

4-8 1974-79 DISTRIBUTORS & IGNITION SYSTEMS 1976 Distributor Specifications

BOSCH DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	15	18	27	28	0	.....	.....	6	0	.....	.....	9
049 905 205Aⓐ	.....	0	15	18	27	28	0	.....	.....	6	0	.....	.....	9
		1400	2000	2400	4800	5200	9	.....	.....	11	6	.....	.....	9.5
058 905 205Aⓐ	.....	0	3	10	29	31	0	.....	.....	4	0	.....	.....	11
		1100	1300	1600	3200	3400	3	.....	.....	4	4.5	.....	.....	7.5
0231 170 122	C	2	13	14	.....	.....	0	.....	.....	15	.....	.....	.....	.....
		1200	3000	4600	.....	.....	5.9	.....	.....	11.4	.....	.....	.....	.....
0231 170 137	C	15	19	35	.....	.....	0	4	9.6	10	.....	.....	.....	.....
		2000	3000	4500	.....	.....	7.5	8	10	12	.....	.....	.....	.....
0231 170 158	C	2	13	14	.....	.....	0	.....	.....	15	.....	.....	.....	.....
		1200	3000	4500	.....	.....	5.9	.....	.....	11.4	.....	.....	.....	.....
0231 170 164	.....	0	23	37	.....	.....	1.5	.....	.....	7.5	.....	.....	.....	.....
		1000	2000	4000	.....	.....	3.97	.....	.....	9.8	.....	.....	.....	.....
0231 176 048	C	0	14	23	.....	.....	0	.....	.....	6	.....	.....	.....	.....
		600	2000	4000	.....	.....	4	.....	.....	9.8	.....	.....	.....	.....
0231 176 044	C	6	19	22	.....	.....	1.5	.....	.....	3.5	1	.....	.....	5
		1200	3000	5000	.....	.....	7.8	.....	.....	9.8	4.5	.....	.....	7.8
0231 176 053	C	5	19	22	.....	.....	0	.....	.....	5	1	.....	.....	7.8
		1200	3000	5000	.....	.....	5.9	.....	.....	9.8	3.9	.....	.....	47.9
0231 176 057	C	14	21	27	.....	.....	1.5	.....	.....	3	1	.....	.....	4
		2000	3000	5000	.....	.....	9.8	.....	.....	11.8	5.9	.....	.....	11.8
0231 176 059	.....	0	23	37	.....	.....	1	.....	.....	8	1	.....	.....	7
		1000	2000	4000	.....	.....	3.9	.....	.....	9.8	3.9	.....	.....	15.7
0231 176 060	.....	12	23	23	.....	.....	0	2	8	12	0	2.5	7	13
		2000	4000	5000	.....	.....	3.5	5	7	8	1.5	4	5	5.5
0231 176 108	.....	3	21	27	.....	.....	1.5	.....	.....	6	1.5	.....	.....	4
		1200	3000	5000	.....	.....	6.7	.....	.....	9.8	7.8	.....	.....	15.7
0231 181 012	C	5	20	23	.....	.....	1	.....	.....	5	1.5	.....	.....	6
		1200	3000	5000	.....	.....	5.9	.....	.....	9.8	3.9	.....	.....	7.8
0231 181 014	C	9	22	24	.....	.....	.....	.....	.....	.....	1.5	.....	.....	5
		1200	1500	2500	.....	.....	.....	.....	.....	.....	9	.....	.....	11.8
0231 184 001	C	15	23	30	.....	.....	.....	.....	.....	.....	0	6	10	12.5
		2000	4000	5000	.....	.....	.....	.....	.....	.....	3	3.5	4	4.5
0231 305 052	.....	0	6	10	16	18	0	4	6	.....	.....	.....	.....	.....
		1000	1400	2000	3000	3500	3.9	5.9	8	.....	.....	.....	.....	.....
0231 305 059	.....	10	20	24	28	33	.....	.....	.....	.....	0	4	10.5	15
		1000	1500	2000	2500	3500	.....	.....	.....	.....	3	5.5	8	10
0231 305 070	.....	11	19	26	.....	.....	0	.....	.....	14	0	1	5.5	12
		1500	4000	4600	.....	.....	3.1	.....	.....	9.5	4	6	8	10.5

- ⓐ - C (Clockwise), CC (Counterclockwise), viewed from rotor end.
- ⓑ - Audi Part number is given.

BOSCH DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	6	8	16	18	0	2	3	6	0	2	6	12
0231 308 010	.....	0	6	8	16	18	0	2	3	6	0	2	6	12
		1200	1600	2000	3000	3400	3	4	5.5	6	3	7	11	14
0231 308 012	.....	0	6	12	16	18	0	2	3	5.5	0	2	3	4
		1000	1600	2400	3000	3500	3	4	5.5	6	3	7	9.5	10.5
0231 311 001	C	11	23	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		2000	3000	5000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
0237 002 007	.....	2	16	22	.....	.....	.....	.....	.....	.....	2	.....	.....	5
		1400	3000	5000	.....	.....	.....	.....	.....	.....	3.9	.....	.....	7.8
0237 002 008	.....	2	12	22	.....	.....	.....	.....	.....	.....	1	.....	.....	3
		1200	2000	3000	.....	.....	.....	.....	.....	.....	1.9	.....	.....	7.8
0237 002 009	.....	3	18	22	.....	.....	.....	.....	.....	.....	1.5	.....	.....	2.5
		1200	3000	4000	.....	.....	.....	.....	.....	.....	3.9	.....	.....	7.8
0237 301 001	C	1	4	11	.....	.....	.....	.....	.....	.....	2	.....	.....	10
		1400	2000	4000	.....	.....	.....	.....	.....	.....	5.9	.....	.....	7.9
0237 402 004	C	3	22	28	.....	.....	.....	.....	.....	.....	2	.....	.....	5
		1200	3000	5000	.....	.....	.....	.....	.....	.....	3.9	.....	.....	7.9
0237 405 001	C	13	30	.....	.....	.....	0	2	4	5	0	2	.....	4
		1500	3500	.....	.....	.....	3.9	7.8	8.8	9.8	2	3	.....	5.9

- ⓐ - C (Clockwise), CC (Counterclockwise), viewed from rotor end.
- ⓑ - Audi part number is given.

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1976 Distributor Specifications (Cont.)

DUCELLIER DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	14	23	.....	.....	0	7	22	.....	.....	.....	.....
4441	C	0	14	23	.....	.....	0	7	22	.....	.....	.....	.....
4480Aⓑ	C	0	8	11.5	17.5	28	0	3.5	7	10	0	5	10	
		1000	1600	2000	3000	4800	4	6	8	10	7	10	13	
4480A	C	0	8.5	11.5	17.5	23	3.5	7	10	0	5.5	10	.....
		1000	1600	2000	3000	4000	4	6	8	10	4	7	10	
4546	C	0	17	30	.....	.....	0	10	18	.....	.....	.....	.....
		900	2000	4000	.....	.....	1	1.5	2	.....	.....	.....	.....

- ⓐ - C (Clockwise), CC (Counterclockwise), viewed from rotor end.
- ⓑ - Specifications for Model 128 Calif. only.

DUCELLIER DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS (Cont.)

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	8	26	.....	.....	0	16	18	.....	.....	.....	.....
4546ⓑ	C	0	8	26	.....	.....	0	16	18	.....	.....	.....	.....
		900	1500	4900	.....	.....	9.5	9.8	13.8	.....	.....	.....	.....
525003	C	0	14	23	.....	.....	0	7	11	.....	.....	.....	.....
		1100	2750	5200	.....	.....	3	8	13	.....	.....	.....	.....
525044	C	0	8.5	11.5	17.5	28	.....	.....	.....	.....	0	3	6.5
		1000	1600	2000	3000	4800	.....	.....	.....	.....	7	9	11
525089	C	0	8	26	.....	.....	0	8	17	22	0	4	9
		900	1500	4900	.....	.....	3	4.5	7	9.5	3	4	5
590166	C	0	14	26	.....	.....	0	.....	.....	5.5	.....	.....	.....
		1000	3000	5000	.....	.....	3.9	.....	.....	11.8	.....	.....	.....

- ⓐ - C (Clockwise), CC (Counterclockwise), viewed from rotor end.
- ⓑ - Specifications for Model R15/17TL, 843-13 engine only.

HITACHI DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	.....	.....	.....	.....	0	.....	.....	10	.....	.....	.....	.....
D4A4-04	CC	0	.....	.....	.....	22	0	.....	.....	10	.....	.....	.....	.....
		1200	.....	.....	.....	3900	9	.....	.....	10	.....	.....	.....	.....
D4A4-06	CC	0	.....	.....	.....	22	0	.....	.....	6	.....	.....	.....	.....
		1100	.....	.....	.....	4600	6	.....	.....	10	.....	.....	.....	.....
D4A4-07	CC	0	.....	.....	.....	22	0	.....	.....	13	.....	.....	.....	.....
		1200	.....	.....	.....	3900	6.5	.....	.....	12	.....	.....	.....	.....
D4A5-04	CC	0	.....	.....	.....	28	0	.....	.....	9	.....	.....	.....	.....
		1100	.....	.....	.....	4600	4	.....	.....	10	.....	.....	.....	.....
D4A5-05	CC	0	.....	.....	.....	28	0	.....	.....	13	.....	.....	.....	.....
		1100	.....	.....	.....	4600	5.5	.....	.....	12	.....	.....	.....	.....
D4F4-02	CC	0	28	0	13
		1100	4300	6.5	12

- ⓐ - C (Clockwise), CC (Counterclockwise), viewed from rotor end.

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HITACHI DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
D4F4-03	CC	0	.....	.....	.....	22	0	.....	.....	3	.....	.....	.....	.....
		1200	.....	.....	.....	3900	6	.....	.....	10	.....	.....	.....	.....
D4F4-04	CC	0	.....	.....	.....	22	0	.....	.....	3	.....	.....	.....	.....
		1100	.....	.....	.....	4600	6	.....	.....	10	.....	.....	.....	.....
D4F5-01	CC	0	.....	.....	.....	28	0	.....	.....	9	.....	.....	.....	.....
		1100	.....	.....	.....	4600	4	.....	.....	10	.....	.....	.....	.....
D4F5-02	CC	0	.....	.....	.....	28	0	.....	.....	9	.....	.....	.....	.....
		1100	.....	.....	.....	4600	4	.....	.....	10	.....	.....	.....	.....
D6F4-01	CC	0	.....	.....	.....	20	0	.....	.....	7.5	.....	.....	.....	.....
		1200	.....	.....	.....	5000	7.9	.....	.....	13.8	.....	.....	.....	.....
D6F4-02	CC	0	.....	.....	.....	20	0	.....	.....	5.5	.....	.....	.....	.....
		1200	.....	.....	.....	5000	9.8	.....	.....	13.8	.....	.....	.....	.....
D6F4-03	CC	0	.....	.....	.....	20	0	.....	.....	7.5	.....	.....	.....	.....
		1200	.....	.....	.....	5000	7.9	.....	.....	13.8	.....	.....	.....	.....
D4J6-02	CC	0	5	9	14	18	0	6	9	12	0	2	4	7
		1250	2000	2500	3200	3800	6	8	11	13.5	2.5	3.5	4	4.5
D410-85	CC	0	5	11	16	21	0	5	10	15	.....	.....	.....	.....
		1100	1400	1700	2500	3200	4	6	7	8	.....	.....	.....	.....
D410-86	CC	0	7	12	17	21	0	7	12	15	.....	.....	.....	.....
		1050	1700	2600	3500	4250	7.5	9.5	11.5	13	.....	.....	.....	.....
D412-A3	CC	0	11	16	21	25	0	8	11	16	.....	.....	.....	.....
		1100	1800	2500	3200	3750	7.5	10	11.5	13	.....	.....	.....	.....
634 672ⓐ	CC	0	5	15	20	.....	0	13	20	.....	.....	.....	.....	.....
		1350	1500	3000	4000	.....	8	12	16	.....	.....	.....	.....	.....
639 672ⓐ	CC	0	10	20	24	.....	.....	.....	.....	.....	0	5	10	.....
		1350	2175	3300	4000	.....	.....	.....	.....	.....	3.2	4.3	5.3	.....
657 672ⓐ	CC	0	5	15	20	25	0	13	20	.....	.....	.....	.....	.....
		1350	1500	3000	4000	4800	8	12	16	.....	.....	.....	.....	.....
657 772ⓐ	CC	8	16	21	.....	.....	0	.....	.....	12	0	.....	.....	7
		1500	2500	3300	4300	.....	6	.....	.....	13	3.5	.....	.....	5
657 781ⓐ	CC	0	13	20	26	.....	0	13	20	.....	.....	.....	.....	.....
		1350	2000	3000	3800	.....	8	12	16	.....	.....	.....	.....	.....

- ⓐ -- C (Clockwise), CC (Counterclockwise), viewed from rotor end.
 ⓑ -- Honda basic part number 30100

LUCAS DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
41343ⓐ	CC	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41558	CC	1	3	10	13	20	.....	.....	.....	.....	1	9.5	13	14
		960	1200	1800	2200	3800	.....	.....	.....	.....	2	7	10	14
41593	CC	0	10	13	14	14	.....	.....	.....	.....	0	12	12	.....
		1200	1600	2600	3200	5000	.....	.....	.....	.....	1	15	20	.....
41601	CC	0	3	9	14	16	.....	.....	.....	.....	0	12	12	.....
		880	1500	2100	3800	4500	.....	.....	.....	.....	3	11	15	.....
41603	CC	0	8	11	19	22	.....	.....	.....	.....	0	10	14	.....
		880	1500	2100	3800	4500	.....	.....	.....	.....	3	11	15	.....
41617ⓐ	CC	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41675	CC	0	24	31	36	.....	0	.....	.....	4	.....	.....	.....	.....
		900	2000	4000	6200	.....	6	.....	.....	10	.....	.....	.....	.....
41677	CC	0	3	14	18	26	0	.....	.....	8	.....	.....	.....	.....
		800	1200	2000	2600	7000	7	.....	.....	10	.....	.....	.....	.....
41692	CC	18	32	36	.....	.....	0	.....	.....	24	.....	.....	.....	.....
		2000	4000	5000	.....	.....	3	.....	.....	11	.....	.....	.....	.....
41693	CC	15	30	35	.....	.....	0	.....	.....	24	.....	.....	.....	.....
		2000	3500	4500	.....	.....	3	.....	.....	11	.....	.....	.....	.....
41695	CC	15	30	35	.....	.....	0	.....	.....	14	.....	.....	.....	.....
		2000	3500	4500	.....	.....	5	.....	.....	11	.....	.....	.....	.....
41697	CC	4	10	17	.....	.....	0	.....	.....	22	.....	.....	.....	.....
		1200	1500	3300	.....	.....	5	.....	.....	10	.....	.....	.....	.....
41698	CC	4	10	17	.....	.....	.....	.....	.....	.....	0	.....	.....	12
		1200	1500	3300	.....	.....	.....	.....	.....	.....	5	.....	.....	10

- ⓐ -- C (Clockwise), CC (Counterclockwise), viewed from rotor end.
 ⓑ -- No specifications available at time of publication.

MARELLI DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
S144 CAY	C	0	13	21	30	37	.....	.....	.....	.....	.....	.....	.....	.....
		1000	1600	2000	3000	3600	.....	.....	.....	.....	.....	.....	.....	.....
S144 CBY	C	0	20	30	36	.....	.....	.....	.....	.....	.....	.....	.....	.....
		1000	2000	3000	3600	.....	.....	.....	.....	.....	.....	.....	.....	.....

- ⓐ -- C (Clockwise), CC (Counterclockwise), viewed from rotor end.

1974-79 DISTRIBUTORS & IGNITION SYSTEMS 4-11 1976 Distributor Specifications (Cont.)

MAZDA DISTRIBUTOR ADVANCE SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
3648-18-2000 Leading	0	.....	.....	.....	25	0	.....	.....	10	.....	.....	.....	.....
	1000	.....	.....	.....	4000	4	.....	.....	15.75	.....	.....	.....	.....
Trailing	0	.....	.....	.....	25	0	.....	.....	35	.....	.....	.....	.....
	1000	.....	.....	.....	4000	4	.....	.....	15.75	.....	.....	.....	.....
3710-18-2000	0	.....	.....	.....	25	0	.....	.....	22	.....	.....	.....	.....
	1200	.....	.....	.....	5400	4.5	.....	.....	13.5	.....	.....	.....	.....
3710-18-2000ⓐ	0	.....	.....	.....	5500	0	.....	.....	22	.....	.....	.....	.....
	1200	.....	.....	.....	5500	4.5	.....	.....	14	.....	.....	.....	.....
3719-18-2000	0	.....	.....	.....	22	0	.....	.....	15	.....	.....	.....	.....
	1100	.....	.....	.....	4000	10.5	.....	.....	19.5	.....	.....	.....	.....
3719-18-2000ⓐ	0	.....	.....	.....	4000	0	.....	.....	18	.....	.....	.....	.....
	1100	.....	.....	.....	4000	6	.....	.....	11	.....	.....	.....	.....
3725-18-200A	0	.....	.....	.....	22	0	.....	.....	18	.....	.....	.....	.....
	1100	.....	.....	.....	4000	8	.....	.....	15.5	.....	.....	.....	.....
3743-18-2000 Leading	0	.....	.....	.....	20	0	.....	.....	15	.....	.....	.....	.....
	1000	.....	.....	.....	3000	4	.....	.....	15.75	.....	.....	.....	.....
Trailing	0	.....	.....	.....	.....	20	0	.....	.....	30	.....	.....	.....	.....
	1000	.....	.....	.....	3000	4	.....	.....	15.75	.....	.....	.....	.....

ⓐ - C (Clockwise), CC (Counterclockwise), viewed from rotor end. ⓐ - Specifications for Calif. only. ⓐ - Specifications for B-1600 including Calif.

MITSUBISHI DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
T3T04274	C	-6	12.4	28	.....	.....	0	.....	.....	5.1	0	.....	.....	4
		1000	2000	6100	.....	.....	5.1	.....	.....	14.1	7.5	.....	.....	10.6
T3T04275	C	-6	12.4	28	.....	.....	0	.....	.....	8.5	0	.....	.....	4
		1000	2000	6100	.....	.....	7.1	.....	.....	16.1	7.5	.....	.....	10.6
T3T04872	C	0	14	20	.....	.....	0	.....	.....	8.5	0	.....	.....	2.5
		1000	2800	5000	.....	.....	4.7	.....	.....	13.7	8.6	.....	.....	10.6
T3T04873	C	0	14	20	.....	.....	0	.....	.....	8.5	0	.....	.....	2.5
		1000	2800	5000	.....	.....	6.7	.....	.....	15.75	8.7	.....	.....	10.6

ⓐ - C (Clockwise), CC (Counterclockwise), viewed from rotor end.

NIPPONDENSO DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BY 2

Distributor Part No.	Rot. ⓐ	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
029 100 3280	CC	0	15	24	.....	.....	0	.....	.....	9	.....	.....	.....	.....
		1400	3000	4400	.....	.....	4	.....	.....	9	.....	.....	.....	.....
029 100 3710	CC	0	6	14	28	29	0	.....	.....	16	0	.....	.....	20
		1000	1680	2400	4800	6000	4	.....	.....	12	4	.....	.....	14
19100 26030	C	0	16	26	.....	.....	0	.....	.....	7	.....	.....	.....	.....
		1000	4000	6000	.....	.....	3	.....	.....	9	.....	.....	.....	.....
19100 26050	C	0	26	25.6	.....	.....	0	.....	.....	7	.....	.....	.....	.....
		1300	5200	6000	.....	.....	3	.....	.....	9	.....	.....	.....	.....
19100 26051	C	0	26	25.6	.....	.....	0	.....	.....	7	.....	.....	.....	.....
		1300	5200	6000	.....	.....	3	.....	.....	9	.....	.....	.....	.....
19100 38010	C	0	15.6	20.7	.....	.....	0	.....	.....	10	.....	.....	.....	.....
		1100	2400	6000	.....	.....	3.9	.....	.....	11.8	.....	.....	.....	.....
19100 60080	C	0	8	18.2	.....	.....	0	.....	.....	7	.....	.....	.....	.....
		1000	1600	6000	.....	.....	3.9	.....	.....	8.3	.....	.....	.....	.....
19100 61010	C	0	14	28.6	.....	.....	.....	.....	.....	.....	0	.....	.....	4
		980	1800	6000	.....	.....	.....	.....	.....	.....	3.1	.....	.....	4.7
19100 61020	C	0	8	18.2	.....	.....	.....	.....	.....	.....	0	.....	.....	2.5
		1000	1600	6000	.....	.....	.....	.....	.....	.....	2.4	.....	.....	4.7
19100 61030	C	0	14	28.6	.....	.....	.....	.....	.....	.....	0	.....	.....	4
		980	1800	6000	.....	.....	.....	.....	.....	.....	3.1	.....	.....	4.7

ⓐ - C (Clockwise), CC (Counterclockwise), viewed from rotor end.