2.98	+1.46	+1.40	G8 Ib
		2513	06 45 46.2	s	6.57		+1.08	G5 Iab
9	α CMa	2491	06 45 47.0	od6	-1.46	-0.05	0.00	A0m A1 Va
31	ξ Gem	2484	06 46 06.2		3.36	+0.06	+0.43	F5 IV
56	ψ^5 Aur	2483	06 47 47.0	d	5.25	+0.05	+0.56	G0 V
		2518	06 47 51.2	d	5.26	-0.25	-0.08	B8/9 V
	α Pic	2550	06 48 20.3		3.27	+0.13	+0.21	A6 Vn
18	Mon	2506	06 48 37.0	6	4.47	+1.04	+1.11	K0+ IIIa
		2401	06 48 41.0	6	5.45	-0.02	+0.50	F8 V
57	ψ^6 Aur	2487	06 48 45.8		5.22	+1.04	+1.12	K0 III
	v415 Car	2554	06 50 10.2	6	4.40	+0.61	+0.92	G4 II
	τ Pup	2553	06 50 17.8	6	2.93	+1.21	+1.20	K1 III
13	κ CMa	2538	06 50 23.0		3.96	-0.92	-0.23	B1.5 IVne
	ι Vol	2602	06 51 16.8		5.40	-0.38	-0.11	B7 IV
	v592 Mon	2534	06 51 24.2	sv	6.29	+0.02	0.00	A2p Sr Cr Eu
34	θ Gem	2540	06 53 44.6	d6	3.60	+0.14	+0.10	A3 III-IV
16	ϕ^1 CMa	2580	06 54 44.1	s	3.87	+1.99	+1.73	K2 Iab
14	θ CMa	2574	06 54 51.8		4.07	+1.70	+1.43	K4 III
	NP Pup	2591	06 54 54.1	s	6.32	+2.79	+2.24	C5,2,5
43	Cam	2511	06 55 15.6		5.12	-0.43	-0.13	B7 III
20	ι CMa	2596	06 56 47.0		4.37	-0.70	-0.07	B3 II
15	Lyn	2560	06 58 31.7	d7	4.35	+0.52	+0.85	G5 III-IV
21	ϵ CMa	2618	06 59 11.8	d	1.50	-0.93	-0.21	B2 II
		2527	07 02 09.7	6	4.55	+1.66	+1.36	K4 III
22	σ CMa	2646	07 02 17.8	d	3.47	+1.88	+1.73	K7 Ib
42	ω Gem	2630	07 03 17.7	s	5.18	+0.68	+0.94	G5 IIa
24	ϕ^2 CMa	2653	07 03 37.8	vas6	3.02	-0.80	-0.08	B3 Ia
23	γ CMa	2657	07 04 24.9		4.12	-0.48	-0.12	B8 II
		2666	07 04 30.4	d6	5.20	+0.15	+0.20	A9m
	v386 Car	2683	07 04 34.5	v	5.17		-0.04	Ap Si
43	ζ Gem	2650	07 04 58.1	vd6	3.79	+0.62	+0.79	F9 Ib (var)
	γ^2 Vol	2736	07 08 37.2	d	3.78	+0.88	+1.04	G9 III
25	δ CMa	2693	07 08 58.9	das6	1.84	+0.54	+0.68	F8 Ia

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Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type	
		h m s	° ' "						
20	Mon	2701	07 10 56.9	-04 15 39	d	4.92	+0.78	+1.03	K0 III
46	τ Gem	2697	07 12 03.7	+30 13 13	d7	4.41	+1.41	+1.26	K2 III
22	δ Mon	2714	07 12 36.3	-00 31 04	d	4.15	+0.02	-0.01	A1 III+
63	Aur	2696	07 12 39.0	+39 17 44	6	4.90	+1.74	+1.45	K3.5 III
	QW Pup	2740	07 12 58.4	-46 47 03		4.49	-0.01	+0.32	F0 IVs
48	Gem	2706	07 13 19.2	+24 06 11	s	5.85	+0.09	+0.36	F5 III-IV
	L ₂ Pup	2748	07 13 58.9	-44 39 50	vd	5.10		+1.56	M5 IIIe
51	BQ Gem	2717	07 14 12.2	+16 08 00	d	5.00	+1.82	+1.66	M4 IIIab
27	EW CMa	2745	07 14 50.7	-26 22 42	d6	4.66	-0.71	-0.19	B3 IIIep
28	ω CMa	2749	07 15 24.0	-26 47 55		3.85	-0.73	-0.17	B2 IV-Ve
	δ Vol	2803	07 16 49.2	-67 59 01		3.98	+0.45	+0.79	F9 Ib
	π Pup	2773	07 17 39.3	-37 07 27	d	2.70	+1.24	+1.62	K3 Ib
54	λ Gem	2763	07 18 55.5	+16 30 47	d67	3.58	+0.10	+0.11	A4 IV
30	τ CMa	2782	07 19 18.6	-24 58 54	vd6	4.40	-0.99	-0.15	O9 II
55	δ Gem	2777	07 20 59.3	+21 57 16	d67	3.53	+0.04	+0.34	F0 V+
31	η CMa	2827	07 24 40.1	-29 19 56	das	2.45	-0.72	-0.08	B5 Ia
66	Aur	2805	07 25 08.6	+40 38 35	6	5.23	+1.25	+1.25	K1 IIIa Fe-1
60	ι Gem	2821	07 26 37.5	+27 46 05		3.79	+0.85	+1.03	G9 IIIb
3	β CMi	2845	07 27 56.2	+08 15 33	d6	2.90	-0.28	-0.09	B8 V
4	γ CMi	2854	07 28 57.1	+08 53 43	d6	4.32	+1.54	+1.43	K3 III Fe-1
	σ Pup	2878	07 29 41.4	-43 19 53	vd6	3.25	+1.78	+1.51	K5 III
62	ρ Gem	2852	07 30 02.6	+31 45 16	d6	4.18	-0.03	+0.32	F0 V+
	6 CMi	2864	07 30 36.2	+11 58 32		4.54	+1.37	+1.28	K1 III
		2906	07 34 40.4	-22 19 41		4.45	+0.06	+0.51	F6 IV
66	α^1 Gem	2891	07 35 31.3	+31 51 19	od6	1.98	+0.01	+0.03	A1m A2 Va
66	α^2 Gem	2890	07 35 31.6	+31 51 21	od6	2.88	+0.02	+0.04	A2m A5 V:
		2934	07 36 01.2	-52 34 00	6	4.94	+1.63	+1.40	K3 III
69	ν Gem	2905	07 36 48.9	+26 51 44	d	4.06	+1.94	+1.54	M0 III-IIIb
		2937	07 37 54.3	-35 00 07	d7	4.53	-0.31	-0.09	B8 V
25	Mon	2927	07 37 59.9	-04 08 39	d	5.13	+0.12	+0.44	F6 III
10	α CMi	2943	07 40 03.7	+05 11 13	osd67	0.38	+0.02	+0.42	F5 IV-V
	R Pup	2974	07 41 26.4	-31 41 44	s	6.56	+0.85	+1.18	G2 0-Ia
	ζ Vol	3024	07 41 38.1	-72 38 27	d7	3.95	+0.83	+1.04	G9 III
26	α Mon	2970	07 41 56.4	-09 35 09		3.93	+0.88	+1.02	G9 III Fe-1
75	σ Gem	2973	07 44 13.0	+28 50 50	d6	4.28	+0.97	+1.12	K1 III
24	Lyn	2946	07 44 13.6	+58 40 30	d	4.99	+0.08	+0.08	A2 IVn
3	Pup	2996	07 44 23.4	-28 59 25	6	3.96	-0.09	+0.18	A2 Ib
77	κ Gem	2985	07 45 19.3	+24 21 44	ad7	3.57	+0.69	+0.93	G8 III
		3017	07 45 46.3	-38 00 16		3.61	+1.72	+1.73	K5 IIa
78	β Gem	2990	07 46 12.1	+27 59 24	ad	1.14	+0.85	+1.00	K0 IIIb
	4 Pup	3015	07 46 36.9	-14 36 00		5.04	+0.09	+0.33	F2 V
	OV Cep	2609	07 46 46.8	+86 59 05		5.07	+1.97	+1.63	M2- IIIab
81	Gem	3003	07 46 57.7	+18 28 25	6	4.88	+1.75	+1.45	K4 III
11	CMi	3008	07 47 04.0	+10 43 55	6	5.30	-0.02	+0.01	A0.5 IV ⁻ nn
		2999	07 47 37.2	+37 28 52		5.18	+1.94	+1.58	M2+ IIIb
		3037	07 47 57.8	-46 38 42	6	5.23	-0.85	-0.14	B1.5 IV
80	π Gem	3013	07 48 26.3	+33 22 44	d7	5.14	+1.95	+1.60	M1+ IIIa
	o Pup	3034	07 48 41.3	-25 58 26	d	4.50	-1.02	-0.05	B1 IV:nne
		3055	07 49 40.8	-46 24 37	d	4.11	-1.01	-0.18	B0 III
7	ξ Pup	3045	07 49 54.3	-24 53 49	d6	3.34	+1.16	+1.24	G6 Iab-Ib

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type	
		h m s	° ' "						
13	ζ CMi	3059	07 52 27.1	+01 43 44		5.14	-0.49	-0.12	B8 II
		3080	07 52 43.0	-40 36 50	c6	3.73	+0.78	+1.04	K1/2 II + A
	QZ Pup	3084	07 53 09.5	-38 54 04	v6	4.49	-0.69	-0.19	B2.5 V
		3090	07 53 43.7	-48 08 29		4.24	-1.00	-0.14	B0.5 Ib
83	φ Gem	3067	07 54 22.9	+26 43 38	6	4.97	+0.10	+0.09	A3 IV-V
26	Lyn	3066	07 55 45.8	+47 31 33		5.45	+1.73	+1.46	K3 III
	χ Car	3117	07 57 08.8	-53 01 18		3.47	-0.67	-0.18	B3p Si
11	Pup	3102	07 57 29.0	-22 55 10		4.20	+0.42	+0.72	F8 II
		3113	07 58 14.8	-30 22 27		4.79	+0.18	+0.15	A6 II
	V Pup	3129	07 58 39.5	-49 17 05	cvd6	4.41	-0.96	-0.17	B1 Vp + B2:
		3153	07 59 52.3	-60 37 38	s	5.17	+1.91	+1.74	M1.5 II
27	Mon	3122	08 00 27.6	-03 43 12		4.93	+1.21	+1.21	K2 III
		3131	08 00 31.0	-18 26 23		4.61	+0.08	+0.08	A2 IVn
		3075	08 01 54.3	+73 52 38		5.41	+1.64	+1.42	K3 III
		3145	08 03 01.2	+02 17 38	d	4.39	+1.28	+1.25	K2 IIIb Fe-0.5
	ζ Pup	3165	08 04 05.6	-40 02 41	s	2.25	-1.11	-0.26	O5 Iafn
	χ Gem	3149	08 04 24.4	+27 45 09	d6	4.94	+1.09	+1.12	K1 III
	ε Vol	3223	08 07 58.3	-68 39 35	d67	4.35	-0.46	-0.11	B6 IV
15	ρ Pup	3185	08 08 09.7	-24 20 49	vd6	2.81	+0.19	+0.43	F5 (Ib-ID)p
29	ζ Mon	3188	08 09 19.4	-03 01 37	d	4.34	+0.69	+0.97	G2 Ib
27	Lyn	3173	08 09 32.5	+51 27 49	d	4.84	0.00	+0.05	A1 Va
16	Pup	3192	08 09 40.5	-19 17 18	6	4.40	-0.60	-0.15	B5 IV
	γ ² Vel	3207	08 09 58.8	-47 22 47	cd6	1.78	-0.99	-0.22	WC8 + O9I:
	NS Pup	3225	08 11 52.6	-39 39 45	6	4.45	+1.86	+1.62	K4.5 Ib
20	Pup	3229	08 14 00.0	-15 49 58		4.99	+0.78	+1.07	G5 IIa
		3182	08 14 14.3	+68 25 47		5.45	+0.80	+1.05	G7 II
		3243	08 14 33.8	-40 23 34	d6	4.44	+1.09	+1.17	K1 II/III
17	β Cnc	3249	08 17 18.0	+09 08 24	d	3.52	+1.77	+1.48	K4 III Ba 0.5
	α Cha	3318	08 18 07.8	-76 57 54		4.07	-0.02	+0.39	F4 IV
		3270	08 19 05.9	-36 42 17		4.45	+0.11	+0.22	A7 IV
	θ Cha	3340	08 20 11.0	-77 31 51	d	4.35	+1.20	+1.16	K2 III CN 0.5
18	χ Cnc	3262	08 20 56.6	+27 10 11		5.14	-0.06	+0.47	F6 V
		3282	08 21 57.3	-33 06 04		4.83	+1.60	+1.45	K2.5 II-III
	ε Car	3307	08 22 48.6	-59 33 23	dc	1.86	+0.19	+1.28	K3: III + B2: V
31	Lyn	3275	08 23 49.4	+43 08 26		4.25	+1.90	+1.55	K4.5 III
		3315	08 25 41.3	-24 05 38	d6	5.28	+1.83	+1.48	K4.5 III CN 1
	β Vol	3347	08 25 53.4	-66 11 08		3.77	+1.14	+1.13	K2 III
		3314	08 26 23.1	-03 57 16		3.90	-0.02	-0.02	A0 Va
1	ο UMa	3323	08 31 27.5	+60 40 06	sd	3.37	+0.52	+0.85	G5 III
33	η Cnc	3366	08 33 32.7	+20 23 28		5.33	+1.39	+1.25	K3 III
		3426	08 38 09.3	-43 02 25		4.14	+0.16	+0.11	A6 II
4	δ Hya	3410	08 38 25.4	+05 39 09	d6	4.16	+0.01	0.00	A1 IVnn
5	σ Hya	3418	08 39 30.9	+03 17 23		4.44	+1.28	+1.21	K1 III
	β Pyx	3438	08 40 40.2	-35 21 38	d6	3.97	+0.65	+0.94	G4 III
	ο Vel	3447	08 40 42.5	-52 58 26	v6	3.62	-0.64	-0.18	B3 IV
6	Hya	3431	08 40 42.7	-12 31 38		4.98	+1.62	+1.42	K4 III
	η Cha	3502	08 40 48.0	-79 00 56		5.47	-0.35	-0.10	B8 V
	v343 Car	3457	08 40 56.2	-59 48 47	d6	4.33	-0.80	-0.11	B1.5 III
		3445	08 41 06.5	-46 42 03	d	3.82	+0.33	+0.70	F0 Ia
34	Lyn	3422	08 42 00.9	+45 46 56		5.37	+0.75	+0.99	G8 IV

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Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
7 η Hya	3454	08 43 58.9	+03 20 45	6	4.30	-0.74	-0.20	B4 V
43 γ Cnc	3449	08 44 07.4	+21 24 56	d6	4.66	+0.01	+0.02	A1 Va
α Pyx	3468	08 44 10.5	-33 14 21		3.68	-0.88	-0.18	B1.5 III
	3477	08 44 55.1	-42 42 08	d	4.07	+0.52	+0.87	G6 II-III
δ Vel	3485	08 45 06.3	-54 45 45	d7	1.96	+0.07	+0.04	A1 Va
47 δ Cnc	3461	08 45 30.4	+18 06 01	d	3.94	+0.99	+1.08	K0 IIIb
	3487	08 46 31.2	-46 05 42		3.91	-0.05	0.00	A1 II
12 Hya	3484	08 47 03.6	-13 36 05	d6	4.32	+0.62	+0.90	G8 III Fe-1
v344 Car	3498	08 47 05.0	-56 49 24		4.49	-0.73	-0.17	B3 Vne
11 ϵ Hya	3482	08 47 32.5	+06 21 53	cd67	3.38	+0.36	+0.68	G5: III + A:
48 ι Cnc	3475	08 47 34.3	+28 42 21	d	4.02	+0.78	+1.01	G8 II-III
13 ρ Hya	3492	08 49 12.0	+05 47 00	d6	4.36	-0.04	-0.04	A0 Vn
14 KX Hya	3500	08 50 05.4	-03 29 51		5.31	-0.35	-0.09	B9p Hg Mn
γ Pyx	3518	08 51 08.9	-27 45 51		4.01	+1.40	+1.27	K2.5 III
ζ Oct	3678	08 54 18.7	-85 43 08		5.42	+0.07	+0.31	F0 III
	3571	08 55 22.5	-60 42 01	d	3.84	-0.45	-0.10	B7 II-III
16 ζ Hya	3547	08 56 09.6	+05 53 23		3.11	+0.80	+1.00	G9 IIIa
v376 Car	3582	08 57 19.7	-59 17 08	d	4.92	-0.77	-0.19	B2 IV-V
65 α Cnc	3572	08 59 16.7	+11 48 03	d6	4.25	+0.15	+0.14	A5m
9 ι UMa	3569	09 00 11.6	+47 59 02	d6	3.14	+0.07	+0.19	A7 IVn
64 σ^3 Cnc	3575	09 00 25.9	+32 21 41	d	5.22	+0.64	+0.92	G8 III
	3591	09 00 37.9	-41 18 38	c6	4.45	+0.38	+0.65	G8/K1 III + A
	3579	09 01 34.6	+41 43 28	od67	3.97	+0.04	+0.43	F7 V
α Vol	3615	09 02 40.3	-66 27 15	6	4.00	+0.13	+0.14	A5m
8 ρ UMa	3576	09 03 50.0	+67 34 19		4.76	+1.88	+1.53	M3 IIIb Ca 1
12 κ UMa	3594	09 04 36.5	+47 05 54	d7	3.60	+0.01	0.00	A0 IIIn
	3614	09 04 39.3	-47 09 21		3.75	+1.22	+1.20	K2 III
	3643	09 05 10.6	-72 39 40		4.48	+0.22	+0.61	F8 II
	3612	09 07 26.8	+38 23 36		4.56	+0.82	+1.04	G7 Ib-II
λ Vel	3634	09 08 31.8	-43 29 30	d	2.21	+1.81	+1.66	K4.5 Ib
76 κ Cnc	3623	09 08 31.9	+10 36 33	d6	5.24	-0.43	-0.11	B8p Hg Mn
15 UMa	3619	09 09 53.2	+51 32 43		4.48	+0.12	+0.27	F0m
77 ξ Cnc	3627	09 10 11.4	+21 59 10	d6	5.14	+0.80	+0.97	G9 IIIa Fe-0.5 CH-1
v357 Car	3659	09 11 21.0	-59 01 36	6	3.44	-0.70	-0.19	B2 IV-V
	3663	09 11 36.4	-62 22 36		3.97	-0.67	-0.18	B3 III
β Car	3685	09 13 21.2	-69 46 37		1.68	+0.03	0.00	A1 III
36 Lyn	3652	09 14 44.8	+43 09 26		5.32	-0.48	-0.14	B8p Mn
22 θ Hya	3665	09 15 07.1	+02 15 09	d6	3.88	-0.12	-0.06	B9.5 IV (C II)
	3696	09 16 36.6	-57 36 09		4.34	+1.98	+1.63	M0.5 III Ba 0.3
ι Car	3699	09 17 28.7	-59 20 11		2.25	+0.16	+0.18	A7 Ib
38 Lyn	3690	09 19 44.5	+36 44 26	d67	3.82	+0.06	+0.06	A2 IV-
40 α Lyn	3705	09 21 56.1	+34 19 50		3.13	+1.94	+1.55	K7 IIIab
θ Pyx	3718	09 22 08.2	-26 01 40		4.72	+2.02	+1.63	M0.5 III
κ Vel	3734	09 22 33.8	-55 04 23	6	2.50	-0.75	-0.18	B2 IV-V
1 κ Leo	3731	09 25 29.8	+26 07 09	d7	4.46	+1.31	+1.23	K2 III
30 α Hya	3748	09 28 18.0	-08 43 19	d	1.98	+1.72	+1.44	K3 II-III
ϵ Ant	3765	09 29 50.7	-36 00 55	6	4.51	+1.68	+1.44	K3 III
ψ Vel	3786	09 31 16.4	-40 31 51	d7	3.60	-0.03	+0.36	F0 V+
	3803	09 31 39.8	-57 05 55		3.13	+1.89	+1.55	K5 III
	3821	09 31 42.3	-73 08 43		5.47	+1.75	+1.56	K4 III

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type	
		h m s	° ' "						
4	λ Leo	3773	09 32 32.7	+22 54 12		4.31	+1.89	+1.54	K4.5 IIIb
	R Car	3816	09 32 36.5	-62 51 12	vd	4-10	+0.23	+1.43	gM5e
23	UMa	3757	09 32 39.4	+62 59 51	d	3.67	+0.10	+0.33	F0 IV
5	ξ Leo	3782	09 32 43.6	+11 14 06		4.97	+0.86	+1.05	G9.5 III
25	θ UMa	3775	09 33 49.2	+51 36 37	d6	3.17	+0.02	+0.46	F6 IV
		3808	09 33 52.6	-21 10 50		5.01	+0.87	+1.02	K0 III
		3825	09 34 51.9	-59 17 41		4.08	-0.56	+0.01	B5 II
10	SU LMi	3800	09 35 06.4	+36 19 57		4.55	+0.62	+0.92	G7.5 III Fe-0.5
24	DK UMa	3771	09 35 44.4	+69 45 56		4.56	+0.34	+0.77	G5 III-IV
26	UMa	3799	09 35 48.6	+51 59 10		4.50	+0.04	+0.01	A1 Va
		3836	09 37 20.7	-49 25 13	d	4.35	+0.13	+0.17	A5 IV-V
		3751	09 39 03.2	+81 15 38		4.29	+1.72	+1.48	K3 IIIa
		3834	09 39 12.6	+04 35 00		4.68	+1.46	+1.32	K3 III
35	ι Hya	3845	09 40 35.8	-01 12 33		3.91	+1.46	+1.32	K2.5 III
38	κ Hya	3849	09 41 00.1	-14 23 55		5.06	-0.57	-0.15	B5 V
14	o Leo	3852	09 41 55.4	+09 49 33	cd6	3.52	+0.21	+0.49	F5 II + A5?
16	ψ Leo	3866	09 44 31.2	+13 57 17	d	5.35	+1.95	+1.63	M24 ⁺ IIIab
	θ Ant	3871	09 44 50.9	-27 50 11	cd7	4.79	+0.35	+0.51	F7 II-III + A8 V
	λ Car	3884	09 45 38.7	-62 34 30	v	3.69	+0.85	+1.22	F9-G5 Ib
17	ϵ Leo	3873	09 46 40.3	+23 42 25		2.98	+0.47	+0.80	G1 II
	ν Car	3890	09 47 27.8	-65 08 22	d	3.01	+0.13	+0.27	A6 II
	R Leo	3882	09 48 20.2	+11 21 39	v	4-11	-0.20	+1.30	gM7e
		3881	09 49 31.1	+45 57 10		5.09	+0.10	+0.62	G0.5 Va
29	ν UMa	3888	09 52 00.5	+58 58 11	vd	3.80	+0.18	+0.28	F0 IV
39	ν^1 Hya	3903	09 52 10.6	-14 54 54		4.12	+0.65	+0.92	G8.5 IIIa
24	μ Leo	3905	09 53 35.1	+25 56 17	s	3.88	+1.39	+1.22	K2 III CN 1 Ca 1
		3923	09 55 33.3	-19 04 43	6	4.94	+1.93	+1.57	K5 III
	ϕ Vel	3940	09 57 22.4	-54 38 14	d	3.54	-0.62	-0.08	B5 Ib
19	LMi	3928	09 58 34.0	+40 59 09	6	5.14	0.00	+0.46	F5 V
	η Ant	3947	09 59 29.7	-35 57 39	d	5.23	+0.08	+0.31	F1 III-IV
29	π Leo	3950	10 00 58.7	+07 58 27		4.70	+1.93	+1.60	M2 ⁻ IIIab
20	LMi	3951	10 01 50.6	+31 51 06		5.36	+0.27	+0.66	G3 Va H δ 1
40	ν^2 Hya	3970	10 05 49.9	-13 08 07	6	4.60	-0.27	-0.09	B8 V
30	η Leo	3975	10 08 07.3	+16 41 29	asd	3.52	-0.21	-0.03	A0 Ib
21	LMi	3974	10 08 16.8	+35 10 24		4.48	+0.08	+0.18	A7 V
31	Leo	3980	10 08 40.4	+09 55 33	d	4.37	+1.75	+1.45	K3.5 IIIb Fe-1:
15	α Sex	3981	10 08 40.8	-00 26 35		4.49	-0.07	-0.04	A0 III
32	α Leo	3982	10 09 08.6	+11 53 45	d6	1.35	-0.36	-0.11	B7 Vn
41	λ Hya	3994	10 11 17.7	-12 25 34	d6	3.61	+0.92	+1.01	K0 III CN 0.5
	ω Car	4037	10 14 04.8	-70 06 36		3.32	-0.33	-0.08	B8 III _n
		4023	10 15 20.8	-42 11 39	6	3.85	+0.06	+0.05	A2 Va
36	ζ Leo	4031	10 17 29.7	+23 20 40	das6	3.44	+0.20	+0.31	F0 III
	ν^{337} Car	4050	10 17 34.1	-61 24 18	d	3.40	+1.72	+1.54	K2.5 II
33	λ UMa	4033	10 17 57.9	+42 50 29	s	3.45	+0.06	+0.03	A1 IV
22	ϵ Sex	4042	10 18 21.0	-08 08 30		5.24	+0.13	+0.31	F1 IV ⁻
	AG Ant	4049	10 18 47.6	-29 03 54		5.34		+0.24	A0p Ib-II
41	γ^1 Leo	4057	10 20 46.2	+19 46 04	d6	2.61	+1.00	+1.15	K1 ⁻ IIIb Fe-0.5
		4080	10 22 57.0	-41 43 24		4.83	+1.08	+1.12	K1 III
34	μ UMa	4069	10 23 11.3	+41 25 34	6	3.05	+1.89	+1.59	M0 III
		4086	10 24 07.5	-38 05 02		5.33		+0.25	A8 V

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Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type	
		h m s	° ' "						
	4102	10 24 40.8	-74 06 20	6	4.00	-0.01	+0.35	F2 V	
	4072	10 25 09.6	+65 29 33	6	4.97	-0.13	-0.06	A0p Hg	
42	μ Hya	4094	10 26 47.6	-16 54 39	3.81	+1.82	+1.48	K4 ⁺ III	
	α Ant	4104	10 27 49.0	-31 08 31	4.25	+1.63	+1.45	K4.5 III	
		4114	10 28 24.8	-58 48 49	3.82	+0.24	+0.31	F0 Ib	
31	β LMi	4100	10 28 43.0	+36 37 57	d67	4.21	+0.64	+0.90	G9 IIIab
29	δ Sex	4116	10 30 12.9	-02 48 49		5.21	-0.12	-0.06	B9.5 V
36	UMa	4112	10 31 32.7	+55 54 20	d	4.83	-0.01	+0.52	F8 V
	PP Car	4140	10 32 32.6	-61 45 37		3.32	-0.72	-0.09	B4 Vne
		4084	10 32 44.0	+82 29 02		5.26	-0.05	+0.37	F4 V
46	Leo	4127	10 32 58.1	+14 03 45		5.46	+2.04	+1.68	M1 IIIb
		4143	10 33 33.7	-47 04 42	d7	5.02	+0.59	+1.04	K1/2 III
47	ρ Leo	4133	10 33 34.4	+09 13 54	vd6	3.85	-0.96	-0.14	B1 Iab
44	Hya	4145	10 34 42.3	-23 49 13	d	5.08	+1.82	+1.60	K5 III
	γ Cha	4174	10 35 37.8	-78 40 59		4.11	+1.95	+1.58	M0 III
37	UMa	4141	10 36 05.2	+57 00 27		5.16	-0.02	+0.34	F1 V
		4159	10 36 08.9	-57 37 59	6	4.45	+1.79	+1.62	K5 II
		4126	10 36 17.2	+75 38 15		4.84	+0.72	+0.96	G8 III
		4167	10 37 54.9	-48 18 04	d67	3.84	+0.07	+0.30	F0m
37	LMi	4166	10 39 32.0	+31 54 02		4.71	+0.54	+0.81	G2.5 IIa
		4180	10 39 53.2	-55 40 45	d	4.28	+0.75	+1.04	G2 II
	θ Car	4199	10 43 28.6	-64 28 14	6	2.76	-1.01	-0.22	B0.5 Vp
		4181	10 44 05.2	+69 00 00		5.00	+1.54	+1.38	K3 III
41	LMi	4192	10 44 12.1	+23 06 44		5.08	+0.05	+0.04	A2 IV
		4191	10 44 23.7	+46 07 38	d6	5.18	+0.01	+0.33	F5 III
	δ^2 Cha	4234	10 45 54.3	-80 37 00		4.45	-0.70	-0.19	B2.5 IV
42	LMi	4203	10 46 40.1	+30 36 20	d6	5.24	-0.14	-0.06	A1 Vn
51	Leo	4208	10 47 11.3	+18 48 53		5.50	+1.15	+1.13	gK3
	μ Vel	4216	10 47 23.8	-49 29 50	cd67	2.69	+0.57	+0.90	G5 III + F8: V
53	Leo	4227	10 50 01.1	+10 28 05	6	5.34	+0.02	+0.03	A2 V
	ν Hya	4232	10 50 20.5	-16 16 11		3.11	+1.30	+1.25	K1.5 IIIb H δ -0.5
		4257	10 54 05.2	-58 55 49	d6	3.78	+0.65	+0.95	K0 IIIb
46	LMi	4247	10 54 07.2	+34 08 11		3.83	+0.91	+1.04	K0 ⁺ III-IV
54	Leo	4259	10 56 23.8	+24 40 19	cd	4.50	+0.01	+0.01	A1 III _n + A1 IV _n
	ι Ant	4273	10 57 23.7	-37 12 57		4.60	+0.84	+1.03	K0 III
47	UMa	4277	11 00 16.4	+40 21 09		5.05	+0.13	+0.61	G1 ⁻ V Fe-0.5
7	α Crt	4287	11 00 28.9	-18 22 34		4.08	+1.00	+1.09	K0 ⁺ III
		4293	11 00 49.4	-42 18 14		4.39	+0.12	+0.11	A3 IV
58	Leo	4291	11 01 18.6	+03 32 22	d	4.84	+1.12	+1.16	K0.5 III Fe-0.5
48	β UMa	4295	11 02 42.5	+56 18 16	6	2.37	+0.01	-0.02	A0m A1 IV-V
60	Leo	4300	11 03 06.1	+20 06 06		4.42	+0.05	+0.05	A0.5m A3 V
50	α UMa	4301	11 04 36.7	+61 40 21	d6	1.80	+0.90	+1.07	K0 ⁻ IIIa
63	χ Leo	4310	11 05 45.9	+07 15 27	d7	4.63	+0.08	+0.33	F1 IV
	χ^1 Hya	4314	11 06 01.9	-27 22 20	d7	4.94	+0.04	+0.36	F3 IV
	v382 Car	4337	11 09 12.8	-59 03 13	c6	3.91	+0.94	+1.23	G4 0-Ia
52	ψ UMa	4335	11 10 28.4	+44 25 10		3.01	+1.11	+1.14	K1 III
11	β Crt	4343	11 12 22.4	-22 54 19	6	4.48	+0.06	+0.03	A2 IV
		4350	11 13 12.9	-49 10 48	6	5.36		+0.18	A3 IV/V
68	δ Leo	4357	11 14 52.7	+20 26 39	d	2.56	+0.12	+0.12	A4 IV
70	θ Leo	4359	11 15 00.0	+15 21 00		3.34	+0.06	-0.01	A2 IV (Kvar)

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
74 ϕ Leo	4368	11 17 24.0	-03 43 52	d	4.47	+0.14	+0.21	A7 V+n
SV Crt	4369	11 17 42.3	-07 12 50	sd67	6.14	+0.15	+0.20	A8p Sr Cr
54 ν UMa	4377	11 19 15.5	+33 00 54	d6	3.48	+1.55	+1.40	K3- III
55 UMa	4380	11 19 55.1	+38 06 21	d6	4.78	+0.03	+0.12	A1 Va
12 δ Crt	4382	11 20 04.0	-14 51 26	6	3.56	+0.97	+1.12	G9 IIIb CH 0.2
π Cen	4390	11 21 40.4	-54 34 14	d7	3.89	-0.59	-0.15	B5 Vn
77 σ Leo	4386	11 21 53.0	+05 56 59	6	4.05	-0.12	-0.06	A0 III+
78 ι Leo	4399	11 24 40.7	+10 26 58	d67	3.94	+0.07	+0.41	F2 IV
15 γ Crt	4405	11 25 36.5	-17 45 50	d	4.08	+0.11	+0.21	A7 V
84 τ Leo	4418	11 28 41.0	+02 46 35	d	4.95	+0.79	+1.00	G7.5 IIIa
1 λ Dra	4434	11 32 15.0	+69 15 03		3.84	+1.97	+1.62	M0 III Ca-1
ξ Hya	4450	11 33 43.1	-31 56 17	d	3.54	+0.71	+0.94	G7 III
λ Cen	4467	11 36 27.4	-63 06 01	d	3.13	-0.17	-0.04	B9.5 IIn
	4466	11 36 38.0	-47 43 20		5.25	+0.12	+0.25	A7m
21 θ Crt	4468	11 37 25.1	-09 52 57	6	4.70	-0.18	-0.08	B9.5 Vn
91 ν Leo	4471	11 37 41.5	-00 54 14		4.30	+0.75	+1.00	G8+ IIIb
o Hya	4494	11 40 56.2	-34 49 30		4.70	-0.22	-0.07	B9 V
61 UMa	4496	11 41 48.6	+34 07 11	das	5.33	+0.25	+0.72	G8 V
3 Dra	4504	11 43 16.2	+66 39 52		5.30	+1.24	+1.28	K3 III
v810 Cen	4511	11 44 13.1	-62 34 12	s	5.03	+0.35	+0.80	G0 0-Ia Fe 1
27 ζ Crt	4514	11 45 30.0	-18 25 53	d	4.73	+0.74	+0.97	G8 IIIa
λ Mus	4520	11 46 18.0	-66 48 33	d	3.64	+0.15	+0.16	A7 IV
3 ν Vir	4517	11 46 36.3	+06 26 53		4.03	+1.79	+1.51	M1 III
63 χ UMa	4518	11 46 48.7	+47 41 56		3.71	+1.16	+1.18	K0.5 IIIb
	4522	11 47 13.3	-61 15 33	d	4.11	+0.58	+0.90	G3 II
93 DQ Leo	4527	11 48 43.9	+20 08 18	cd6	4.53	+0.28	+0.55	G4 III-IV + A7 V
II Hya	4532	11 49 29.2	-26 49 50		5.11	+1.67	+1.60	M4+ III
94 β Leo	4534	11 49 47.9	+14 29 27	d	2.14	+0.07	+0.09	A3 Va
	4537	11 50 23.9	-63 52 09		4.32	-0.59	-0.15	B3 V
5 β Vir	4540	11 51 27.0	+01 40 59	d	3.61	+0.11	+0.55	F9 V
	4546	11 51 52.5	-45 15 15		4.46	+1.46	+1.30	K3 III
β Hya	4552	11 53 38.7	-33 59 20	vd7	4.28	-0.33	-0.10	Ap Si
64 γ UMa	4554	11 54 35.3	+53 36 51	a6	2.44	+0.02	0.00	A0 Van
95 Leo	4564	11 56 25.2	+15 33 58	d6	5.53	+0.12	+0.11	A3 V
30 η Crt	4567	11 56 45.4	-17 13 54		5.18	0.00	-0.02	A0 Va
8 π Vir	4589	12 01 37.0	+06 32 01	6	4.66	+0.11	+0.13	A5 IV
θ^1 Cru	4599	12 03 46.3	-63 23 37	d6	4.33	+0.04	+0.27	A8m
	4600	12 04 24.9	-42 30 55		5.15	-0.03	+0.41	F6 V
9 o Vir	4608	12 05 56.8	+08 39 09	s	4.12	+0.63	+0.98	G8 IIIa CN-1 Ba 1 CH 1
η Cru	4616	12 07 38.9	-64 41 40	d6	4.15	+0.03	+0.34	F2 V+
	4618	12 08 50.6	-50 44 31	v	4.47	-0.67	-0.15	B2 IIIne
δ Cen	4621	12 09 06.9	-50 48 11	d	2.60	-0.90	-0.12	B2 IVne
1 α Crv	4623	12 09 09.9	-24 48 35		4.02	-0.02	+0.32	F0 IV-V
2 ϵ Crv	4630	12 10 52.4	-22 42 01		3.00	+1.47	+1.33	K2.5 IIIa
ρ Cen	4638	12 12 25.0	-52 26 57		3.96	-0.62	-0.15	B3 V
	4646	12 12 51.8	+77 32 09	v6	5.14	+0.10	+0.33	F2m
δ Cru	4656	12 15 55.4	-58 49 46		2.80	-0.91	-0.23	B2 IV
69 δ UMa	4660	12 16 08.3	+56 57 08	d	3.31	+0.07	+0.08	A2 Van
4 γ Crv	4662	12 16 33.2	-17 37 20	6	2.59	-0.34	-0.11	B8p Hg Mn
ϵ Mus	4671	12 18 22.0	-68 02 29	6	4.11	+1.55	+1.58	M5 III

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Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
β Cha	4674	12 19 13.7	-79 23 33		4.26	-0.51	-0.12	B5 Vn
ζ Cru	4679	12 19 14.0	-64 05 01	d	4.04	-0.69	-0.17	B2.5 V
3 CVn	4690	12 20 31.3	+48 54 14		5.29	+1.97	+1.66	M1+ IIIab
15 η Vir	4689	12 20 38.9	-00 44 50	d6	3.89	+0.06	+0.02	A1 IV+
16 Vir	4695	12 21 05.2	+03 13 55	d	4.96	+1.15	+1.16	K0.5 IIIb Fe-0.5
ϵ Cru	4700	12 22 09.1	-60 28 52		3.59	+1.63	+1.42	K3 III
12 Com	4707	12 23 14.0	+25 45 57	cd6	4.81	+0.26	+0.49	G5 III + A5
6 CVn	4728	12 26 33.6	+38 56 18		5.02	+0.73	+0.96	G9 III
α^1 Cru	4730	12 27 24.9	-63 10 46	cd6	1.33	-1.03	-0.24	B0.5 IV
15 γ Com	4737	12 27 39.5	+28 11 17		4.36	+1.15	+1.13	K1 III Fe 0.5
σ Cen	4743	12 28 49.8	-50 18 39		3.91	-0.78	-0.19	B2 V
	4748	12 29 09.0	-39 07 17		5.44		-0.08	B8/9 V
7 δ Crv	4757	12 30 37.0	-16 35 46	d7	2.95	-0.08	-0.05	B9.5 IV-n
74 UMa	4760	12 30 37.6	+58 19 34		5.35	+0.14	+0.20	δ Del
γ Cru	4763	12 31 58.7	-57 11 39	d	1.63	+1.78	+1.59	M3.5 III
8 η Crv	4775	12 32 49.2	-16 16 34	6	4.31	+0.01	+0.38	F2 V
γ Mus	4773	12 33 21.1	-72 12 46		3.87	-0.62	-0.15	B5 V
5 κ Dra	4787	12 34 05.7	+69 42 30	v6	3.87	-0.57	-0.13	B6 IIIpe
	4783	12 34 21.7	+33 10 03		5.42	+0.83	+1.00	K0 III CN-1
8 β CVn	4785	12 34 25.7	+41 16 44	ads6	4.26	+0.05	+0.59	G0 V
9 β Crv	4786	12 35 09.1	-23 28 36		2.65	+0.60	+0.89	G5 IIb
23 Com	4789	12 35 34.4	+22 32 59	d6	4.81	-0.01	0.00	A0m A1 IV
24 Com	4792	12 35 51.4	+18 17 51	d	5.02	+1.11	+1.15	K2 III
α Mus	4798	12 38 03.8	-69 12 55	d	2.69	-0.83	-0.20	B2 IV-V
τ Cen	4802	12 38 30.1	-48 37 15		3.86	+0.03	+0.05	A1 IVnn
26 χ Vir	4813	12 39 59.7	-08 04 31	d	4.66	+1.39	+1.23	K2 III CN 1.5
γ Cen	4819	12 42 19.4	-49 02 21	d67	2.17	-0.01	-0.01	A1 IV
29 γ^1 Vir	4825	12 42 23.7	-01 31 44	ocd6	3.48	-0.03	+0.36	F1 V
29 γ^2 Vir	4826	12 42 23.7	-01 31 42	ocd	3.50	-0.03	+0.36	F0m F2 V
30 ρ Vir	4828	12 42 37.1	+10 09 21	6	4.88	+0.03	+0.09	A0 Va (λ Boo)
	4839	12 44 47.1	-28 24 12		5.48	+1.50	+1.34	K3 III
Y CVn	4846	12 45 48.5	+45 21 40		4.99	+6.33	+2.54	C5,5
32 FM Vir	4847	12 46 21.0	+07 35 39	6	5.22	+0.15	+0.33	F2m
β Mus	4844	12 47 11.1	-68 11 14	cd7	3.05	-0.74	-0.18	B2 V + B2.5 V
β Cru	4853	12 48 34.7	-59 46 04	vd6	1.25	-1.00	-0.23	B0.5 III
	4874	12 51 28.6	-34 04 41	d	4.91	-0.11	-0.04	A0 IV
31 Com	4883	12 52 24.2	+27 27 43	s	4.94	+0.20	+0.67	G0 IIIp
	4888	12 53 56.5	-49 01 19	6	4.33	+1.58	+1.37	K3/4 III
	4889	12 54 14.7	-40 15 27		4.27	+0.12	+0.21	A7 V
77 ϵ UMa	4905	12 54 39.8	+55 52 53	dv6	1.77	+0.02	-0.02	A0p Cr
40 ψ Vir	4902	12 55 06.5	-09 37 03		4.79	+1.53	+1.60	M3- III Ca-1
μ^1 Cru	4898	12 55 27.3	-57 15 23	d	4.03	-0.76	-0.17	B2 IV-V
8 Dra	4916	12 56 02.9	+65 21 36	v	5.24	+0.02	+0.28	F0 IV-V
43 δ Vir	4910	12 56 20.1	+03 19 08	d	3.38	+1.78	+1.58	M3+ III
ι Oct	4870	12 56 39.4	-85 12 06	d	5.46	+0.79	+1.02	K0 III
12 α^2 CVn	4915	12 56 42.2	+38 14 25	vd	2.90	-0.32	-0.12	A0p Si Eu
78 UMa	4931	13 01 20.8	+56 17 19	asd7	4.93	+0.01	+0.36	F2 V
47 ϵ Vir	4932	13 02 53.9	+10 52 53	asd	2.83	+0.73	+0.94	G8 IIIab
δ Mus	4923	13 03 17.4	-71 37 36	6	3.62	+1.26	+1.18	K2 III
14 CVn	4943	13 06 25.0	+35 43 18		5.25	-0.20	-0.08	B9 V

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
ξ^2 Cen	4942	13 07 45.9	-49 59 01	d6	4.27	-0.79	-0.19	B1.5 V
51 θ Vir	4963	13 10 42.1	-05 36 58	d6	4.38	-0.01	-0.01	A1 IV
43 β Com	4983	13 12 32.9	+27 48 18	d6	4.26	+0.07	+0.57	F9.5 V
η Mus	4993	13 16 14.9	-67 58 16	vd6	4.80	-0.35	-0.08	B7 V
	5006	13 17 41.7	-31 34 57		5.10	+0.61	+0.96	K0 III
20 AO CVn	5017	13 18 11.4	+40 29 48	sv	4.73	+0.21	+0.30	F2 III (str. met.)
60 σ Vir	5015	13 18 20.2	+05 23 38		4.80	+1.95	+1.67	M1 III
61 Vir	5019	13 19 10.0	-18 23 29	d	4.74	+0.26	+0.71	G6.5 V
46 γ Hya	5020	13 19 42.8	-23 14 51	d	3.00	+0.66	+0.92	G8 IIIa
ι Cen	5028	13 21 25.0	-36 47 18		2.75	+0.03	+0.04	A2 Va
	5035	13 23 34.9	-61 03 50	d	4.53	-0.60	-0.13	B3 V
79 ζ UMa	5054	13 24 30.4	+54 51 00	d6	2.27	+0.03	+0.02	A1 Va ⁺ (Si)
80 UMa	5062	13 25 48.3	+54 54 46	6	4.01	+0.08	+0.16	A5 Vn
67 α Vir	5056	13 25 57.5	-11 14 12	vd6	0.98	-0.93	-0.23	B1 V
68 Vir	5064	13 27 29.3	-12 46 58		5.25	+1.75	+1.52	M0 III
	5085	13 28 58.9	+59 52 16	d	5.40	-0.02	-0.01	A1 Vn
70 Vir	5072	13 29 08.4	+13 42 06	d	4.98	+0.26	+0.71	G4 V
	5089	13 31 53.4	-39 28 54	d67	3.88	+1.03	+1.17	G8 III
78 CW Vir	5105	13 34 52.1	+03 35 06	v6	4.94	0.00	+0.03	A1p Cr Eu
79 ζ Vir	5107	13 35 26.0	-00 40 10		3.37	+0.10	+0.11	A2 IV ⁻
BH CVn	5110	13 35 26.6	+37 06 31	6	4.98	+0.06	+0.40	F1 V ⁺
	5139	13 37 32.0	+71 10 07		5.50		+1.20	gK2
ϵ Cen	5132	13 40 48.9	-53 32 22	d	2.30	-0.92	-0.22	B1 III
v744 Cen	5134	13 40 54.0	-50 01 23	s	6.00	+1.15	+1.50	M6 III
82 Vir	5150	13 42 22.6	-08 46 32		5.01	+1.95	+1.63	M1.5 III
1 Cen	5168	13 46 30.9	-33 07 00	6	4.23	0.00	+0.38	F2 V ⁺
4 τ Boo	5185	13 47 57.1	+17 23 07	d7	4.50	+0.04	+0.48	F7 V
85 η UMa	5191	13 48 06.6	+49 14 29	a6	1.86	-0.67	-0.19	B3 V
v766 Cen	5171	13 48 12.4	-62 39 42	sd	6.51	+1.19	+1.98	K0 0-Ia
5 ν Boo	5200	13 50 10.6	+15 43 35		4.07	+1.87	+1.52	K5.5 III
2 v806 Cen	5192	13 50 17.4	-34 31 21		4.19	+1.45	+1.50	M4.5 III
ν Cen	5190	13 50 22.8	-41 45 34	v6	3.41	-0.84	-0.22	B2 IV
μ Cen	5193	13 50 29.7	-42 32 43	sd6	3.04	-0.72	-0.17	B2 IV-Vpne (shell)
89 Vir	5196	13 50 39.7	-18 12 21		4.97	+0.92	+1.06	K0.5 III
10 CU Dra	5226	13 51 51.4	+64 39 07	d	4.65	+1.89	+1.58	M3.5 III
8 η Boo	5235	13 55 22.5	+18 19 32	asd6	2.68	+0.20	+0.58	G0 IV
ζ Cen	5231	13 56 27.1	-47 21 33	6	2.55	-0.92	-0.22	B2.5 IV
	5241	13 58 42.7	-63 45 25		4.71	+1.04	+1.11	K1.5 III
ϕ Cen	5248	13 59 09.5	-42 10 15		3.83	-0.83	-0.21	B2 IV
47 Hya	5250	13 59 20.2	-25 02 33	6	5.15	-0.40	-0.10	B8 V
ν^1 Cen	5249	13 59 34.9	-44 52 25		3.87	-0.80	-0.20	B2 IV-V
93 τ Vir	5264	14 02 23.1	+01 28 30	d6	4.26	+0.12	+0.10	A3 IV
ν^2 Cen	5260	14 02 38.2	-45 40 23	6	4.34	+0.27	+0.60	F6 II
	5270	14 03 14.6	+09 36 59	s	6.20	+0.38	+0.90	G8: II: Fe-5
11 α Dra	5291	14 04 47.0	+64 18 25	s6	3.65	-0.08	-0.05	A0 III
β Cen	5267	14 04 51.5	-60 26 32	d6	0.61	-0.98	-0.23	B1 III
θ Aps	5261	14 06 47.4	-76 51 56	s	5.50	+1.05	+1.55	M6.5 III:
χ Cen	5285	14 06 56.2	-41 14 54		4.36	-0.77	-0.19	B2 V
49 π Hya	5287	14 07 12.1	-26 45 06		3.27	+1.04	+1.12	K2 ⁻ III Fe-0.5
5 θ Cen	5288	14 07 32.4	-36 26 26	d	2.06	+0.87	+1.01	K0 ⁻ IIIb

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H19

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
BY Boo	5299	14 08 30.5	+43 47 09		5.27	+1.66	+1.59	M4.5 III
4 UMi	5321	14 08 48.7	+77 28 46	d6	4.82	+1.39	+1.36	K3- IIIb Fe-0.5
12 Boo	5304	14 11 03.6	+25 01 25	d6	4.83	+0.07	+0.54	F8 IV
98 κ Vir	5315	14 13 40.3	-10 20 26		4.19	+1.47	+1.33	K2.5 III Fe-0.5
16 α Boo	5340	14 16 19.4	+19 06 27	d	-0.04	+1.27	+1.23	K1.5 III Fe-0.5
21 ι Boo	5350	14 16 40.7	+51 18 03	d6	4.75	+0.06	+0.20	A7 IV
99 ι Vir	5338	14 16 46.6	-06 04 09		4.08	+0.04	+0.52	F7 III-IV
19 λ Boo	5351	14 16 56.1	+46 01 20		4.18	+0.05	+0.08	A0 Va (λ Boo)
	5361	14 18 36.6	+35 26 35	6	4.81	+0.92	+1.06	K0 III
100 λ Vir	5359	14 19 53.8	-13 26 14	6	4.52	+0.12	+0.13	A5m:
18 Boo	5365	14 19 58.4	+12 56 17	d	5.41	-0.03	+0.38	F3 V
ι Lup	5354	14 20 20.3	-46 07 27		3.55	-0.72	-0.18	B2.5 IVn
	5358	14 21 20.9	-56 27 09		4.33	-0.43	+0.12	B6 Ib
ψ Cen	5367	14 21 26.7	-37 57 05	d	4.05	-0.11	-0.03	A0 III
v761 Cen	5378	14 23 56.2	-39 34 38	v	4.42	-0.75	-0.18	B7 IIIp (var)
	5392	14 24 54.7	+05 45 18	6	5.10	+0.10	+0.12	A5 V
	5390	14 25 38.5	-24 52 17		5.32	+0.71	+0.96	K0 III
23 θ Boo	5404	14 25 41.4	+51 47 03	d	4.05	+0.01	+0.50	F7 V
τ ¹ Lup	5395	14 27 04.5	-45 17 10	vd	4.56	-0.79	-0.15	B2 IV
τ ² Lup	5396	14 27 07.2	-45 26 39	cd67	4.35	+0.19	+0.43	F4 IV + A7:
22 Boo	5405	14 27 07.8	+19 09 44		5.39	+0.23	+0.23	F0m
5 UMi	5430	14 27 30.7	+75 37 53	d	4.25	+1.70	+1.44	K4- III
105 φ Vir	5409	14 28 57.1	-02 17 32	sd67	4.81	+0.21	+0.70	G2 IV
52 Hya	5407	14 29 01.6	-29 33 22	d	4.97	-0.41	-0.07	B8 IV
δ Oct	5339	14 29 24.7	-83 43 57		4.32	+1.45	+1.31	K2 III
25 ρ Boo	5429	14 32 27.3	+30 18 30	ad	3.58	+1.44	+1.30	K3 III
27 γ Boo	5435	14 32 39.7	+38 14 43	d	3.03	+0.12	+0.19	A7 IV+
σ Lup	5425	14 33 36.2	-50 31 14		4.42	-0.84	-0.19	B2 III
28 σ Boo	5447	14 35 18.7	+29 40 58	d	4.46	-0.08	+0.36	F2 V
η Cen	5440	14 36 26.0	-42 13 14	v7	2.31	-0.83	-0.19	B1.5 IVpne (shell)
	5453	14 38 52.2	-49 29 17		4.05	-0.56	-0.15	B5 V
33 Boo	5468	14 39 22.6	+44 20 33	6	5.39	-0.04	0.00	A1 V
α ² Cen	5460	14 40 35.3	-60 53 39	od	1.33	+0.68	+0.88	K1 V
α ¹ Cen	5459	14 40 35.8	-60 53 40	od6	-0.01	+0.24	+0.71	G2 V
30 ζ Boo	5478	14 41 50.5	+13 40 00	od6	4.52	+0.05	+0.05	A2 Va
	5471	14 42 51.9	-37 51 18		4.00	-0.70	-0.17	B3 V
α Lup	5469	14 42 54.0	-47 26 58	vd6	2.30	-0.89	-0.20	B1.5 III
α Cir	5463	14 43 41.7	-65 02 14	d6	3.19	+0.12	+0.24	A7p Sr Eu
107 μ Vir	5487	14 43 49.6	-05 43 14	6	3.88	-0.02	+0.38	F2 V
34 W Boo	5490	14 44 03.6	+26 28 01	v	4.81	+1.94	+1.66	M3- III
	5485	14 44 32.9	-35 14 07		4.05	+1.53	+1.35	K3 IIIb
36 ε Boo	5506	14 45 37.2	+27 00 49	d	2.70	+0.73	+0.97	K0- II-III
109 Vir	5511	14 46 59.0	+01 49 57		3.72	-0.03	-0.01	A0 IVnn
	5495	14 48 02.7	-52 26 38	d	5.21		+0.98	G8 III
56 Hya	5516	14 48 35.8	-26 08 51		5.24	+0.65	+0.94	G8/K0 III
α Aps	5470	14 49 43.7	-79 06 17		3.83	+1.68	+1.43	K3 III CN 0.5
7 β UMi	5563	14 50 40.6	+74 05 46	d	2.08	+1.78	+1.47	K4- III
58 Hya	5526	14 51 08.6	-28 01 12		4.41	+1.49	+1.40	K2.5 IIIb Fe-1:
8 α ¹ Lib	5530	14 51 29.4	-16 03 24		5.15	-0.03	+0.41	F3 V
9 α ² Lib	5531	14 51 41.0	-16 06 05	d6	2.75	+0.09	+0.15	A3 III-IV

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
	5552	14 51 48.6	+59 14 07		5.46	+1.60	+1.36	K4 III
<i>o</i> Lup	5528	14 52 35.5	-43 38 04	d67	4.32	-0.61	-0.15	B5 IV
	5558	14 56 38.4	-33 54 50	d6	5.32		+0.04	A0 V
15 ξ^2 Lib	5564	14 57 33.4	-11 28 03		5.46	+1.70	+1.49	gK4
RR UMi	5589	14 57 49.1	+65 52 30	6	4.60	+1.59	+1.59	M4.5 III
16 Lib	5570	14 57 56.5	-04 24 17		4.49	+0.05	+0.32	F0 IV-
β Lup	5571	14 59 29.3	-43 11 29		2.68	-0.87	-0.22	B2 IV
κ Cen	5576	15 00 06.6	-42 09 41	d	3.13	-0.79	-0.20	B2 V
19 δ Lib	5586	15 01 44.9	-08 34 32	vd6	4.92	-0.10	0.00	B9.5 V
42 β Boo	5602	15 02 29.5	+40 20 02		3.50	+0.72	+0.97	G8 IIIa Fe-0.5
110 Vir	5601	15 03 38.1	+02 02 06		4.40	+0.88	+1.04	K0+ IIIb Fe-0.5
20 σ Lib	5603	15 04 55.3	-25 20 17		3.29	+1.94	+1.70	M2.5 III
43 ψ Boo	5616	15 05 04.0	+26 53 30		4.54	+1.33	+1.24	K2 III
	5635	15 06 41.6	+54 30 03		5.25	+0.64	+0.96	G8 III Fe-1
45 Boo	5634	15 07 56.3	+24 48 48	d	4.93	-0.02	+0.43	F5 V
λ Lup	5626	15 09 49.6	-45 20 05	d67	4.05	-0.68	-0.18	B3 V
κ^1 Lup	5646	15 12 57.0	-48 47 31	d	3.87	-0.13	-0.05	B9.5 IVnn
24 ι Lib	5652	15 13 03.0	-19 50 44	d6	4.54	-0.35	-0.08	B9p Si
ζ Lup	5649	15 13 20.1	-52 09 12	d	3.41	+0.66	+0.92	G8 III
	5691	15 14 48.7	+67 17 31		5.13	+0.08	+0.53	F8 V
1 Lup	5660	15 15 30.8	-31 34 20		4.91	+0.28	+0.37	F0 Ib-II
3 Ser	5675	15 15 54.7	+04 53 11	d	5.33	+0.91	+1.09	gK0
49 δ Boo	5681	15 16 05.3	+33 15 41	d6	3.47	+0.66	+0.95	G8 III Fe-1
27 β Lib	5685	15 17 47.3	-09 26 08	6	2.61	-0.36	-0.11	B8 III _n
β Cir	5670	15 18 39.6	-58 51 15		4.07	+0.09	+0.09	A3 Vb
2 Lup	5686	15 18 43.0	-30 12 04		4.34	+1.07	+1.10	K0- IIIa CH-1
μ Lup	5683	15 19 32.9	-47 55 39	d7	4.27	-0.37	-0.08	B8 V
γ TrA	5671	15 20 17.0	-68 43 54		2.89	-0.02	0.00	A1 III
13 γ UMi	5735	15 20 43.0	+71 46 57		3.05	+0.12	+0.05	A3 III
δ Lup	5695	15 22 19.7	-40 41 56		3.22	-0.89	-0.22	B1.5 IV _n
ϕ^1 Lup	5705	15 22 43.8	-36 18 47	d	3.56	+1.88	+1.54	K4 III
ϵ Lup	5708	15 23 40.3	-44 44 27	d67	3.37	-0.75	-0.18	B2 IV-V
ϕ^2 Lup	5712	15 24 05.2	-36 54 34		4.54	-0.63	-0.15	B4 V
γ Cir	5704	15 24 32.6	-59 22 18	cd7	4.51	-0.35	+0.19	B5 IV
51 μ^1 Boo	5733	15 25 02.3	+37 19 37	d6	4.31	+0.07	+0.31	F0 IV
12 ι Dra	5744	15 25 15.3	+58 54 56	d	3.29	+1.22	+1.16	K2 III
9 τ^1 Ser	5739	15 26 27.8	+15 22 40		5.17	+1.95	+1.66	M1 IIIa
3 β CrB	5747	15 28 25.6	+29 03 23	vd6	3.68	+0.11	+0.28	F0p Cr Eu
52 ν^1 Boo	5763	15 31 27.0	+40 47 03		5.02	+1.90	+1.59	K4.5 IIIb Ba 0.5
κ^1 Aps	5730	15 33 07.4	-73 26 17	d	5.49	-0.77	-0.12	B1pne
4 θ CrB	5778	15 33 30.9	+31 18 39	d	4.14	-0.54	-0.13	B6 Vnn
37 Lib	5777	15 34 58.4	-10 06 48		4.62	+0.86	+1.01	K1 III-IV
5 α CrB	5793	15 35 18.1	+26 40 00	6	2.23	-0.02	-0.02	A0 IV
13 δ Ser	5789	15 35 29.8	+10 29 28	cd	4.23	+0.12	+0.26	F0 III-IV + F0 IIIb
γ Lup	5776	15 36 06.7	-41 12 52	dv67	2.78	-0.82	-0.20	B2 IV _n
38 γ Lib	5787	15 36 20.4	-14 50 13	d	3.91	+0.74	+1.01	G8.5 III
	5784	15 37 12.0	-44 26 39		5.43	+1.82	+1.50	K4/5 III
39 ν Lib	5794	15 37 54.5	-28 10 56	d	3.58	+1.58	+1.38	K3.5 III
ϵ TrA	5771	15 38 03.8	-66 21 51	d	4.11	+1.16	+1.17	K1/2 III
54 ϕ Boo	5823	15 38 20.9	+40 18 25		5.24	+0.53	+0.88	G7 III-IV Fe-2

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H21

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
ω Lup	5797	15 39 02.1	-42 36 50	d6	4.33	+1.72	+1.42	K4.5 III
40 τ Lib	5812	15 39 33.0	-29 49 28	6	3.66	-0.70	-0.17	B2.5 V
	5798	15 39 54.6	-52 25 09	d	5.44	0.00	0.00	B9 V
43 κ Lib	5838	15 42 47.1	-19 43 29	d6	4.74	+1.95	+1.57	M0- IIIb
8 γ CrB	5849	15 43 21.1	+26 15 02	d7	3.84	-0.04	0.00	A0 IV comp.?
16 ζ UMi	5903	15 43 34.1	+77 44 57		4.32	+0.05	+0.04	A2 III-IVn
24 α Ser	5854	15 44 59.0	+06 22 51	d	2.65	+1.24	+1.17	K2 IIIb CN 1
28 β Ser	5867	15 46 51.5	+15 22 38	d	3.67	+0.08	+0.06	A2 IV
	5886	15 46 53.5	+62 33 18		5.19	-0.10	+0.04	A2 IV
27 λ Ser	5868	15 47 08.9	+07 18 31	6	4.43	+0.11	+0.60	G0- V
35 κ Ser	5879	15 49 23.6	+18 05 51		4.09	+1.95	+1.62	M0.5 IIIab
10 δ CrB	5889	15 50 12.2	+26 01 29	s	4.62	+0.36	+0.80	G5 III-IV Fe-1
32 μ Ser	5881	15 50 22.7	-03 28 25	d6	3.53	-0.10	-0.04	A0 III
37 ϵ Ser	5892	15 51 32.4	+04 26 06		3.71	+0.11	+0.15	A5m
11 κ CrB	5901	15 51 46.7	+35 36 47	sd	4.82	+0.87	+1.00	K1 IVa
5 χ Lup	5883	15 51 53.0	-33 40 13	6	3.95	-0.13	-0.04	B9p Hg
1 χ Her	5914	15 53 10.6	+42 24 42		4.62	0.00	+0.56	F8 V Fe-2 H δ -1
45 λ Lib	5902	15 54 10.7	-20 12 34	6	5.03	-0.56	-0.01	B2.5 V
46 θ Lib	5908	15 54 39.2	-16 46 15		4.15	+0.81	+1.02	G9 IIIb
β TrA	5897	15 56 26.0	-63 28 26	d	2.85	+0.05	+0.29	F0 IV
41 γ Ser	5933	15 57 07.4	+15 36 54	d	3.85	-0.03	+0.48	F6 V
5 ρ Sco	5928	15 57 47.0	-29 15 19	d6	3.88	-0.82	-0.20	B2 IV-V
CL Dra	5960	15 58 08.2	+54 42 33	6	4.95	+0.05	+0.26	F0 IV
13 ϵ CrB	5947	15 58 11.3	+26 50 12	sd	4.15	+1.28	+1.23	K2 IIIab
48 FX Lib	5941	15 59 00.2	-14 19 13	6	4.88	-0.20	-0.10	B5 IIIpe (shell)
6 π Sco	5944	15 59 43.9	-26 09 17	cvd6	2.89	-0.91	-0.19	B1 V + B2 V
T CrB	5958	16 00 06.6	+25 52 47	vd6	2-11	+0.59	+1.40	gM3: + Bep
	5943	16 00 29.8	-41 47 05		4.99		+1.00	K0 II/III
η Lup	5948	16 01 05.2	-38 26 13	d	3.41	-0.83	-0.22	B2.5 IVn
49 Lib	5954	16 01 08.5	-16 34 30	d6	5.47	+0.03	+0.52	F8 V
7 δ Sco	5953	16 01 11.6	-22 39 43	d6	2.32	-0.91	-0.12	B0.3 IV
13 θ Dra	5986	16 02 09.8	+58 31 37	6	4.01	+0.10	+0.52	F8 IV-V
8 β^1 Sco	5984	16 06 16.9	-19 50 39	d6	2.62	-0.87	-0.07	B0.5 V
8 β^2 Sco	5985	16 06 17.2	-19 50 26	sd	4.92	-0.70	-0.02	B2 V
δ Nor	5980	16 07 31.2	-45 12 40		4.72	+0.15	+0.23	A7m
θ Lup	5987	16 07 32.9	-36 50 26		4.23	-0.70	-0.17	B2.5 Vn
9 ω^1 Sco	5993	16 07 39.4	-20 42 27	s	3.96	-0.81	-0.04	B1 V
10 ω^2 Sco	5997	16 08 15.5	-20 54 25		4.32	+0.50	+0.84	G4 II-III
7 κ Her	6008	16 08 43.8	+17 00 33	d	5.00	+0.61	+0.95	G5 III
11 ϕ Her	6023	16 09 13.6	+44 53 51	v6	4.26	-0.28	-0.07	B9p Hg Mn
16 τ CrB	6018	16 09 30.2	+36 27 17	d6	4.76	+0.86	+1.01	K1- III-IV
19 UMi	6079	16 10 25.8	+75 50 26		5.48	-0.36	-0.11	B8 V
14 ν Sco	6027	16 12 50.4	-19 29 50	d6	4.01	-0.65	+0.04	B2 IVp
κ Nor	6024	16 14 37.7	-54 40 00	d	4.94	+0.78	+1.04	G8 III
1 δ Oph	6056	16 15 06.4	-03 43 50	d	2.74	+1.96	+1.58	M0.5 III
δ TrA	6030	16 16 46.1	-63 43 16	d	3.85	+0.86	+1.11	G2 Ib-IIa
21 η UMi	6116	16 17 05.8	+75 43 17	d	4.95	+0.08	+0.37	F5 V
2 ϵ Oph	6075	16 19 05.4	-04 43 37	d	3.24	+0.75	+0.96	G9.5 IIIb Fe-0.5
22 τ Her	6092	16 20 10.6	+46 16 46	vd	3.89	-0.56	-0.15	B5 IV
	6077	16 20 27.9	-30 56 27	d6	5.49	-0.01	+0.47	F6 III

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
γ^2 Nor	6072	16 20 55.8	-50 11 23	d	4.02	+1.16	+1.08	K1+ III
20 σ Sco	6084	16 22 04.3	-25 37 35	vd6	2.89	-0.70	+0.13	B1 III
δ^1 Aps	6020	16 22 33.6	-78 43 46	d	4.68	+1.69	+1.69	M4 IIIa
20 γ Her	6095	16 22 33.6	+19 07 12	d6	3.75	+0.18	+0.27	A9 IIIbn
50 σ Ser	6093	16 22 48.5	+00 59 45		4.82	+0.04	+0.34	F1 IV-V
14 η Dra	6132	16 24 11.4	+61 28 54	d67	2.74	+0.70	+0.91	G8- IIIab
4 ψ Oph	6104	16 24 57.2	-20 04 13		4.50	+0.82	+1.01	K0- II-III
24 ω Her	6117	16 26 05.1	+14 00 03	vd	4.57	-0.04	0.00	B9p Cr
7 χ Oph	6118	16 27 52.0	-18 29 17	6	4.42	-0.75	+0.28	B1.5 Ve
15 Dra	6161	16 27 57.7	+68 44 12		5.00	-0.12	-0.06	B9.5 III
ϵ Nor	6115	16 28 15.1	-47 35 11	d67	4.46	-0.53	-0.07	B4 V
ζ TrA	6098	16 30 02.7	-70 06 54	6	4.91	+0.04	+0.55	F9 V
21 α Sco	6134	16 30 17.9	-26 27 47	d6	0.96	+1.34	+1.83	M1.5 Iab-Ib
27 β Her	6148	16 30 50.6	+21 27 32	d6	2.77	+0.69	+0.94	G7 IIIa Fe-0.5
10 λ Oph	6149	16 31 38.8	+01 57 11	d67	3.82	+0.01	+0.01	A1 IV
8 ϕ Oph	6147	16 31 58.3	-16 38 36	d	4.28	+0.72	+0.92	G8+ IIIa
	6143	16 32 20.0	-34 44 05		4.23	-0.80	-0.16	B2 III-IV
9 ω Oph	6153	16 32 59.9	-21 29 47		4.45	+0.13	+0.13	Ap Sr Cr
35 σ Her	6168	16 34 34.3	+42 24 28	d6	4.20	-0.10	-0.01	A0 IIIn
γ Aps	6102	16 35 43.1	-78 55 37	6	3.89	+0.62	+0.91	G8/K0 III
23 τ Sco	6165	16 36 47.2	-28 14 42	s	2.82	-1.03	-0.25	B0 V
	6166	16 37 19.9	-35 17 02	6	4.16	+1.94	+1.57	K7 III
13 ζ Oph	6175	16 37 57.5	-10 35 43		2.56	-0.86	+0.02	O9.5 Vn
42 Her	6200	16 39 08.5	+48 54 02	d	4.90	+1.76	+1.55	M3- IIIab
40 ζ Her	6212	16 41 50.0	+31 34 37	d67	2.81	+0.21	+0.65	G0 IV
	6196	16 42 24.8	-17 46 09		4.96	+0.87	+1.11	G7.5 II-III CN 1 Ba 0.5
44 η Her	6220	16 43 23.6	+38 53 43	d	3.53	+0.60	+0.92	G7 III Fe-1
22 ϵ UMi	6322	16 44 32.0	+82 00 41	vd6	4.23	+0.55	+0.89	G5 III
β Aps	6163	16 45 10.8	-77 32 42	d	4.24	+0.95	+1.06	K0 III
	6237	16 45 34.4	+56 45 23	d6	4.85	-0.06	+0.38	F2 V+
α TrA	6217	16 50 12.7	-69 03 08		1.92	+1.56	+1.44	K2 IIB-IIIa
20 Oph	6243	16 50 38.2	-10 48 27	6	4.65	+0.07	+0.47	F7 III
η Ara	6229	16 51 02.6	-59 03 56	d	3.76	+1.94	+1.57	K5 III
26 ϵ Sco	6241	16 51 06.3	-34 19 06		2.29	+1.27	+1.15	K2 III
51 Her	6270	16 52 21.4	+24 37 58		5.04	+1.29	+1.25	K0.5 IIIa Ca 0.5
μ^1 Sco	6247	16 52 51.3	-38 04 15	v6	3.08	-0.87	-0.20	B1.5 IVn
μ^2 Sco	6252	16 53 19.2	-38 02 27		3.57	-0.85	-0.21	B2 IV
53 Her	6279	16 53 31.1	+31 40 42	d	5.32	-0.02	+0.29	F2 V
25 ι Oph	6281	16 54 41.7	+10 08 33	6	4.38	-0.32	-0.08	B8 V
ξ^2 Sco	6271	16 55 36.4	-42 23 05		3.62	+1.65	+1.37	K3.5 IIIb
27 κ Oph	6299	16 58 21.3	+09 21 12	as	3.20	+1.18	+1.15	K2 III
ζ Ara	6285	16 59 49.5	-56 00 41		3.13	+1.97	+1.60	K4 III
ϵ^1 Ara	6295	17 00 44.6	-53 10 52		4.06	+1.71	+1.45	K4 IIIab
58 ϵ Her	6324	17 00 50.7	+30 54 21	d6	3.92	-0.10	-0.01	A0 IV+
30 Oph	6318	17 01 49.5	-04 14 36	d	4.82	+1.83	+1.48	K4 III
59 Her	6332	17 02 08.5	+33 32 53		5.25	+0.02	+0.02	A3 IV-Vs
60 Her	6355	17 06 03.1	+12 43 19	d	4.91	+0.05	+0.12	A4 IV
22 ζ Dra	6396	17 08 49.9	+65 41 49	d	3.17	-0.43	-0.12	B6 III
35 η Oph	6378	17 11 12.6	-15 44 30	d67	2.43	+0.09	+0.06	A2 Va+ (Sr)
η Sco	6380	17 13 11.6	-43 15 25		3.33	+0.09	+0.41	F2 V:p (Cr)

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H23

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
64 α^1 Her	6406	17 15 18.6	+14 22 29	sd	3.48	+1.01	+1.44	M5 Ib-II
67 π Her	6418	17 15 33.2	+36 47 37		3.16	+1.66	+1.44	K3 II
65 δ Her	6410	17 15 37.7	+24 49 23	d6	3.14	+0.08	+0.08	A1 Vann
v656 Her	6452	17 20 57.2	+18 02 35		5.00	+2.06	+1.62	M1+ IIIab
72 Her	6458	17 21 12.2	+32 27 00	d	5.39	+0.07	+0.62	G0 V
53 ν Ser	6446	17 21 38.6	-12 51 38	d7	4.33	+0.05	+0.03	A1.5 IV
40 ξ Oph	6445	17 21 52.6	-21 07 38	d7	4.39	-0.05	+0.39	F2 V
42 θ Oph	6453	17 22 54.1	-25 00 46	dv6	3.27	-0.86	-0.22	B2 IV
ι Aps	6411	17 23 43.4	-70 08 11	d7	5.41	-0.23	-0.04	B8/9 Vn
β Ara	6461	17 26 30.5	-55 32 31		2.85	+1.56	+1.46	K3 Ib-IIa
γ Ara	6462	17 26 37.1	-56 23 23	d	3.34	-0.96	-0.13	B1 Ib
49 σ Oph	6498	17 27 14.1	+04 07 44	s	4.34	+1.62	+1.50	K2 II
44 Oph	6486	17 27 15.4	-24 11 15		4.17	+0.12	+0.28	A9m:
	6493	17 27 24.1	-05 05 54	6	4.54	-0.03	+0.39	F2 V
23 δ UMi	6789	17 27 36.2	+86 34 34		4.36	+0.03	+0.02	A1 Van
45 Oph	6492	17 28 16.9	-29 52 44		4.29	+0.09	+0.40	δ Del
23 β Dra	6536	17 30 45.7	+52 17 28	sd	2.79	+0.64	+0.98	G2 Ib-IIa
76 λ Her	6526	17 31 19.5	+26 06 02		4.41	+1.68	+1.44	K3.5 III
34 ν Sco	6508	17 31 45.1	-37 18 22	6	2.69	-0.82	-0.22	B2 IV
27 Dra	6566	17 31 54.5	+68 07 33	d6	5.05	+0.92	+1.08	G9 IIIb
δ Ara	6500	17 32 24.6	-60 41 39	d	3.62	-0.31	-0.10	B8 Vn
24 ν^1 Dra	6554	17 32 27.8	+55 10 29	6	4.88	+0.04	+0.26	A7m
25 ν^2 Dra	6555	17 32 33.2	+55 09 49	d6	4.87	+0.06	+0.28	A7m
α Ara	6510	17 32 57.9	-49 53 10	d6	2.95	-0.69	-0.17	B2 Vne
35 λ Sco	6527	17 34 35.7	-37 06 47	vd6	1.63	-0.89	-0.22	B1.5 IV
55 α Oph	6556	17 35 36.5	+12 33 02	6	2.08	+0.10	+0.15	A5 Vnn
28 ω Dra	6596	17 36 52.1	+68 45 04	d6	4.80	-0.01	+0.43	F4 V
	6546	17 37 32.8	-38 38 39		4.29	+0.90	+1.09	G8/K0 III/IV
θ Sco	6553	17 38 21.7	-43 00 20		1.87	+0.22	+0.40	F1 III
55 ξ Ser	6561	17 38 25.1	-15 24 24	d6	3.54	+0.14	+0.26	F0 IIIb
85 ι Her	6588	17 39 52.5	+45 59 57	svd6	3.80	-0.69	-0.18	B3 IV
31 ψ Dra	6636	17 41 41.1	+72 08 29	d	4.58	+0.01	+0.42	F5 V
56 σ Ser	6581	17 42 13.8	-12 52 55	6	4.26	+0.10	+0.08	A2 Va
κ Sco	6580	17 43 29.5	-39 02 10	v6	2.41	-0.89	-0.22	B1.5 III
84 Her	6608	17 43 57.3	+24 19 21	s	5.71	+0.27	+0.65	G2 IIIb
60 β Oph	6603	17 44 11.4	+04 33 44		2.77	+1.24	+1.16	K2 III CN 0.5
58 Oph	6595	17 44 18.0	-21 41 21		4.87	-0.03	+0.47	F7 V:
μ Ara	6585	17 45 17.9	-51 50 25		5.15	+0.24	+0.70	G5 V
86 ν Her	6623	17 47 01.6	+27 42 47	asd	3.42	+0.39	+0.75	G5 IV
η Pav	6582	17 47 09.5	-64 43 44		3.62	+1.17	+1.19	K1 IIIa CN 1
3 X Sgr	6616	17 48 28.4	-27 50 06	v	4.54	+0.50	+0.80	F3 II
ι^1 Sco	6615	17 48 36.0	-40 07 52	sd6	3.03	+0.27	+0.51	F2 Ia
62 γ Oph	6629	17 48 37.2	+02 42 10	6	3.75	+0.04	+0.04	A0 Van
35 Dra	6701	17 48 48.2	+76 57 36		5.04	+0.08	+0.49	F7 IV
	6630	17 50 50.7	-37 02 48	d	3.21	+1.19	+1.17	K2 III
32 ξ Dra	6688	17 53 46.8	+56 52 15	d	3.75	+1.21	+1.18	K2 III
89 v441 Her	6685	17 56 00.3	+26 02 55	sv6	5.45	+0.26	+0.34	F2 Ibp
91 θ Her	6695	17 56 45.0	+37 14 58		3.86	+1.46	+1.35	K1 IIa CN 2
33 γ Dra	6705	17 56 56.6	+51 29 16	asd	2.23	+1.87	+1.52	K5 III
92 ξ Her	6703	17 58 19.7	+29 14 50	v	3.70	+0.70	+0.94	G8.5 III

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
94 ν Her	6707	17 59 03.5	+30 11 20	d	4.41	+0.15	+0.39	F2m
64 ν Oph	6698	17 59 49.5	-09 46 27		3.34	+0.88	+0.99	G9 IIIa
93 Her	6713	18 00 42.2	+16 45 04		4.67	+1.22	+1.26	K0.5 IIb
67 Oph	6714	18 01 22.3	+02 55 55	sd	3.97	-0.62	+0.02	B5 Ib
68 Oph	6723	18 02 29.4	+01 18 21	d67	4.45	0.00	+0.02	A0.5 Van
W Sgr	6742	18 05 56.8	-29 34 41	vd6	4.69	+0.52	+0.78	G0 Ib/II
70 Oph	6752	18 06 11.1	+02 29 54	dv67	4.03	+0.54	+0.86	K0 ⁻ V
10 γ Sgr	6746	18 06 44.4	-30 25 21	6	2.99	+0.77	+1.00	K0 ⁺ III
θ Ara	6743	18 07 45.6	-50 05 20		3.66	-0.85	-0.08	B2 Ib
	6791	18 07 55.0	+43 27 52	s6	5.00	+0.71	+0.91	G8 III CN-1 CH-3
72 Oph	6771	18 08 02.2	+09 34 01	d6	3.73	+0.10	+0.12	A5 IV-V
103 o Her	6779	18 08 06.5	+28 45 55	d6	3.83	-0.07	-0.03	A0 II-III
102 Her	6787	18 09 22.7	+20 49 04	d	4.36	-0.81	-0.16	B2 IV
π Pav	6745	18 09 58.5	-63 39 58	6	4.35	+0.18	+0.22	A7p Sr
ϵ Tel	6783	18 12 18.3	-45 57 02	d	4.53	+0.78	+1.01	K0 III
36 Dra	6850	18 13 58.8	+64 24 08	d	5.02	-0.06	+0.41	F5 V
13 μ Sgr	6812	18 14 37.8	-21 03 14	d6	3.86	-0.49	+0.23	B9 Ia
	6819	18 18 20.8	-56 01 02	6	5.33	-0.69	-0.05	B3 IIIpe
η Sgr	6832	18 18 36.5	-36 45 22	d7	3.11	+1.71	+1.56	M3.5 IIIab
1 κ Lyr	6872	18 20 22.2	+36 04 18		4.33	+1.19	+1.17	K2 ⁻ IIIab CN 0.5
43 ϕ Dra	6920	18 20 32.9	+71 20 43	vd67	4.22	-0.33	-0.10	A0p Si
44 χ Dra	6927	18 20 47.6	+72 44 20	d6	3.57	-0.06	+0.49	F7 V
74 Oph	6866	18 21 35.5	+03 23 05	d	4.86	+0.62	+0.91	G8 III
19 δ Sgr	6859	18 21 55.3	-29 49 14	d	2.70	+1.55	+1.38	K2.5 IIIa CN 0.5
58 η Ser	6869	18 22 03.6	-02 53 38	d	3.26	+0.66	+0.94	K0 III-IV
109 Her	6895	18 24 19.0	+21 46 38	sd	3.84	+1.17	+1.18	K2 IIIab
ξ Pav	6855	18 24 33.7	-61 29 08	d67	4.36	+1.55	+1.48	K4 III
20 ϵ Sgr	6879	18 25 08.0	-34 22 35	d	1.85	-0.13	-0.03	A0 II ⁻ n (shell)
α Tel	6897	18 28 02.9	-45 57 32		3.51	-0.64	-0.17	B3 IV
22 λ Sgr	6913	18 28 51.9	-25 24 45		2.81	+0.89	+1.04	K1 IIIb
ζ Tel	6905	18 29 56.8	-49 03 40		4.13	+0.82	+1.02	G8/K0 III
γ Sct	6930	18 30 01.4	-14 33 20		4.70	+0.06	+0.06	A2 III ⁻
60 Ser	6935	18 30 26.3	-01 58 30	6	5.39	+0.76	+0.96	K0 III
θ Cra	6951	18 34 32.3	-42 18 02		4.64	+0.76	+1.01	G8 III
α Sct	6973	18 35 59.8	-08 13 58		3.85	+1.54	+1.33	K3 III
	6985	18 37 09.3	+09 08 06	6	5.39	-0.02	+0.37	F5 IIIs
3 α Lyr	7001	18 37 25.8	+38 47 52	asd	0.03	-0.01	0.00	A0 Va
δ Sct	7020	18 43 04.1	-09 02 15	vd6	4.72	+0.14	+0.35	F2 III (str. met.)
ϵ Sct	7032	18 44 18.6	-08 15 35	d	4.90	+0.87	+1.12	G8 IIb
ζ Pav	6982	18 44 43.3	-71 24 48	d	4.01	+1.02	+1.14	K0 III
6 ζ^1 Lyr	7056	18 45 16.3	+37 37 16	d6	4.36	+0.16	+0.19	A5m
50 Dra	7124	18 45 53.7	+75 27 01	6	5.35	+0.04	+0.05	A1 Vn
110 Her	7061	18 46 17.2	+20 33 40	d	4.19	+0.01	+0.46	F6 V
27 ϕ Sgr	7039	18 46 33.7	-26 58 29	6	3.17	-0.36	-0.11	B8 III
	7064	18 46 39.6	+26 40 42		4.83	+1.23	+1.20	K2 III
111 Her	7069	18 47 39.7	+18 11 55	d6	4.36	+0.07	+0.13	A3 Va ⁺
β Sct	7063	18 47 56.6	-04 43 53	6	4.22	+0.81	+1.10	G4 IIa
R Sct	7066	18 48 15.4	-05 41 19	s	5.20	+1.64	+1.47	K0 Ib:p Ca-1
η^1 CrA	7062	18 49 53.2	-43 39 46		5.49		+0.13	A2 Vn
10 β Lyr	7106	18 50 36.9	+33 22 49	cvd6	3.45	-0.56	0.00	B7 Vpe (shell)

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H25

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
47 <i>o</i> Dra	7125	18 51 24.9	+59 24 23	dv6	4.66	+1.04	+1.19	G9 III Fe-0.5
λ Pav	7074	18 53 33.4	-62 10 09	d	4.22	-0.89	-0.14	B2 II-III
52 <i>v</i> Dra	7180	18 54 12.9	+71 18 59	6	4.82	+1.10	+1.15	K0 III CN 0.5
12 δ ² Lyr	7139	18 55 00.7	+36 55 04	d	4.30	+1.65	+1.68	M4 II
13 R Lyr	7157	18 55 46.6	+43 57 57	s6	4.04	+1.41	+1.59	M5 III (var)
34 σ Sgr	7121	18 56 09.8	-26 16 39	d	2.02	-0.75	-0.22	B3 IV
63 θ ¹ Ser	7141	18 56 56.4	+04 13 24	d	4.61	+0.11	+0.16	A5 V
κ Pav	7107	18 58 26.3	-67 12 48	v	4.44	+0.71	+0.60	F5 I-II
37 ξ ² Sgr	7150	18 58 35.7	-21 05 11		3.51	+1.13	+1.18	K1 III
14 γ Lyr	7178	18 59 29.2	+32 42 37	d	3.24	-0.09	-0.05	B9 II
λ Tel	7134	18 59 37.2	-52 55 05	6	4.87		-0.05	A0 III ⁺
13 ε Aql	7176	19 00 16.9	+15 05 20	d6	4.02	+1.04	+1.08	K1 ⁻ III CN 0.5
12 α Aql	7193	19 02 27.3	-05 43 04		4.02	+1.04	+1.09	K1 III
χ Oct	6721	19 02 57.2	-87 35 09		5.28	+1.60	+1.28	K3 III
38 ζ Sgr	7194	19 03 32.0	-29 51 29	d67	2.60	+0.06	+0.08	A2 IV-V
39 <i>o</i> Sgr	7217	19 05 33.1	-21 43 09	d	3.77	+0.85	+1.01	G9 IIIb
17 ζ Aql	7235	19 06 04.6	+13 53 09	d6	2.99	-0.01	+0.01	A0 Vann
16 λ Aql	7236	19 07 01.1	-04 51 35		3.44	-0.27	-0.09	A0 IVp (wk 4481)
18 ι Lyr	7262	19 07 49.2	+36 07 25	d	5.28	-0.51	-0.11	B6 IV
40 τ Sgr	7234	19 07 50.7	-27 38 53	6	3.32	+1.15	+1.19	K1.5 IIIb
α CrA	7254	19 10 27.4	-37 52 50		4.11	+0.08	+0.04	A2 IVn
41 π Sgr	7264	19 10 37.5	-20 59 58	d7	2.89	+0.22	+0.35	F2 II-III
β CrA	7259	19 11 01.5	-39 18 59		4.11	+1.07	+1.20	K0 II
57 δ Dra	7310	19 12 33.3	+67 41 13	d	3.07	+0.78	+1.00	G9 III
20 α Aql	7279	19 13 27.9	-07 54 51		5.34	-0.44	+0.13	B3 V
20 η Lyr	7298	19 14 15.1	+39 10 18	d6	4.39	-0.65	-0.15	B2.5 IV
60 τ Dra	7352	19 15 15.9	+73 22 55	6	4.45	+1.45	+1.25	K2 ⁺ IIIb CN 1
21 θ Lyr	7314	19 16 52.3	+38 09 37	d	4.36	+1.23	+1.26	K0 II
1 κ Cyg	7328	19 17 26.3	+53 23 44	6	3.77	+0.74	+0.96	G9 III
43 Sgr	7304	19 18 28.9	-18 55 34		4.96	+0.80	+1.02	G8 II-III
25 ω ¹ Aql	7315	19 18 29.8	+11 37 21		5.28	+0.22	+0.20	F0 IV
44 ρ ¹ Sgr	7340	19 22 30.8	-17 49 08		3.93	+0.13	+0.22	F0 III-IV
46 <i>v</i> Sgr	7342	19 22 33.4	-15 55 36	6	4.61	-0.53	+0.10	Apep
β ¹ Sgr	7337	19 23 40.7	-44 25 49	d	4.01	-0.39	-0.10	B8 V
β ² Sgr	7343	19 24 15.8	-44 46 16		4.29	+0.07	+0.34	F0 IV
α Sgr	7348	19 24 53.3	-40 35 15	6	3.97	-0.33	-0.10	B8 V
31 Aql	7373	19 25 39.7	+11 58 35	d	5.16	+0.42	+0.77	G7 IV Hδ 1
30 δ Aql	7377	19 26 13.7	+03 08 41	d6	3.36	+0.04	+0.32	F2 IV-V
6 α Vul	7405	19 29 18.5	+24 41 42	d	4.44	+1.81	+1.50	M0.5 IIIb
10 ι ² Cyg	7420	19 30 04.3	+51 45 40		3.79	+0.11	+0.14	A4 V
6 β Cyg	7417	19 31 18.4	+27 59 27	cd	3.08	+0.62	+1.13	K3 II + B9.5 V
36 Aql	7414	19 31 25.3	-02 45 28		5.03	+2.05	+1.75	M1 IIIab
8 Cyg	7426	19 32 18.7	+34 29 04		4.74	-0.65	-0.14	B3 IV
61 σ Dra	7462	19 32 19.7	+69 41 09	asd	4.68	+0.38	+0.79	K0 V
38 μ Aql	7429	19 34 47.8	+07 24 38	d	4.45	+1.26	+1.17	K3 ⁻ IIIb Fe 0.5
ι Tel	7424	19 36 17.3	-48 04 00		4.90		+1.09	K0 III
13 θ Cyg	7469	19 36 49.9	+50 15 19	d	4.48	-0.03	+0.38	F4 V
41 ι Aql	7447	19 37 28.3	-01 15 13	d	4.36	-0.44	-0.08	B5 III
52 Sgr	7440	19 37 35.3	-24 51 02	d	4.60	-0.15	-0.07	B8/9 V
39 κ Aql	7446	19 37 40.2	-06 59 39		4.95	-0.87	0.00	B0.5 III _n

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type	
		h m s	° ' "						
5	α Sge	7479	19 40 44.7	+18 02 53	d	4.37	+0.43	+0.78	G1 II
		7495	19 41 17.0	+45 33 36	sd	5.06	+0.15	+0.40	F5 II-III
54	Sgr	7476	19 41 33.2	-16 15 32	d	5.30	+1.06	+1.13	K2 III
6	β Sge	7488	19 41 42.0	+17 30 38		4.37	+0.89	+1.05	G8 IIIa CN 0.5
16	Cyg	7503	19 42 12.1	+50 33 33	sd	5.96	+0.19	+0.64	G1.5 Vb
16	Cyg	7504	19 42 15.1	+50 33 06	s	6.20	+0.20	+0.66	G3 V
55	Sgr	7489	19 43 20.8	-16 05 20	6	5.06	+0.09	+0.33	F0 IVn:
10	Vul	7506	19 44 19.1	+25 48 27		5.49	+0.67	+0.93	G8 III
15	Cyg	7517	19 44 48.0	+37 23 24		4.89	+0.69	+0.95	G8 III
18	δ Cyg	7528	19 45 25.7	+45 10 00	d67	2.87	-0.10	-0.03	B9.5 III
50	γ Aql	7525	19 46 56.9	+10 38 58	d	2.72	+1.68	+1.52	K3 II
56	Sgr	7515	19 47 12.4	-19 43 31		4.86	+0.96	+0.93	K0+ III
7	δ Sge	7536	19 48 02.0	+18 34 15	cd6	3.82	+0.96	+1.41	M2 II + A0 V
63	ϵ Dra	7582	19 48 07.0	+70 18 17	d67	3.83	+0.52	+0.89	G7 IIIb Fe-1
	ν Tel	7510	19 49 11.8	-56 19 35		5.35		+0.20	A9 Vn
	χ Cyg	7564	19 51 07.4	+32 57 05	vd	4.23	+0.96	+1.82	S6+/1e
53	α Aql	7557	19 51 29.4	+08 54 27	dv	0.77	+0.08	+0.22	A7 Vnn
51	Aql	7553	19 51 34.6	-10 43 33	d	5.39		+0.38	F0 V
		7589	19 52 25.3	+47 03 55	s	5.62	-0.97	-0.07	O9.5 Iab
v3961	Sgr	7552	19 52 49.5	-39 50 11	sv6	5.33	-0.22	-0.06	A0p Si Cr Eu
9	Sge	7574	19 53 00.6	+18 42 36	s6	6.23	-0.92	+0.01	O8 If
55	η Aql	7570	19 53 12.7	+01 02 38	v6	3.90	+0.51	+0.89	F6-G1 Ib
v1291	Aql	7575	19 54 04.3	-03 04 34	s	5.65	+0.10	+0.20	A5p Sr Cr Eu
60	β Aql	7602	19 56 01.5	+06 26 38	ad	3.71	+0.48	+0.86	G8 IV
	ι Sgr	7581	19 56 15.5	-41 49 44		4.13	+0.90	+1.08	G8 III
21	η Cyg	7615	19 56 51.0	+35 07 21	d	3.89	+0.89	+1.02	K0 III
61	Sgr	7614	19 58 46.3	-15 27 07		5.02	+0.07	+0.05	A3 Va
12	γ Sge	7635	19 59 24.1	+19 31 56	s	3.47	+1.93	+1.57	M0- III
	θ^1 Sgr	7623	20 00 40.6	-35 14 10	d6	4.37	-0.67	-0.15	B2.5 IV
15	NT Vul	7653	20 01 41.9	+27 47 40	6	4.64	+0.16	+0.18	A7m
	ϵ Pav	7590	20 02 14.7	-72 52 13		3.96	-0.05	-0.03	A0 Va
62 v3872	Sgr	7650	20 03 32.8	-27 40 07		4.58	+1.80	+1.65	M4.5 III
1	κ Cep	7750	20 08 22.6	+77 45 16	d7	4.39	-0.11	-0.05	B9 III
	ξ Tel	7673	20 08 29.4	-52 50 17	6	4.94	+1.84	+1.62	M1 IIab
28 v1624	Cyg	7708	20 09 58.0	+36 52 59	6	4.93	-0.77	-0.13	B2.5 V
	δ Pav	7665	20 10 08.1	-66 08 36		3.56	+0.45	+0.76	G6/8 IV
65	θ Aql	7710	20 12 03.1	-00 46 39	d6	3.23	-0.14	-0.07	B9.5 III+
33	Cyg	7740	20 13 44.0	+56 36 45	6	4.30	+0.08	+0.11	A3 IVn
31	σ^1 Cyg	7735	20 14 05.3	+46 47 09	cvd6	3.79	+0.42	+1.28	K2 II + B4 V
67	ρ Aql	7724	20 14 56.9	+15 14 33	6	4.95	+0.01	+0.08	A1 Va
32	σ^2 Cyg	7751	20 15 55.2	+47 45 33	cvd6	3.98	+1.03	+1.52	K3 II + B9: V
24	Vul	7753	20 17 24.3	+24 42 59		5.32	+0.67	+0.95	G8 III
34	P Cyg	7763	20 18 19.3	+38 04 43	s	4.81	-0.58	+0.42	B1pe
5	α^1 Cap	7747	20 18 27.0	-12 27 45	d6	4.24	+0.78	+1.07	G3 Ib
6	α^2 Cap	7754	20 18 51.4	-12 29 56	d6	3.57	+0.69	+0.94	G9 III
9	β Cap	7776	20 21 49.5	-14 44 05	cd67	3.08	+0.28	+0.79	K0 II: + A5n: V:
37	γ Cyg	7796	20 22 44.9	+40 18 13	asd	2.20	+0.53	+0.68	F8 Ib
		7794	20 23 53.8	+05 23 25		5.31	+0.77	+0.97	G8 III-IV
39	Cyg	7806	20 24 26.4	+32 14 15	s	4.43	+1.50	+1.33	K2.5 III Fe-0.5
	α Pav	7790	20 26 47.2	-56 41 14	d6	1.94	-0.71	-0.20	B2.5 V

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Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type	
		h m s	° ' "						
2	θ Cep	7850	20 29 49.4	+63 02 35	6	4.22	+0.16	+0.20	A7m
41	Cyg	7834	20 29 59.3	+30 25 03		4.01	+0.27	+0.40	F5 II
69	Aql	7831	20 30 24.4	-02 50 11		4.91	+1.22	+1.15	K2 III
73	AF Dra	7879	20 31 18.0	+75 00 15	6	5.20	+0.11	+0.07	A0p Sr Cr Eu
2	ϵ Del	7852	20 33 54.3	+11 21 12		4.03	-0.47	-0.13	B6 III
6	β Del	7882	20 38 13.8	+14 38 46	d6	3.63	+0.08	+0.44	F5 IV
	α Ind	7869	20 38 34.9	-47 14 24	d	3.11	+0.79	+1.00	K0 III CN-1
71	Aql	7884	20 39 05.2	-01 03 13	d6	4.32	+0.69	+0.95	G7.5 IIIa
29	Vul	7891	20 39 10.2	+21 15 10		4.82	-0.08	-0.02	A0 Va (shell)
7	κ Del	7896	20 39 50.0	+10 08 17	d	5.05	+0.21	+0.72	G2 IV
9	α Del	7906	20 40 18.7	+15 57 50	d6	3.77	-0.21	-0.06	B9 IV
15	ν Cap	7900	20 40 52.4	-18 05 12		5.10	+1.99	+1.66	M1 III
49	Cyg	7921	20 41 37.8	+32 21 34	sd6	5.51		+0.88	G8 IIb
50	α Cyg	7924	20 41 55.6	+45 19 58	asd6	1.25	-0.24	+0.09	A2 Ia
11	δ Del	7928	20 44 08.2	+15 07 38	v6	4.43	+0.10	+0.32	F0m
	η Ind	7920	20 45 05.8	-51 52 05		4.51	+0.09	+0.27	A9 IV
3	η Cep	7957	20 45 34.9	+61 53 43	d	3.43	+0.62	+0.92	K0 IV
		7955	20 45 42.7	+57 37 56	d6	4.51	+0.10	+0.54	F8 IV-V
	β Pav	7913	20 46 14.9	-66 08 59		3.42	+0.12	+0.16	A6 IV-
52	Cyg	7942	20 46 15.7	+30 46 24	d	4.22	+0.89	+1.05	K0 IIIa
53	ϵ Cyg	7949	20 46 47.9	+34 01 31	ad6	2.46	+0.87	+1.03	K0 III
16	ψ Cap	7936	20 46 57.1	-25 13 04		4.14	+0.02	+0.43	F4 V
12	γ^2 Del	7948	20 47 19.9	+16 10 38	d	4.27	+0.97	+1.04	K1 IV
54	λ Cyg	7963	20 47 58.5	+36 32 41	d67	4.53	-0.49	-0.11	B6 IV
2	ϵ Aqr	7950	20 48 27.6	-09 26 31		3.77	+0.02	0.00	A1 III-
3	EN Aqr	7951	20 48 30.1	-04 58 26		4.42	+1.92	+1.65	M3 III
55	v1661 Cyg	7977	20 49 26.0	+46 10 06	sd	4.84	-0.45	+0.41	B2.5 Ia
	ι Mic	7943	20 49 27.8	-43 56 05	d7	5.11	+0.06	+0.35	F1 IV
18	ω Cap	7980	20 52 41.0	-26 51 50		4.11	+1.93	+1.64	M0 III Ba 0.5
6	μ Aqr	7990	20 53 26.1	-08 55 41	d6	4.73	+0.11	+0.32	F2m
32	Vul	8008	20 55 10.8	+28 06 48		5.01	+1.79	+1.48	K4 III
	β Ind	7986	20 55 56.0	-58 23 54	d	3.65	+1.23	+1.25	K1 II
		8023	20 57 05.5	+44 58 52	s6	5.96	-0.85	+0.05	O6 V
58	ν Cyg	8028	20 57 42.9	+41 13 25	d6	3.94	0.00	+0.02	A0.5 IIIn
33	Vul	8032	20 58 55.3	+22 22 57		5.31		+1.40	K3.5 III
59	v832 Cyg	8047	21 00 19.2	+47 34 41	d6	4.70	-0.93	-0.04	B1.5 Vnne
20	AO Cap	8033	21 00 25.5	-18 58 42	sv	6.25		-0.13	B9psi
	γ Mic	8039	21 02 10.6	-32 12 01	d	4.67	+0.54	+0.89	G8 III
	ζ Mic	8048	21 03 53.3	-38 34 26		5.30		+0.41	F3 V
62	ξ Cyg	8079	21 05 27.6	+43 59 10	s6	3.72	+1.83	+1.65	K4.5 Ib-II
	α Oct	8021	21 06 25.6	-76 58 01	cv6	5.15	+0.13	+0.49	G2 III + A7 III
23	θ Cap	8075	21 06 45.6	-17 10 28	6	4.07	+0.01	-0.01	A1 Va+
61	v1803 Cyg	8085	21 07 33.0	+38 49 17	asd	5.21	+1.11	+1.18	K5 V
61	Cyg	8086	21 07 34.3	+38 48 49	sd	6.03	+1.23	+1.37	K7 V
24	Cap	8080	21 07 58.4	-24 56 50	d	4.50	+1.93	+1.61	M1- III
13	ν Aqr	8093	21 10 23.0	-11 18 44		4.51	+0.70	+0.94	G8+ III
5	γ Equ	8097	21 11 02.8	+10 11 26	d	4.69	+0.10	+0.26	F0p Sr Eu
64	ζ Cyg	8115	21 13 33.3	+30 17 13	sd6	3.20	+0.76	+0.99	G8+ III-IIIa Ba 0.5
		8110	21 14 08.7	-27 33 34		5.42	+1.69	+1.42	K5 III
	o Pav	8092	21 14 40.7	-70 03 57	6	5.02	+1.56	+1.58	M1/2 III

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type	
		h m s	° ' "						
7	δ Equ	8123	21 15 11.2	+10 03 59	d67	4.49	-0.01	+0.50	F8 V
65	τ Cyg	8130	21 15 22.3	+38 06 28	d67	3.72	+0.02	+0.39	F2 V
8	α Equ	8131	21 16 32.9	+05 18 30	cd6	3.92	+0.29	+0.53	G2 II-III + A4 V
67	σ Cyg	8143	21 17 59.2	+39 27 22	6	4.23	-0.39	+0.12	B9 Iab
66	ν Cyg	8146	21 18 30.9	+34 57 30	d6	4.43	-0.82	-0.11	B2 Ve
	ϵ Mic	8135	21 18 48.8	-32 06 40		4.71	+0.02	+0.06	A1m A2 Va+
5	α Cep	8162	21 18 55.5	+62 38 50	d	2.44	+0.11	+0.22	A7 V+n
	θ Ind	8140	21 20 53.5	-53 23 16	d7	4.39	+0.12	+0.19	A5 IV-V
	σ Oct	7228	21 20 54.8	-88 53 45	v	5.47	+0.13	+0.27	F0 III
	θ^1 Mic	8151	21 21 41.0	-40 44 50	dv	4.82	-0.07	+0.02	Ap Cr Eu
1	Peg	8173	21 22 45.5	+19 52 02	d6	4.08	+1.06	+1.11	K1 III
32	ι Cap	8167	21 23 03.1	-16 46 20		4.28	+0.58	+0.90	G7 III Fe-1.5
18	Aqr	8187	21 24 58.9	-12 48 55	d	5.49	+0.29	+0.29	F0 V+
69	Cyg	8209	21 26 22.6	+36 43 50	sd	5.94	-0.94	-0.08	B0 Ib
34	ζ Cap	8204	21 27 29.5	-22 20 52	d6	3.74	+0.59	+1.00	G4 Ib: Ba 2
	γ Pav	8181	21 27 37.5	-65 17 58		4.22	-0.12	+0.49	F6 Vp
8	β Cep	8238	21 28 50.5	+70 37 28	vd6	3.23	-0.95	-0.22	B1 III
36	Cap	8213	21 29 32.9	-21 44 36		4.51	+0.60	+0.91	G7 IIIb Fe-1
71	Cyg	8228	21 29 59.1	+46 36 18		5.24	+0.80	+0.97	K0- III
2	Peg	8225	21 30 36.3	+23 42 11	d	4.57	+1.93	+1.62	M1+ III
22	β Aqr	8232	21 32 19.3	-05 30 24	asd	2.91	+0.56	+0.83	G0 Ib
73	ρ Cyg	8252	21 34 31.6	+45 39 23		4.02	+0.56	+0.89	G8 III Fe-0.5
74	Cyg	8266	21 37 31.9	+40 28 45		5.01	+0.10	+0.18	A5 V
9 v337	Cep	8279	21 38 18.6	+62 08 52	as	4.73	-0.53	+0.30	B2 Ib
5	Peg	8267	21 38 26.2	+19 23 04		5.45	+0.14	+0.30	F0 V+
23	ξ Aqr	8264	21 38 31.4	-07 47 19	d6	4.69	+0.13	+0.17	A5 Vn
75	Cyg	8284	21 40 45.3	+43 20 24	sd	5.11	+1.90	+1.60	M1 IIIab
40	γ Cap	8278	21 40 53.5	-16 35 46	6	3.68	+0.20	+0.32	A7m:
11	Cep	8317	21 42 07.7	+71 22 42		4.56	+1.10	+1.10	K0.5 III
	ν Oct	8254	21 43 02.4	-77 19 28	6	3.76	+0.89	+1.00	K0 III
	μ Cep	8316	21 43 57.1	+58 50 49	asd	4.08	+2.42	+2.35	M2- Ia
8	ϵ Peg	8308	21 44 53.9	+09 56 31	sd	2.39	+1.70	+1.53	K2 Ib-II
9	Peg	8313	21 45 11.9	+17 25 01	as	4.34	+1.00	+1.17	G5 Ib
10	κ Peg	8315	21 45 18.2	+25 42 44	d67	4.13	+0.03	+0.43	F5 IV
9	ι PsA	8305	21 45 48.4	-32 57 32	d6	4.34	-0.11	-0.05	A0 IV
10	ν Cep	8334	21 45 52.1	+61 11 17		4.29	+0.13	+0.52	A2 Ia
81	π^2 Cyg	8335	21 47 19.8	+49 22 37	d6	4.23	-0.71	-0.12	B2.5 III
49	δ Cap	8322	21 47 50.4	-16 03 39	vd6	2.87	+0.09	+0.29	F2m
14	Peg	8343	21 50 29.3	+30 14 32	6	5.04	+0.03	-0.03	A1 Vs
	o Ind	8333	21 51 59.4	-69 33 40		5.53	+1.63	+1.37	K2/3 III
16	Peg	8356	21 53 43.4	+25 59 38	6	5.08	-0.67	-0.17	B3 V
51	μ Cap	8351	21 54 05.1	-13 28 59		5.08	-0.01	+0.37	F2 V
	γ Gru	8353	21 54 48.1	-37 17 46		3.01	-0.37	-0.12	B8 IV-Vs
13	Cep	8371	21 55 22.5	+56 40 49	s	5.80	-0.02	+0.73	B8 Ib
	δ Ind	8368	21 58 53.7	-54 55 23	d7	4.40	+0.10	+0.28	F0 III-IVn
17	ξ Cep	8417	22 04 12.7	+64 41 56	d6	4.29	+0.09	+0.34	A7m:
	ϵ Ind	8387	22 04 27.6	-56 43 32		4.69	+0.99	+1.06	K4/5 V
20	Cep	8426	22 05 27.0	+62 51 24		5.27	+1.78	+1.41	K4 III
19	Cep	8428	22 05 35.7	+62 21 02	sd	5.11	-0.84	+0.08	O9.5 Ib
34	α Aqr	8414	22 06 31.7	-00 14 56	sd	2.96	+0.74	+0.98	G2 Ib

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Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
λ Gru	8411	22 06 59.0	-39 28 22		4.46	+1.66	+1.37	K3 III
33 ι Aqr	8418	22 07 13.1	-13 47 56	6	4.27	-0.29	-0.07	B9 IV-V
24 ι Peg	8430	22 07 41.2	+25 24 59	d6	3.76	-0.04	+0.44	F5 V
α Gru	8425	22 09 08.4	-46 53 25	d	1.74	-0.47	-0.13	B7 Vn
14 μ PsA	8431	22 09 13.5	-32 55 02		4.50	+0.05	+0.05	A1 IVnn
24 Cep	8468	22 10 05.0	+72 24 46		4.79	+0.61	+0.92	G7 II-III
29 π Peg	8454	22 10 38.0	+33 14 59		4.29	+0.18	+0.46	F3 III
26 θ Peg	8450	22 10 55.9	+06 16 11	6	3.53	+0.10	+0.08	A2m A1 IV-V
21 ζ Cep	8465	22 11 21.6	+58 16 23	6	3.35	+1.71	+1.57	K1.5 Ib
	8546	22 11 46.0	+86 10 48	6	5.27	-0.11	-0.03	B9.5 Vn
22 λ Cep	8469	22 12 00.2	+59 29 11	s	5.04	-0.74	+0.25	O6 If
	8485	22 14 30.2	+39 47 14	d6	4.49	+1.45	+1.39	K2.5 III
16 λ PsA	8478	22 15 07.9	-27 41 40		5.43	-0.55	-0.16	B8 III
23 ϵ Cep	8494	22 15 34.4	+57 06 58	d6	4.19	+0.04	+0.28	A9 IV
1 Lac	8498	22 16 36.2	+37 49 17		4.13	+1.63	+1.46	K3 ⁻ II-III
43 θ Aqr	8499	22 17 35.9	-07 42 38		4.16	+0.81	+0.98	G9 III
α Tuc	8502	22 19 29.0	-60 11 12	6	2.86	+1.54	+1.39	K3 III
ϵ Oct	8481	22 21 34.6	-80 22 00		5.10	+1.09	+1.47	M6 III
31 IN Peg	8520	22 22 13.9	+12 16 43		5.01	-0.81	-0.13	B2 IV-V
47 Aqr	8516	22 22 23.3	-21 31 30		5.13	+0.92	+1.07	K0 III
48 γ Aqr	8518	22 22 24.3	-01 18 50	d6	3.84	-0.12	-0.05	B9.5 III-IV
3 β Lac	8538	22 24 08.0	+52 18 07	d	4.43	+0.77	+1.02	G9 IIIb Ca 1
52 π Aqr	8539	22 26 01.0	+01 27 05		4.66	-0.98	-0.03	B1 Ve
δ Tuc	8540	22 28 20.9	-64 53 31	d7	4.48	-0.07	-0.03	B9.5 IVn
ν Gru	8552	22 29 29.9	-39 03 29	d	5.47		+0.95	G8 III
55 ζ^2 Aqr	8559	22 29 34.7	+00 03 17	cd	4.49	0.00	+0.37	F2.5 IV-V
27 δ Cep	8571	22 29 42.7	+58 29 23	vd6	3.75		+0.60	F5-G2 Ib
29 ρ^2 Cep	8591	22 29 59.9	+78 53 56	6	5.50	+0.08	+0.07	A3 V
δ^1 Gru	8556	22 30 07.8	-43 25 16	d	3.97	+0.80	+1.03	G6/8 III
5 Lac	8572	22 30 08.2	+47 46 53	cd6	4.36	+1.11	+1.68	M0 II + B8 V
δ^2 Gru	8560	22 30 37.1	-43 40 29	d	4.11	+1.71	+1.57	M4.5 IIIa
6 Lac	8579	22 31 07.0	+43 11 53	6	4.51	-0.74	-0.09	B2 IV
57 σ Aqr	8573	22 31 24.8	-10 36 12	d6	4.82	-0.11	-0.06	A0 IV
7 α Lac	8585	22 31 53.5	+50 21 26	d	3.77	0.00	+0.01	A1 Va
17 β PsA	8576	22 32 19.6	-32 16 17	d7	4.29	+0.02	+0.01	A1 Va
59 ν Aqr	8592	22 35 29.1	-20 38 01		5.20	0.00	+0.44	F5 V
62 η Aqr	8597	22 36 06.1	-00 02 33		4.02	-0.26	-0.09	B9 IV-V:n
31 Cep	8615	22 36 07.6	+73 43 07		5.08	+0.16	+0.39	F3 III-IV
63 κ Aqr	8610	22 38 30.4	-04 09 11	d	5.03	+1.16	+1.14	K1.5 IIIb CN 0.5
30 Cep	8627	22 39 10.1	+63 39 36	6	5.19	0.00	+0.06	A3 IV
10 Lac	8622	22 39 54.9	+39 07 34	ad	4.88	-1.04	-0.20	O9 V
	8626	22 40 13.8	+37 40 07	sd	6.03		+0.86	G3 Ib-II: CN-1 CH 2 Fe-1
11 Lac	8632	22 41 09.2	+44 21 08		4.46	+1.36	+1.33	K2.5 III
18 ϵ PsA	8628	22 41 27.3	-26 58 04		4.17	-0.37	-0.11	B8 Ve
42 ζ Peg	8634	22 42 11.1	+10 54 27	d	3.40	-0.25	-0.09	B8.5 III
β Gru	8636	22 43 31.6	-46 48 30		2.10	+1.67	+1.60	M4.5 III
44 η Peg	8650	22 43 41.0	+30 17 51	cd6	2.94	+0.55	+0.86	G8 II + F0 V
13 Lac	8656	22 44 44.4	+41 53 44	d	5.08	+0.78	+0.96	K0 III
47 λ Peg	8667	22 47 13.9	+23 38 32		3.95	+0.91	+1.07	G8 IIIa CN 0.5
46 ξ Peg	8665	22 47 25.1	+12 14 51	d	4.19	-0.03	+0.50	F6 V

Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
β Oct	8630	22 47 27.7	-81 18 18	6	4.15	+0.11	+0.20	A7 III-IV
68 Aqr	8670	22 48 19.7	-19 32 15		5.26	+0.59	+0.94	G8 III
ϵ Gru	8675	22 49 25.4	-51 14 25		3.49	+0.10	+0.08	A2 Va
32 ι Cep	8694	22 50 12.0	+66 16 37	s	3.52	+0.90	+1.05	K0- III
71 τ Aqr	8679	22 50 21.5	-13 30 57	d	4.01	+1.95	+1.57	M0 III
48 μ Peg	8684	22 50 42.3	+24 40 42	s	3.48	+0.68	+0.93	G8+ III
	8685	22 51 51.4	-39 04 47		5.42	+1.69	+1.43	K3 III
22 γ PsA	8695	22 53 19.7	-32 47 54	d7	4.46	-0.14	-0.04	A0m A1 III-IV
73 λ Aqr	8698	22 53 22.2	-07 30 08		3.74	+1.74	+1.64	M2.5 III Fe-0.5
	8748	22 54 14.8	+84 25 25		4.71	+1.69	+1.43	K4 III
76 δ Aqr	8709	22 55 25.1	-15 44 36		3.27	+0.08	+0.05	A3 IV-V
23 δ PsA	8720	22 56 44.9	-32 27 43	d	4.21	+0.69	+0.97	G8 III
	8726	22 57 04.3	+49 48 40	s	4.95	+1.96	+1.78	K5 Ib
24 α PsA	8728	22 58 26.9	-29 32 42	a	1.16	+0.08	+0.09	A3 Va
	8732	22 59 23.2	-35 26 45	s	6.13		+0.58	F8 III-IV
v509 Cas	8752	23 00 42.0	+57 01 24	s	5.00	+1.16	+1.42	G4v 0
ζ Gru	8747	23 01 43.7	-52 40 34	6	4.12	+0.70	+0.98	G8/K0 III
1 σ And	8762	23 02 35.5	+42 24 15	d6	3.62	-0.53	-0.09	B6pe (shell)
π PsA	8767	23 04 17.7	-34 40 15	6	5.11	+0.02	+0.29	F0 V:
53 β Peg	8775	23 04 28.8	+28 09 42	d	2.42	+1.96	+1.67	M2.5 II-III
4 β Psc	8773	23 04 36.9	+03 53 54		4.53	-0.49	-0.12	B6 Ve
54 α Peg	8781	23 05 29.0	+15 17 01	6	2.49	-0.05	-0.04	A0 III-IV
86 Aqr	8789	23 07 27.4	-23 39 52	d	4.47	+0.58	+0.90	G6 IIIb
θ Gru	8787	23 07 41.4	-43 26 31	d7	4.28	+0.16	+0.42	F5 (II-III)m
55 Peg	8795	23 07 44.1	+09 29 17		4.52	+1.90	+1.57	M1 IIIab
33 π Cep	8819	23 08 21.7	+75 27 58	d67	4.41	+0.46	+0.80	G2 III
88 Aqr	8812	23 10 13.1	-21 05 37		3.66	+1.24	+1.22	K1.5 III
ι Gru	8820	23 11 10.5	-45 10 05	6	3.90	+0.86	+1.02	K1 III
59 Peg	8826	23 12 28.1	+08 47 57		5.16	+0.08	+0.13	A3 Van
90 ϕ Aqr	8834	23 15 04.4	-05 58 14		4.22	+1.90	+1.56	M1.5 III
91 ψ^1 Aqr	8841	23 16 39.0	-09 00 31	d	4.21	+0.99	+1.11	K1- III Fe-0.5
6 γ Psc	8852	23 17 55.1	+03 21 42	s	3.69	+0.58	+0.92	G9 III: Fe-2
γ Tuc	8848	23 18 16.0	-58 09 22		3.99	-0.02	+0.40	F2 V
93 ψ^2 Aqr	8858	23 18 39.4	-09 06 11		4.39	-0.56	-0.15	B5 Vn
γ Scl	8863	23 19 36.2	-32 27 10		4.41	+1.06	+1.13	K1 III
95 ψ^3 Aqr	8865	23 19 42.9	-09 31 53	d	4.98	-0.02	-0.02	A0 Va
62 τ Peg	8880	23 21 21.4	+23 49 11	v	4.60	+0.10	+0.17	A5 V
98 Aqr	8892	23 23 43.8	-20 01 17		3.97	+0.95	+1.10	K1 III
4 Cas	8904	23 25 29.3	+62 21 45	d	4.98	+2.07	+1.68	M2- IIIab
68 ν Peg	8905	23 26 06.3	+23 29 03	s	4.40	+0.14	+0.61	F8 III
99 Aqr	8906	23 26 48.4	-20 33 45		4.39	+1.81	+1.47	K4.5 III
8 κ Psc	8911	23 27 40.6	+01 20 06	d	4.94	-0.02	+0.03	A0p Cr Sr
10 θ Psc	8916	23 28 42.3	+06 27 32		4.28	+1.01	+1.07	K0.5 III
τ Oct	8862	23 29 47.3	-87 24 08		5.49	+1.43	+1.27	K2 III
70 Peg	8923	23 29 53.4	+12 50 26		4.55	+0.73	+0.94	G8 IIIa
	8924	23 30 17.0	-04 27 13	s	6.25	+1.16	+1.09	K3- IIIb Fe 2
β Scl	8937	23 33 44.7	-37 44 17		4.37	-0.36	-0.09	B9.5p Hg Mn
	8952	23 35 37.4	+71 43 20	s	5.84	+1.73	+1.80	G9 Ib
ι Phe	8949	23 35 51.1	-42 32 05	d	4.71	+0.07	+0.08	Ap Sr
16 λ And	8961	23 38 16.7	+46 32 12	vd6	3.82	+0.69	+1.01	G8 III-IV

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Designation	BS=HR No.	Right Ascension	Declination	Notes	V	U-B	B-V	Spectral Type
		h m s	° ' "					
	8959	23 38 37.5	-45 24 43	6	4.74	+0.09	+0.08	A1/2 V
17 ι And	8965	23 38 51.1	+43 20 54	6	4.29	-0.29	-0.10	B8 V
35 γ Cep	8974	23 39 57.4	+77 42 47	as	3.21	+0.94	+1.03	K1 III-IV CN 1
17 ι Psc	8969	23 40 41.8	+05 42 18	d	4.13	0.00	+0.51	F7 V
19 κ And	8976	23 41 07.6	+44 24 51	d	4.15	-0.21	-0.08	B8 IVn
μ Scl	8975	23 41 23.6	-31 59 34		5.31	+0.66	+0.97	K0 III
18 λ Psc	8984	23 42 47.2	+01 51 36	6	4.50	+0.08	+0.20	A6 IV-
105 ω ² Aqr	8988	23 43 28.4	-14 27 53	d6	4.49	-0.12	-0.04	B9.5 IV
106 Aqr	8998	23 44 57.1	-18 11 47		5.24	-0.27	-0.08	B9 Vn
20 ψ And	9003	23 46 45.4	+46 30 03	d	4.99	+0.81	+1.11	G3 Ib-II
	9013	23 48 37.0	+67 53 15	6	5.04	-0.04	-0.01	A1 Vn
20 Psc	9012	23 48 41.3	-02 40 51	d	5.49	+0.70	+0.94	gG8
δ Scl	9016	23 49 40.7	-28 03 00	d	4.57	-0.03	+0.01	A0 Va+n
81 φ Peg	9036	23 53 13.7	+19 12 03		5.08	+1.86	+1.60	M3- IIIb
82 HT Peg	9039	23 53 21.6	+11 01 41		5.31	+0.10	+0.18	A4 Vn
7 ρ Cas	9045	23 55 06.9	+57 34 48		4.54	+1.12	+1.22	G2 0 (var)
84 ψ Peg	9064	23 58 30.0	+25 13 19	d	4.66	+1.68	+1.59	M3 III
27 Psc	9067	23 59 24.9	-03 28 32	d6	4.86	+0.70	+0.93	G9 III
π Phe	9069	23 59 40.5	-52 39 53		5.13	+1.03	+1.13	K0 III

Notes to Table

- a anchor point for the MK system
- c composite or combined spectrum
- d double star given in Washington Double Star Catalog
- o orbital position generated using FK5 center-of-mass position and proper motion
- s MK standard star
- v star given in Hipparcos Periodic Variables list
- 6 spectroscopic binary
- 7 magnitude and color refer to combined light of two or more stars

WWW A searchable version of this table appears on *The Astronomical Almanac Online*.

WWW This symbol indicates that these data or auxiliary material may also be found on *The Astronomical Almanac Online* at <http://asa.usno.navy.mil> and <http://asa.hmnao.com>