

Epoca	Equin.	Dec.	L	M	π/ω	Ω
B5 CJ31 { Dec 19.5	ep.			98 23 31	286 52 35	11 48
1879 1875 { Dec. 19.0	1876.0	Ep.	34° 58' 42"	109° 57' 7"	$\pi=285^{\circ} 1' 35''$	228° 20' 28"
81 1879 Feb. 23.0	1880	"	183 13 8	259 57 36	283 13 33	21 57
83 1880 Mai 8.0	"	"	234 30 34	308 43 35	$\omega=57$ 27 17	19 42
86 1881 Jul. 22.0	"	"	289 37 10	3 15 30	58 2 3	19 37
88 1883 Dec. 19.0	1890	"	40 20 0	113 53 33	57 58 6	28 21
89 1887 Abr. 2.0	"	"	191 4 39	265 23 27	17 32	23 40
90 1888 Jun. 15.0	"	"	246 1 2	321 25 41	56 12 42	22 39
91 1889 Jun. 10.0	"	"	290 45 41	6 51 8	55 36 14	18 19
92 1890 Oct. 3.0	"	"	350 48 28	67 13 12	20 53	14 23
93 1891 Nov 7.0	"	"	40 59 49	117 30 34	55 1	14 13

Epoca e Osculação

94 1893 Jan 20.0	"	96 12 59	172 50 55	55 7 58	228 14 5
96 1894 Feb. 24.0	"	146 24 13	223 11 52	54 58 19	228 14 2
97 1895 Mar. 31.0	1900	196 41 43	273 30 51	47 51	23 1
98 1896 Mai 4.0	"	246 37 11	323 34 44	39 15	23 11
99 1897 Jul. 18.0	"	301 49 12	18 50 7	36 33	22 33

1900 1898 Nov. 30.0	"	73 46 46	39 5	21 41
1901 1899 Nov. 5.0	"	123 41 13	41 36	21 34
1902 1901 Jan 19.0	"	178 32 14	47 13	21 15
1903 1902 Feb. 23.0	"	228 21 29	56 51	19 57
1905 1903 Mar 30.0	"	278 10 52	55 8 36	228 18 01

1906 1904 Jun 12.0	"	$M=333^{\circ} 5' 6''$	$\omega=55^{\circ} 18' 3''$	$\Omega=228^{\circ} 17' 54''$	$i=7^{\circ} 51' 57''$
1907 1905 Aug 26.0	1910	28 12 52	4	26 51	56
1908 1906 Set. 20.0	"	78 27 21	14 59	31	58
1909 1907 Dez. 14.0	"	133 46 0	12 28	26	55
1911 1909 Jan. 17.0	"	184 6 30	6 32	25 30	47

1912 1910 Feb. 21.0	"	234 34 7	54 51 50	23 40	43
1913 1911 Mar. 28.0	"	285 17 29	13 51	20 41	56

Osculação Epoca e equinócio

1911 Mar 28. KP 1916 1925 Jan. 0.5	M_0	192° 973	ω	54° 219	Ω	228° 557	i	7° 864
[1923 Dez 8]* (?) 1928 Jan 1.0		194.984		51.914		228.412		7.855

24? [1927]

3)

HILDA

$$\delta = 170.63 \pm 3.3$$

$$\mu = 7.46$$

altitude médio 0,062

BJ 1878 p. (28)

desc. 2.XI.1875 J. Palisa em Pola.

	i	e	q	k	log a	Autorität
4 48	8 35 35	126116	37 22	436.183	.606892	4.0448 Kühnert - 4 obs. El
20' 28"	7° 50' 53"	16319°	23' 15"	451.905	0.596640	3.9504 Kühnert (Wien) 4 obs. Pola e Berlin (CT 41) El
21 57	47 56	.14628	24 24	453.0438	.5959109	Fr. Kühnert (CT 105).
19 42	54 43	.17219	54 40	451.5802	.596847	"
19 37	52 48	.1701	47 46	80653	703	"
28 21	52 43	.1692	44 30	452.19687	4526 3.948686	" from 4 opp. BJ 1886.(29) BV
3 40	52 37	.1673	38 7	451.07699	.5971706 3.9552	" (1875-77-78-80-81) u. 5 opp. BJ 1884 (29) BV
2 39	52 43	.1675	38 42	448.97292	.5985244	" u. F. Neugebauer (Poretslau) ?
19	51 54	.1659	33 5	449.68077	0682	"
23	51 52	.1644	27 56	451.12710	.5971385	"
13	51 54	.1641	26 35	.31675	0167	"
5	51 53	.1637	25 21	.25950	0535	"
2	51 52	.1636	24 58	.10945	1498	"
1	51 49	.1637	25 21	450.85650	3121	"
11	45	.1640	26 17	50435	5383	"
33	40	.1644	27 48	13168	7780	"
41	51 43	.1648	29 6	449.8905	9332	"
34	51 47	.1651	30 5	8433	9636	"
15	51 44	.1654	31 10	9321	9065	"
57	51 41	.1655	31 44	450.1177	7869	"
91	7 51	46.1655	9 31 27	1450.4117	597 5980	Kühnert

$\varphi = 90^{\circ} 29' 55''$	$n = 450'' . 8751$	$\log a$	0.5973003	Kühnert.
.1644 27 54	451.3507	.5969950	"	
.1641 26 35	61352	8258	"	
.1636 24 52	59758	8364	"	
.1630 22 46	32978	.5970084	"	

.1623 20 36	450.75682	3762	"	
.1619 19 1	449.45588	.598213	"	
.1619 9° 317	449.456	.59821	"	
.15929.161	448.786	.59865	"	

São iguais (só mudou o equinócio).
 Set. Jahrgang 1913
 W. Skrebow Emp. Kor. dM = -0° 15. KP 1922
 (?) Sr. em 1923 * data da oposição KP
 W. Moschkova, B.V. St 4, 7/2 obs. 1875-1884 1927
 St 4, 7/2 em 1928, 1929, 1930 (OB) KP 1928-30

.1427 8 33 3

452.421

.596309

Schmidt

3 obs. Pola e Berlin El.

Osculação		Época e Equinócio		M	ω	Ω	i
KP							
1932?	[1934 Dez. 12]*	1925 Jan 10		1940.016	52° 354	228° 308	7° 854
1938	1938 Jul 4	1950.0		92.637	49.818	448	848
39	1939 Jun 30	"		137.799	741	447	848
40	1940 Jun 24	"		182.878	639	433	848
41	1941 Jun 19	"		227.988	478	432	848
ΣMP 1948	1948 Ago 7	"		192.498	261	400	846
1965	1957 Jun 11	"		253.273	334	283	847
1966	1947 Jan 15	"		121.752	171	416	845
1980	1980 Dec. 27.0	(=)		228.12562	46.16051	227.99101	.84308
1981	1981 Jul. 15	"		253.28519	45.94843	96755	383
ΣMP 1989	1989 Out. 1.0	"		269.46822	42.57094	.78416	.83929

e	q	n	a	Ref.	153. p.2
.15709 ⁰ .032		452 ⁰ .039	3.9613	St 7, 7 ₂ (Moshkova) (é a orb. de 1927). (o.B.)	
.15268.780		449.153	3.9665	Hirayama e Atsuyama BV 1875-1934	)
.1523 763		196	62	" (o.B.)	
.1521 747		101	68	" "	
.1520 741		448.926	78	" "	
.1538 845		447.739	3.9749	ITA S (Tobcmux)	
.1506 660		448.615	9697	ITA S	
<u>.1536 834</u>		447.653	9754	ITA BV Opp. 1951-1961	
e = 0.1456502		448.23751	9719055	o.B. só mudou época. (padronizada).	
4390		447.84579	9742212	Ф.Б. Ханука B.V. 1914-1974.	
1418030					
.1418030		.75119	9747811	E. Goffin 48 opp. 1875-1985	BV MPL Resíduos 0 ⁰ .9 11723