

4-16 1974-79 DISTRIBUTORS & IGNITION SYSTEMS 1978 Distributor Specifications

BOSCH DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BELOW 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)			
021 905 205P	C	0	.....	8-13	.....	20-25	0	.....	.....	8.5-11	.....	.....	.....	.....
		1000-1200	.....	1600	.....	3400	5.1	.....	.....	7.9	.....	.....	.....	.....
022 905 205S	C	0	.....	8-13	.....	20-25	0	.....	.....	8.5-11	.....	.....	.....	.....
		1000-1200	.....	1600	.....	3400	5.1	.....	.....	7.9	.....	.....	.....	.....
035 905 205C	C	0	6-12	17-23	22-26	21-25	0	.....	.....	8	0	.....	.....	10
		1000	1600	2500	3000	4500	6.3-7.9	.....	.....	8.7-9.4	1.6-4.3	.....	.....	5.5-8.3
040 905 205H	C	0	.....	6-12	.....	20-23	0	.....	.....	5-8	0	.....	.....	11-13
		1000-1200	.....	1500	.....	3500	6.1	.....	.....	7.9	5.9	.....	.....	9.1
047 905 205C	C	0	10	20	26	29	0	3	5	6.5	.....	.....	.....	.....
		1150	1500	3000	4000	4500	3.2	4	4.9	6.3	.....	.....	.....	.....
049 905 206A	C	0	.....	11-21	25-29	26-30	0	.....	.....	4-8	0	.....	.....	8-10
		1120-1400	.....	2000-2400	4800	5200	10	.....	.....	11.5	8	.....	.....	11
0231 305 052	C	0	2	3	12	21	0	2	2.5	6	.....	.....	.....	.....
		600	800	1200	2000	3200	3	3.5	6	6.5	.....	.....	.....	.....
0231 308 010	C	0	3	6	12	18	0	2	3	6	0	2	6	12
		600	1200	1600	2400	3200	3	4	5.5	6	3	7	11	14
0237 002 007	C	0	.....	10	18	22	.....	.....	.....	.....	0	.....	4	10
		1200	.....	2200	4100	4800	.....	.....	.....	.....	4.3	.....	5.1	5.9
0237 002 023	CC	0	3	7	12	17	0	8	12	17	.....	.....	.....	.....
		700	2000	3000	4000	5000	4.7	7.7	9	11.4	.....	.....	.....	.....
0237 002 024	C	.....	15-20	.....	27-32	42-48	.....	.....	.....	.....	.....	.....	.....	.....
		.....	1500	.....	3000	4500	.....	.....	.....	.....	.....	.....	.....	.....
0237 003 009	C	0	.....	10	20	29	0	4	10	15	0	.....	4	7
		1200	.....	2040	3500	5000	6.1	7.1	8.7	9.1	6.3	.....	7.5	7.9
0237 304 002	C	.....	11-15	15-21	25-31	32-38	.....	.....	.....	.....	.....	.....	.....	.....
		.....	1000	1700	3000	4500	.....	.....	.....	.....	.....	.....	.....	.....
0237 304 003	C	.....	16-26	.....	27-34	.....	.....	.....	.....	.....	.....	.....	.....	.....
		.....	1500	.....	3000	.....	.....	.....	.....	.....	.....	.....	.....	.....
0237 401 006	C	0	5	10	24	28	.....	.....	.....	.....	0.2	2.5	3.6	4.6
		800	1200	1500	2600	4900	.....	.....	.....	.....	4.5	6.3	7.1	7.9
0237 402 004	C	0	.....	10	20	28	.....	.....	.....	.....	0	.....	4	10
		1200	.....	1800	3100	4500	.....	.....	.....	.....	3.9	.....	4.9	5.9
0237 405 002	C	.....	9-17	.....	26-34	.....	.....	.....	.....	.....	.....	.....	.....	.....
		.....	1500	.....	3500	.....	.....	.....	.....	.....	.....	.....	.....	.....
930 602 02 1.02	CC	0	10	18	17	24	0	1.5	2.5	3.5	.....	.....	.....	.....
		1200	1900	2400	4400	5200	2.8	4	5.5	5.9	.....	.....	.....	.....
930 602 10 1.07	CC	0	5	10	18	16	0	5	10	11	.....	.....	.....	.....
		1300	1600	2000	2700	6000	4.7	6.3	8.3	9.4	.....	.....	.....	.....
930 602 10 1.08	CC	0	5	10	18	16	0	5	10	11	.....	.....	.....	.....
		1300	1600	2000	2700	600	4.7	6.3	8.3	9.4	.....	.....	.....	.....

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

DUCELLIER DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BELOW 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)			
4441	C	0	14	.....	.....	36	0	7	.....	22	.....	.....	.....	.....
		1100	1600	.....	.....	4500	3	8	.....	13	.....	.....	.....	.....
4480 B	C	0	10	16	22	28	0	3.5	7	10	.....	.....	.....	.....
		1000	1700	2800	3800	4800	4	6	8	10	.....	.....	.....	.....
525 003	C	0	.....	26	.....	46	0	7	.....	11	.....	.....	.....	.....
		1100	.....	2750	.....	5200	3	8	.....	13	.....	.....	.....	.....
525 044 B	C	0	10	16	22	28	.....	.....	.....	.....	0	3	6.5	10
		1000	1700	2800	3800	4800	.....	.....	.....	.....	7	9	11	13
525 047 A	C	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
525 089	C	0	8	10.6	16	26	0	8	17	22	0	4	9	12
		1200	1500	2000	3000	4900	3	4.5	7	9.5	3	4	5	6

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

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FORD (MOTORCRAFT) DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BELOW 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)			
	
D7FZ-C	C	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
D7FZ-D	C	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
D7FZ-E	C	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
D6RZ-A	CC	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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

HITACHI DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BELOW 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)			
	
D4F5-03	CC	0	.....	.....	.....	28	0	.....	.....	15	.....	.....	.....	.....
D4F5-04	CC	1100	.....	.....	.....	4600	4.13	.....	.....	15.4	.....	.....	.....	.....
D4F5-05	CC	0	.....	.....	.....	28	0	.....	.....	9	.....	.....	.....	.....
D4F5-06	CC	1100	.....	.....	.....	4600	4.13	.....	.....	11.8	.....	.....	.....	.....
D4F5-07	CC	0	.....	.....	.....	22	0	.....	.....	10	.....	.....	.....	.....
D4F6-03	CC	1200	.....	.....	.....	3900	2.8	.....	.....	7.7	.....	.....	.....	.....
D4F6-04	CC	0	.....	.....	.....	22	0	.....	.....	3	.....	.....	.....	.....
D4F6-05	CC	1200	.....	.....	.....	3900	3.54	.....	.....	5.5	.....	.....	.....	.....
D4F6-06	CC	0	.....	.....	.....	28	0	.....	.....	6.5	.....	.....	.....	.....
D4F6-07	CC	1100	.....	.....	.....	4600	6.7	.....	.....	11.8	.....	.....	.....	.....
D4F7-01	CC	0	.....	.....	.....	22	0	.....	.....	4	.....	.....	.....	.....
D4F7-02	CC	1200	.....	.....	.....	3900	3.54	.....	.....	6.3	.....	.....	.....	.....
D4H6-01	CC	0	.....	14	.....	28	0	.....	.....	12.5	.....	.....	.....	.....
D6F4-03	CC	1000	.....	2400	.....	4800	2	.....	.....	9.8	.....	.....	.....	.....
D6F5-02	CC	0	.....	.....	.....	17	0	.....	.....	10	.....	.....	.....	.....
D6F5-03	CC	1200	.....	.....	.....	2500	7.8	.....	.....	13.8	.....	.....	.....	.....
D6F6-01	0	0	.....	.....	.....	17	0	.....	.....	18	.....	.....	.....	.....
		1200	.....	.....	.....	2500	5.9	.....	.....	11.6	.....	.....	.....	.....
		.....	.....	.....	.....	17	0	.....	.....	10	.....	.....	.....	.....
		1200	.....	.....	.....	2500	5.9	.....	.....	9.8	.....	.....	.....	.....
		17	0	25
		1200	2500	2.8	9.5

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

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HONDA DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BELOW 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	.....	5-7	.....	7-10	0	.....	.....	6.5-8.5	.....	.....	.....	.....
D409-66	CC	0	.....	5-7	.....	7-10	0	.....	.....	6.5-8.5	.....	.....	.....	.....
D411-81	CC	950-1200	.....	2000	.....	2700	4.3-5.1	.....	.....	7.8-8.9	.....	.....	.....	.....
		0	.....	7-8.5	.....	10-12.5	0	.....	.....	6.5-8.5	.....	.....	.....	.....
D411-82	CC	950-1200	.....	2500	.....	3400	5.5-6.3	.....	.....	11.5-12.5	.....	.....	.....	.....
		0	.....	6.5-7.5	.....	10-12.5	0	.....	.....	6.5-8.5	.....	.....	.....	.....
D412-99	CC	1100-1500	.....	3000	.....	4400	5.5-6.3	.....	.....	11.5-12.5	.....	.....	.....	.....
		0	.....	6	.....	12	.....	.....	.....	0	.....	8	.....	11
D417-67	CC	1200	.....	2000	.....	4000	.....	.....	.....	2.6	.....	3.9	.....	4.5
		0	.....	8.7	.....	11	.....	.....	.....	0	.....	5	.....	9
D416-06	CC	1000	.....	1900	.....	2500	.....	.....	.....	2.6	.....	2.95	.....	3.9
		0	.....	6	.....	10	.....	.....	.....	0	.....	4	.....	7
30100657-674	CC	1200	.....	2000	.....	2500	.....	.....	.....	5.5	.....	7.5	.....	11
		0	.....	12	.....	20	.....	.....	.....	0	.....	8	.....	17
30100657-812	CC	950	.....	1700	.....	2800	4.3	.....	.....	5.8	.....	7.7	.....	.....
		0	.....	12	.....	24	.....	.....	.....	0	.....	4	.....	17
30100663-701	CC	950	.....	1700	.....	3350	5.5	.....	.....	7.9	.....	11.6	.....	.....
		0	.....	10	.....	16	.....	.....	.....	0	.....	10	.....	14
		1250	.....	2500	.....	3350	5.5	.....	.....	9.8	.....	12.9	.....	4.3

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

LUCAS DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

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

Distributor Part No.	Rot. ⓐ	Automatic Advance (Distr. Degrees @ RPM)					Vacuum Advance (Distr. Degrees Operate Distr. @ 1000 RPM)				Vacuum Retard (Distr. Degrees Operate Distr. @ 1000 RPM)				
		
45DE4 Midget	CC	.....	.....	1-7	.....	7-13	.....	.....	.....	.....	0	.....	.....	10-14	10-14
		.....	.....	1200	.....	1500	.....	.....	.....	.....	3	.....	.....	11	15
MGB	CC	.....	.....	.....	.....	13-17	.....	.....	.....	.....	.....	.....	.....	.....	.....
		.....	.....	.....	.....	2000	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spitfire	CC	0	.....	8-12	.....	11-15	.....	.....	.....	.....	0	.....	.....	10-14	10-14
		850	.....	1600	.....	2600	.....	.....	.....	.....	1	.....	.....	15	20
47DE4, 47DE4 TR7	CC	0	.....	2-8	.....	8-12	.....	.....	.....	.....	0	.....	.....	10-14	10-14
		.....	.....	1300	.....	1900	.....	.....	.....	.....	3	.....	.....	11	15
36DE12 XJS, XJ12	CC	0	.....	22-26	.....	29-33	.....	.....	.....	.....	0	.....	.....	.....	.....
		900	.....	2000	.....	4000	.....	.....	.....	.....	6	.....	.....	.....	.....
43DE6, 43DE6 TR7	CC	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

ⓐ - C (Clockwise), CC (Counterclockwise), viewed from rotor end. ⓑ - Specifications not furnished by manufacturer.

MAZDA DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE - FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BELOW 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	.....	.....	.....	.....	.....	.....	.....
387918200	C	0	.....	12	.....	20	0	.....	.....	.....	9	.....	.....	.....	.....
		1200	.....	2500	.....	3900	2.4	.....	.....	.....	11.8	.....	.....	.....	.....
39581820P	C	0	.....	10	.....	25	0	.....	.....	.....	6	.....	.....	.....	.....
		1200	.....	3200	.....	5500	8.7	.....	.....	.....	15.4	.....	.....	.....	.....
802818200A	C	0	.....	10	.....	25	0	.....	.....	.....	13	.....	.....	.....	.....
		1200	.....	2500	.....	5500	4.7	.....	.....	.....	13.8	.....	.....	.....	.....
876118200	C	0	.....	11	.....	25	0	.....	.....	.....	5	.....	.....	.....	.....
		1000	.....	2000	.....	4000	4	.....	.....	.....	15.7	.....	.....	.....	.....
		0	.....	11	.....	25	0	.....	.....	.....	17.5	.....	.....	.....	.....
		1000	.....	2000	.....	4000	4	.....	.....	.....	15.7	.....	.....	.....	.....
882618200	C	0	.....	10	.....	20	0	.....	.....	.....	7.5	.....	.....	.....	.....
		1000	.....	2000	.....	3000	3.9	.....	.....	.....	15.7	.....	.....	.....	.....
		0	.....	10	.....	20	0	.....	.....	.....	15	.....	.....	.....	.....
882718200	C	1000	.....	2000	.....	3000	7.9	.....	.....	.....	15.7	.....	.....	.....	.....
		0	.....	10	.....	20	0	.....	.....	.....	7.5	.....	.....	.....	.....
Trailing	C	1000	.....	2000	.....	3000	3.9	.....	.....	.....	15.7	.....	.....	.....	.....
		0	.....	10	.....	20	0	.....	.....	.....	15	.....	.....	.....	.....
		1000	2000	3000	7.9	15.7

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

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1978 Distributor Specifications (Cont.)

MARELLI DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE — FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BELOW BY 2

Distributor Part No.	Rot. ⓐ	Automatic Advance (Distr. Degrees @ RPM)					Vacuum Advance (Distr. Degrees) Operate Distr. @ 1000 RPM				Vacuum Retard (Distr. Degrees) Operate Distr. @ 1000 RPM			
		0	9	21	32	36	.....	.....	.....	.....	.....	.....	.....	.....
S 144 CBY	C	0	9	21	32	36	.....	.....	.....	.....	.....	.....	.....	.....
		1000	1400	2000	3200	3600	.....	.....	.....	.....	.....	.....	.....	.....
S 144 M	C	0	10	16	21	28	.....	.....	.....	.....	.....	.....	.....	.....
		1000	1600	2000	3400	5800	.....	.....	.....	.....	.....	.....	.....	.....

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

MITSUBISHI DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE — FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BELOW 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	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T3T04581	C	0	.....	.....	.....	20	0	.....	.....	20	.....	.....	.....	.....
		1200	.....	.....	.....	6000	3.15	.....	.....	14.2	.....	.....	.....	.....
T3T04687	C	0	.....	.....	.....	20	0	.....	.....	23	.....	.....	.....	.....
		1200	.....	.....	.....	6000	3.15	.....	.....	11	.....	.....	.....	.....
T3T04589	C	0	.....	.....	.....	20	0	.....	.....	15	.....	.....	.....	.....
		1200	.....	.....	.....	6000	5.1	.....	.....	11.8	.....	.....	.....	.....
T3T05771	C	0	.....	.....	.....	20	0	.....	.....	23	.....	.....	.....	.....
		1000	.....	.....	.....	4400	3.15	.....	.....	11	.....	.....	.....	.....
T3T05772	C	0	.....	.....	.....	20	0	.....	.....	20	.....	.....	.....	.....
		1000	.....	.....	.....	4400	2.4	.....	.....	14.2	.....	.....	.....	.....
T3T05776	C	0	.....	.....	.....	20	0	.....	.....	28	.....	.....	.....	.....
		1000	.....	.....	.....	4400	2.4	.....	.....	9.5	.....	.....	.....	.....
T3T05775	C	0	.....	.....	.....	20	0	.....	.....	20	.....	.....	.....	.....
		1000	.....	.....	.....	4400	3.2	.....	.....	14.2	.....	.....	.....	.....
T3T04874	C	0	.....	.....	.....	20	0	.....	.....	20	0	.....	.....	10
		1200	.....	.....	.....	6000	3.2	.....	.....	14.2	9.1	.....	.....	12.2
T3T04887	C	0	.....	.....	.....	20	0	.....	.....	15	0	.....	.....	10
		1200	.....	.....	.....	6000	5.1	.....	.....	11.8	8.1	.....	.....	12.2
T3T07182-3879	C	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T3T60772-3877	C	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T3T60774-8786	C	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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

NIPPONDENSO DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS

NOTE — FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BELOW 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	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19100-24180	C	0	.....	23	.....	28	0	.....	12	18	.....	.....	.....	.....
		1000	.....	3400	.....	5400	4.3	.....	7.9	10.2	.....	.....	.....	.....
19100-26231	C	0	5.2	16	24	22.6	0	6	13.6	18	.....	.....	.....	.....
		1100	1550	2400	4200	6000	3.5	4.7	8.7	11.8

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

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NIPPONDENSO DISTRIBUTOR ADVANCE & RETARD SPECIFICATIONS (Cont.)

NOTE — FOR DISTRIBUTOR RPM & DEGREES, DIVIDE SPECIFICATIONS BELOW BY 2

Distributor Part No.	Ret. ①	Centrifugal Advance (Engine Degrees @ RPM)					Vacuum Advance (Engine Degrees @ In. of Hg)				Vacuum Retard (Engine Degrees @ In. of Hg)			
		0	4.2	12.4	20	19.6	0	8.2	20	26	.....	.....	.....	.....
19100-26280	C	0	4.2	12.4	20	19.6	0	8.2	20	26	.....	.....	.....	.....
		1000	1750	2800	5400	6000	4.3	6.3	10.2	13	.....	.....	.....	.....
19100-26290	C	0	4.2	12.4	16	14.6	0	7.4	18.4	24	.....	.....	.....	.....
		1000	1750	2800	4100	6000	4.3	8.3	10.2	13	.....	.....	.....	.....
19100-38050	C	0	9.4	14	19.2	20.2	0	3.6	23.6	28	.....	.....	.....	.....
		1100	2000	2800	4400	6000	3.9	4.7	10.6	15.8	.....	.....	.....	.....
19100-38060	C	0	9.4	14	19.2	20.2	0	3	16	20	.....	.....	.....	.....
		1100	2000	2800	4400	6000	3.9	4.7	9.5	15	.....	.....	.....	.....
19100-38070	C	0	8.4	14	19.2	20.2	0	4	17.8	22	.....	.....	.....	.....
		1100	2000	2800	4400	6000	3.9	4.7	8.3	13.4	.....	.....	.....	.....
19100-38081	C	0	9.4	14	19.2	20.2	0	3.6	23.6	28	.....	.....	.....	.....
		1100	2000	2800	4400	6000	3.9	4.7	10.6	15.8	.....	.....	.....	.....
19100-38091	C	0	9.4	14	19.2	20.2	0	3.6	23.6	28	.....	.....	.....	.....
		1100	2000	2800	4400	6000	3.9	4.7	10.6	15.8	.....	.....	.....	.....
19100-38150	C	0	9.4	14	19.2	20.2	0	3	16	20	.....	.....	.....	.....
		1100	2000	2800	4400	6000	3.9	4.7	9.5	15	.....	.....	.....	.....
19100-38180	C	0	9.4	14	19.2	20.2	0	3.6	23.6	28	.....	.....	.....	.....
		1100	2000	2800	4400	6000	3.9	4.7	10.6	15.8	.....	.....	.....	.....
19100-45150	C	0	4.4-8.4	8.2-11.2	12.4-15.4	13.4-17.4	0	.....	10-13.8	14-18	.....	.....	.....	.....
		1500	1800	2400	4400	6000	3.5	.....	7.9	13.4	.....	.....	.....	.....
19100-45160	C	0	4.4-8.4	8.2-11.2	12.4-15.4	13.4-17.4	0	.....	9.8-14.6	14-18	.....	.....	.....	.....
		1500	1800	2400	4400	6000	8.3	.....	10.6	15	.....	.....	.....	.....
19100-61061	C	0	.....	20	.....	17.8	.....	.....	.....	.....	0	.....	.....	10
		1000	.....	3200	.....	6000	.....	.....	.....	.....	3.2	.....	.....	5.5
19100-61100	C	0	10	.....	20	18.4	0	.....	.....	10	0	.....	.....	6
		1200	1800	.....	3800	6000	3.9	.....	.....	6.3	3.2	.....	.....	5.5
19100-61110	C	0	10	.....	20	18.4	0	.....	.....	10	.....	.....	.....	.....
		1200	1800	.....	3800	6000	3.9	.....	.....	6.3	.....	.....	.....	.....
029 100 3281	CC	0	5	10	20	26	0	5	8	10	.....	.....	.....	.....
		1250	1800	2300	3500	4400	3.2	5.5	7.1	8.5	.....	.....	.....	.....
0291 100 4220	CC	0	.....	10	.....	26	0	7	10	10	0	5	7	8
		800	.....	2000	.....	4500	2	8	12	16	3	8	12	16
0291 100 4270	CC	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

① — C (Clockwise), CC (Counterclockwise), viewed from rotor end.