Table 2. The sample of barium stars with mild anomalies (Ba<1, Ba1, Ba2 on the scale defined by Warner 1965) monitored with CORAVEL. The spectral type, visual magnitude and $B-V$ index are from Lü et al. (1983) or, if not available, from Lü (1991). Column 6 gives a binarity flag (o: orbit, po: preliminary orbit with fixed parameters, mp: minimum period only available, sb: suspected binary, c: no radial-velocity variation). The last column refers to a note at the end of the table providing the reference where the orbital elements are to be found

HD/DM	Sp.	Ba	V	$B-V$	bin.	orbit
18182	K0	<1	8.95	1.01	sb	0
22589	G5	<1	9.00	0.72	po	1
26886	G8	1	7.97	0.97	o	2
27271	G8	1	7.49	1.00	o	2
40430	K0	1	8.07	1.01	mp	1
49841	G8	1	8.56	0.99	o	2
50843	K1	1	8.13	1.06	c	0
51959	K2	1	8.95	1.06	mp	1
53199	G8	2	9.08	0.95	po	2
58121	K0	1	7.93	1.14	o	2
59852	G9	1	8.67	0.92	po	1
65699[b]	G5	1	5.07	1.12		0
91208	K0	1	8.02	0.95	o	1
95193	K0	1	8.28	0.99	o	1
95345	K2	1	4.83	1.16	c	0
101079	K1	1	8.43	0.96	mp	2
104979	K0	1	4.16	0.99	mp	2
119185	K0	1	8.91	1.00	c	0
130255	K0	1	8.61	1.08	c	0
131670[a]	K1	1	8.00	1.20	o	1
134698	K1	1	8.72	1.31	mp	1
139195	K1	1	5.26	0.95	o	12
143899	G8	1	8.30	1.08	o	1
180622	K1	1	7.62	1.23	o	2
183915	K0	2	7.28	1.34	sb	0
196673[a]	K2	2	6.98	1.12	o	1
200063	K3	1	7.31	1.60	o	2
206778[b]	K2	<1	2.38	1.52		0
210946	K1	1	8.07	1.08	o	2
216219	G5	1	7.45	0.74	o	2
218356	K2	2	4.47	1.35	sb	0
223617[a]	K2	2	6.94	1.16	o	2
288174	K0	1	8.99	1.24	o	1
$-01°3022$	K1	1	9.25	1.09	o	1
$-10°4311$	G0	1	9.89	0.63	mp	1
$-14°2678$	K0	<1	9.81	0.99	o	1

a) DAO+CORAVEL measurements
b) misclassified as mild Ba star
References to orbital elements: 0: Jorissen et al. (1997a); 1: this paper; 2: Paper II; 12: Griffin (1991)

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