

# Technical Data Specifications

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## DU 404

**888-46**

**888-55**

**Technical Data**  
**400 KHU Insert**  
**0,6/1,25 Focal Spots**

**Données Techniques**  
**Tubes 283 kJ**  
**0,6/1,25 Foyers**

**Technische Daten**  
**Röhre 283 kJ**  
**0,6/1,25 Brennpunkte**

**Datos Técnicos**  
**283 kJ Tubos**  
**0,6/1,25 Puntos Focales**

**For use with:**  
**Pour utilisation avec:**  
**Für gebrauch mit:**  
**Usado en:**

**MX-100-FLX: (873-88)**  
**(873-87)**

**MX-100: (873-84)**  
**(873-86)**  
**(873-83)**  
**(873-85)**

**DX 62: (873-82)**  
**(873-81)**

**B150: (873-80)**

***DUNLEE***

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Please refer to accompanying General Information Booklet for important safety warnings, servicing and operating conditions, warranty, and return procedure.

Veillez se référer à accompagner le Livret d'Informations Générales pour des avertissements importants de sûreté, à l'entretien et aux conditions de fonctionnement, à la garantie, et au procédé de retour.

Beziehen Sie bitte sich das Begleiten des allgemeinen Informationsheftes für wichtige Sicherheit Warnungen, die Wartung und die Betriebsbedingungen, Garantie und auf Rückholverfahren.

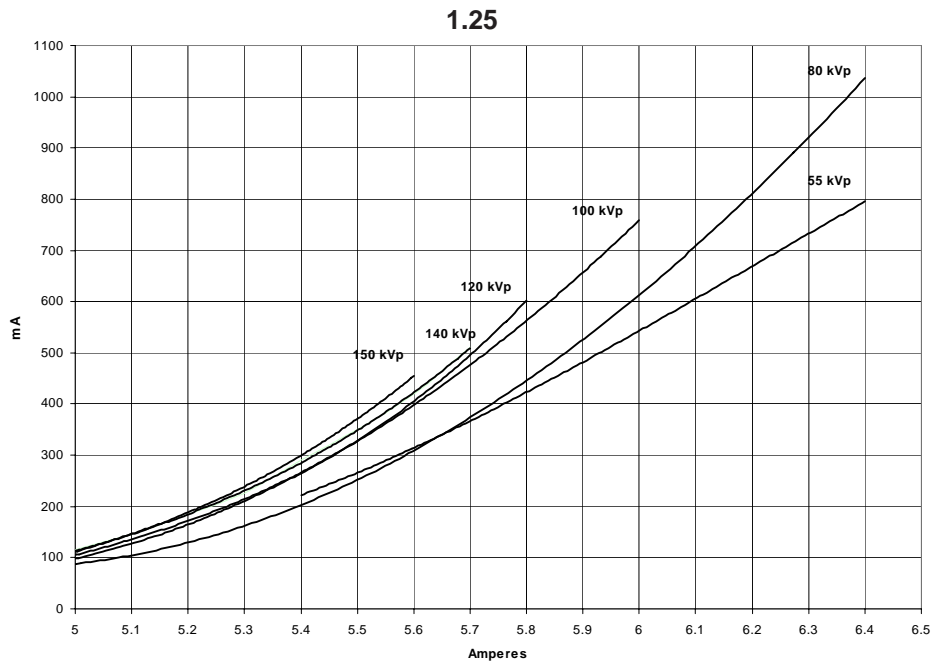
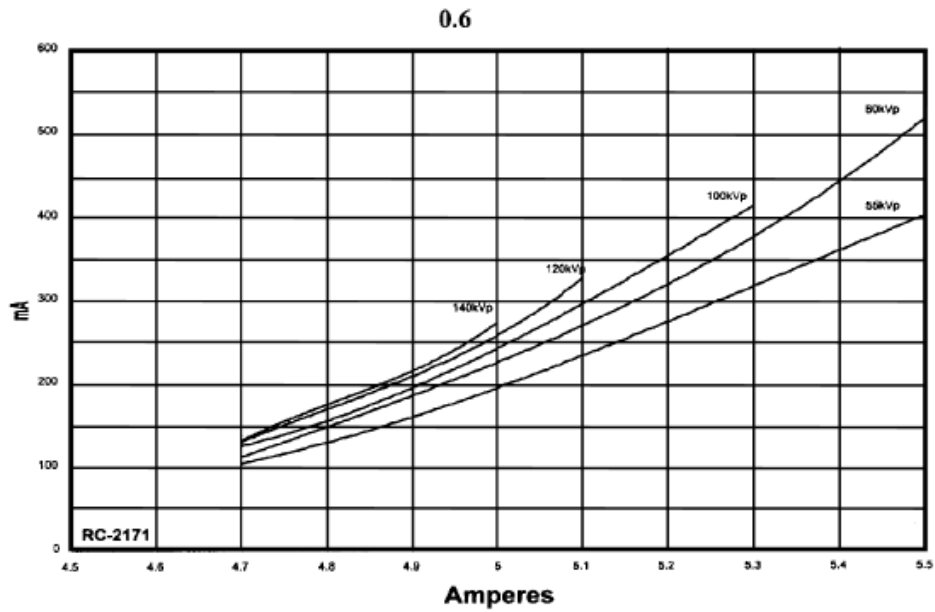
Refiera por favor a acompañar el Librete de la Información General para las advertencias importantes de seguridad, a mantenimiento y a las condiciones de funcionamiento, a la garantía, y al procedimiento de vuelta.

- Document originally drafted in English
- Le document a été à l'origine écrit en Anglais
- Dokument wurde ursprünglich auf Englisch geschrieben
- El documento fue escrito originalmente en Inglés

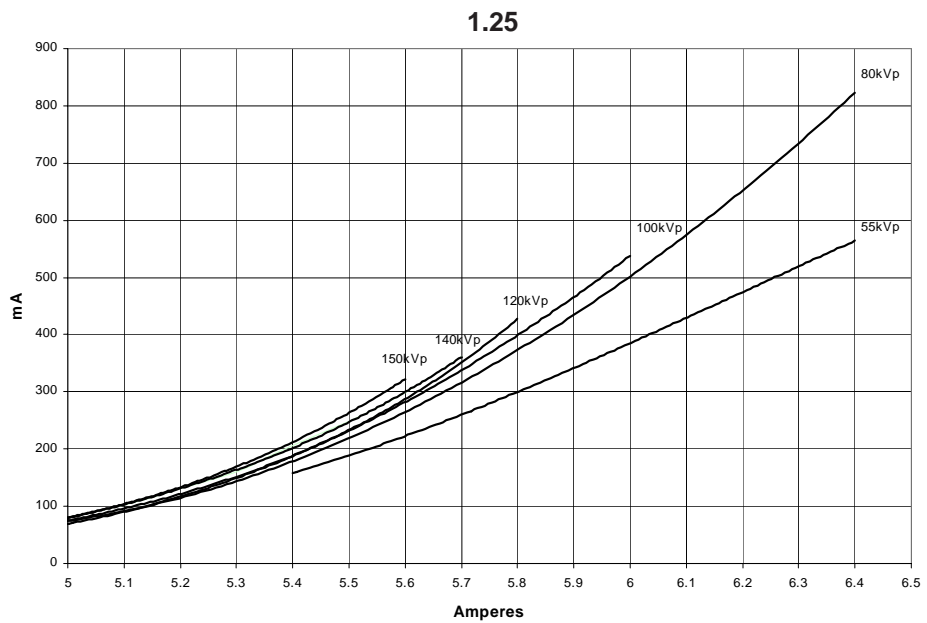
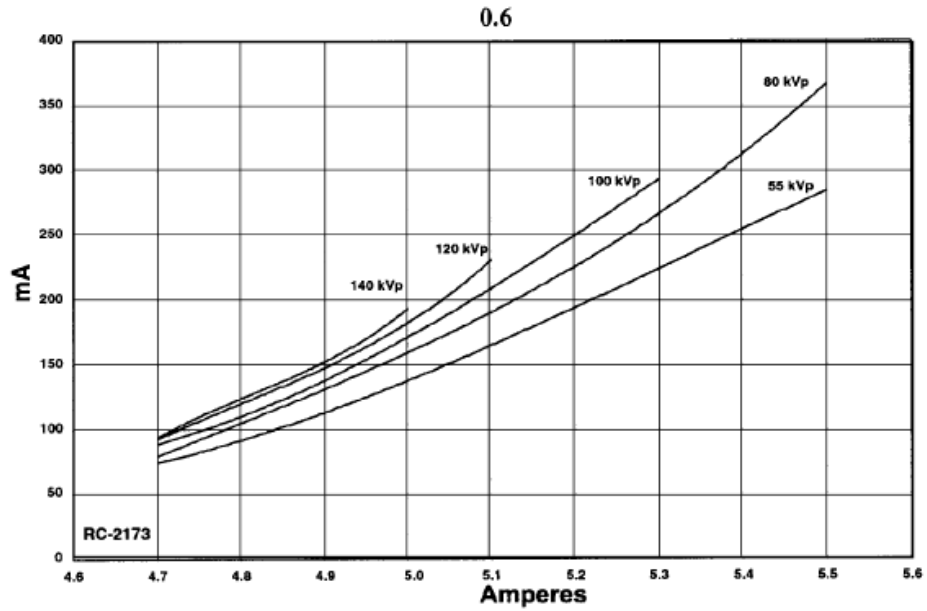
**-PRODUCT SPECIFICATIONS -CARACTÉRISTIQUES DE PRODUIT  
-PRODUKTBESCHREIBUNGEN -ESPECIFICACIONES DE PRODUCTO**

Nominal Voltage Tension nominale Nennleistung Voltaje Nominal	150 kVp
Anode Speed Vitesse de l'anode Anodendrehzahl Velocidad del Ánodo	3000/9000 RPM
Maximum Load (.1 seconds) Charge Maximale (.1 seconde) Maximalbelastung (.1 Sek.) Carga Máx. (.1 sec)	34/100 kW
Anode Heat Storage Capacity Capacité maximale d'accumulation de chaleur dans l'anode Wärmespeicherfähigkeit der Anode Capacidad Térmica	400 KHU (283 kJ)
Focal Spots Foyers Brennpunkte Puntos Focales	0.6 1.25
Material Matériau Material Material	RTM
Target Diameter Le diamètre de l'Anode Anode Durchmesser Diametro del ánodo	101 mm (4 in)
Maximum Anode Cooling Rate Vitesse maximale de refroidissement de l'anode Maximale Kühlungsrate der Anode Máximo Enfriamiento del ánodo	1.42 kW
Target Angle Le Pente de l'Anode Anode Winkel Angulo del ánodo	13.5°
Filament operating range (Maximum values for short time only) Chauffage (valeurs max. seulement instantanées) Heizung (Maximalwerte nur kurzzeitig) Calefacción (valores máximos solo instantáneos)	2.2 - 6.6 V    3.0 - 11.8 V 3.0 - 5.5 A    3.0 - 6.5 A
Minimum Inherent Filtration (Al Equivalent) Filtration inhérente minimale (équivalente Al) Mindesteigenfilter (Al-Gleichwert) Filtracion inherente mínima (equivalencia de Al)	0.7 mm Al
Applicable Standards Normes applicables Anwendbare Standards Estándares aplicables	IEC 60522, IEC 60526, IEC 60613, IEC 60336, EN 60601-1, EN 60601-1-3, EN 60601-2-28

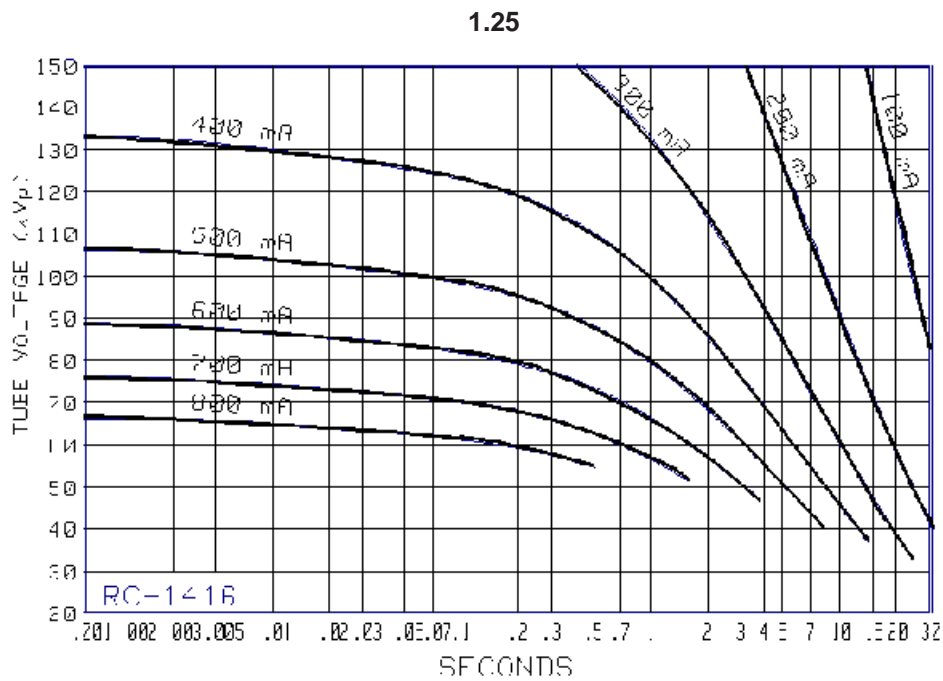
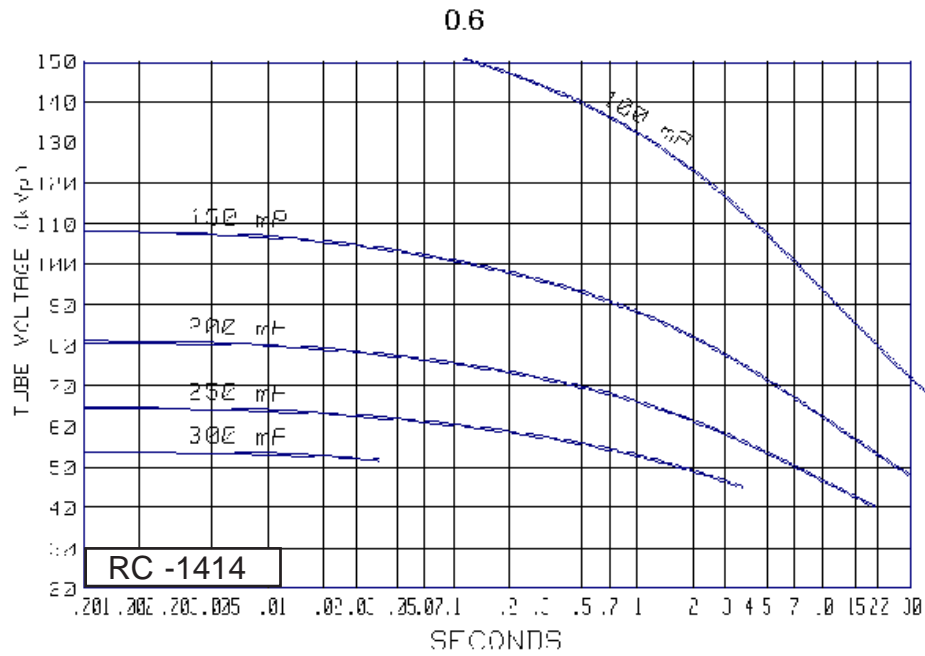
-FILAMENT EMISSIONS CHARTS -ABAQUES D'ÉMISSION DES FILAMENTS  
-GLÜHFADENEMISSIONSKURVEN -TABLAS DE EMISIÓN DE LOS FILAMENTOS



-FILAMENT EMISSIONS CHARTS -ABAQUES D'ÉMISSION DES FILAMENTS  
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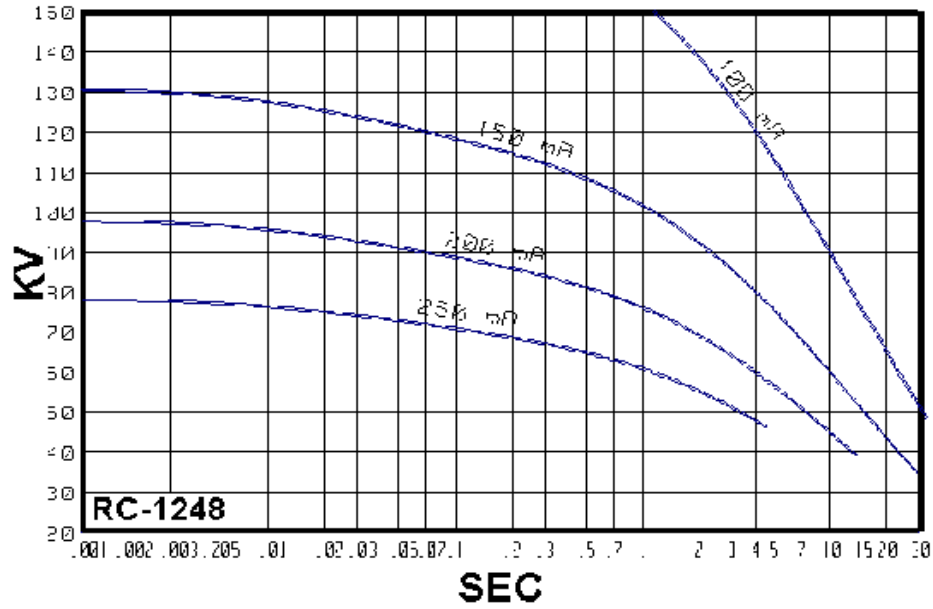


-SINGLE LOAD RATINGS -ESTIMATIONS SIMPLÉS DE CHARGMENT  
 -ERWÄRMUNGS-UND ABKÜHLUNGSKURVEN DER ANODE -SOLO GRADO DE LA CARGA

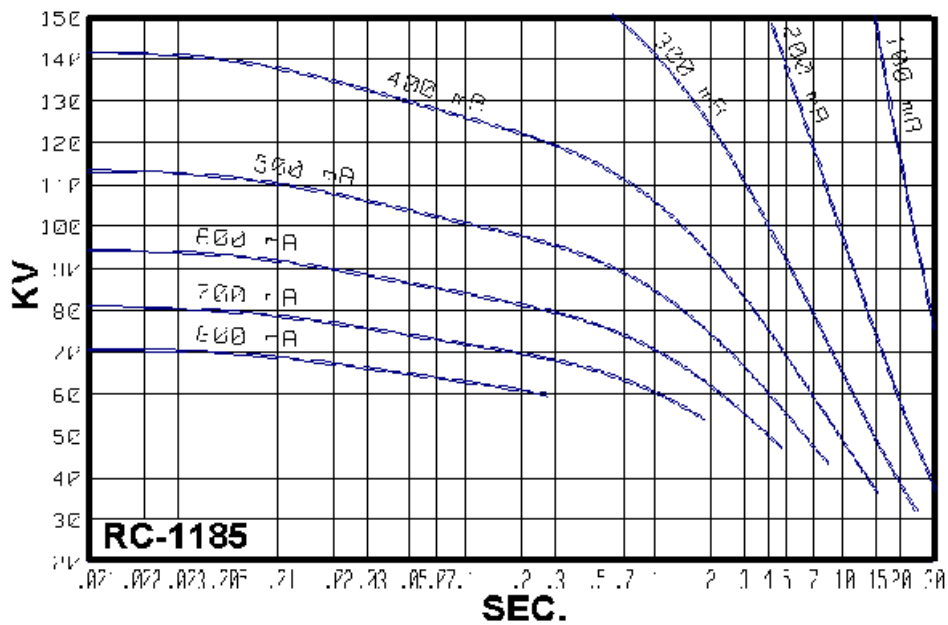


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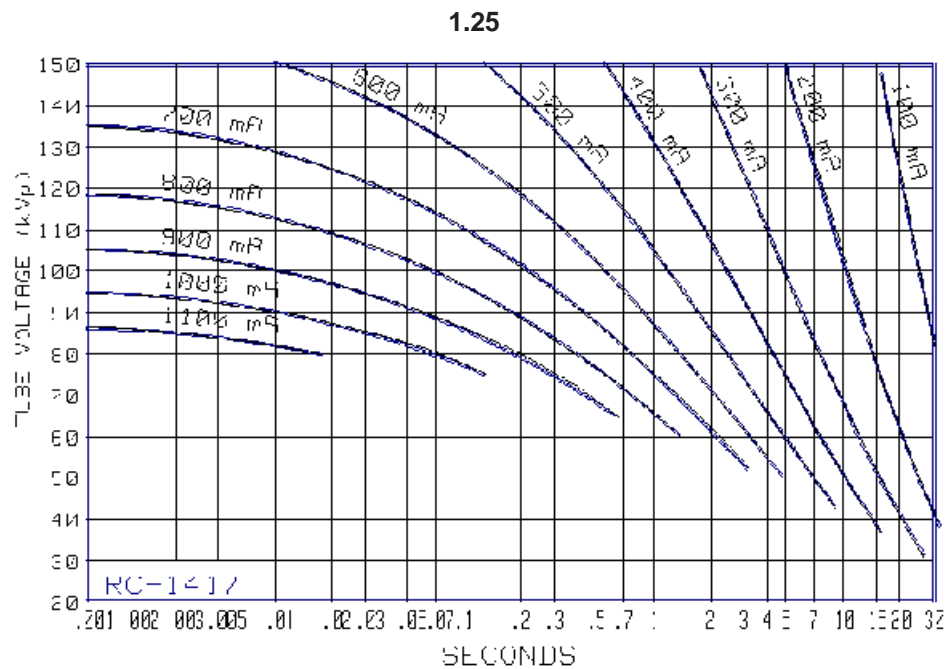
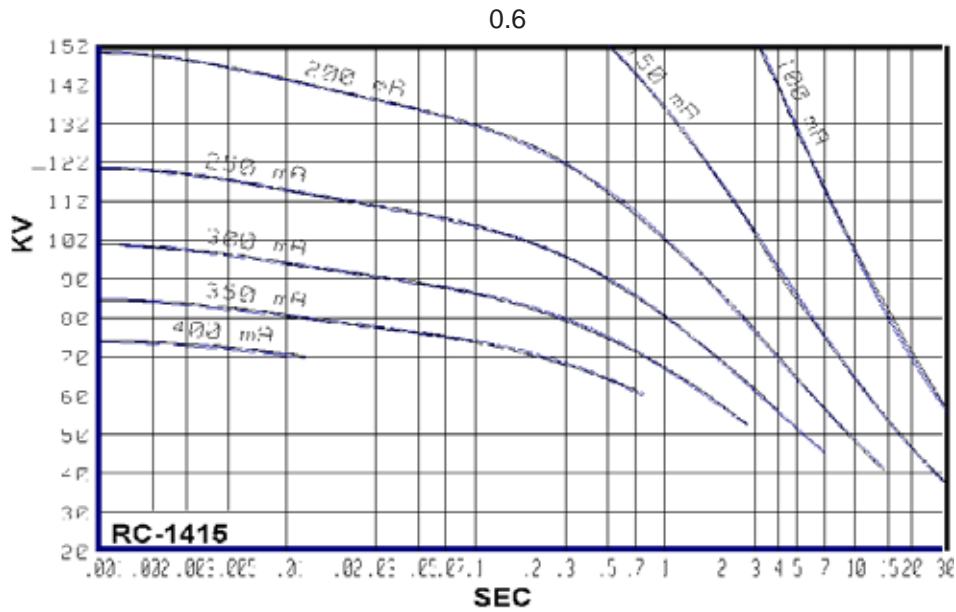
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1.25

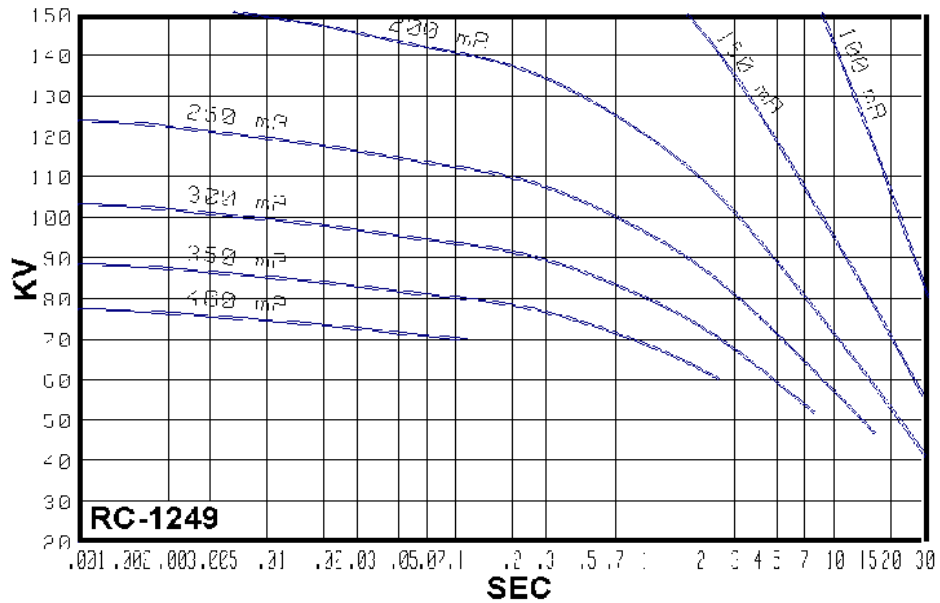


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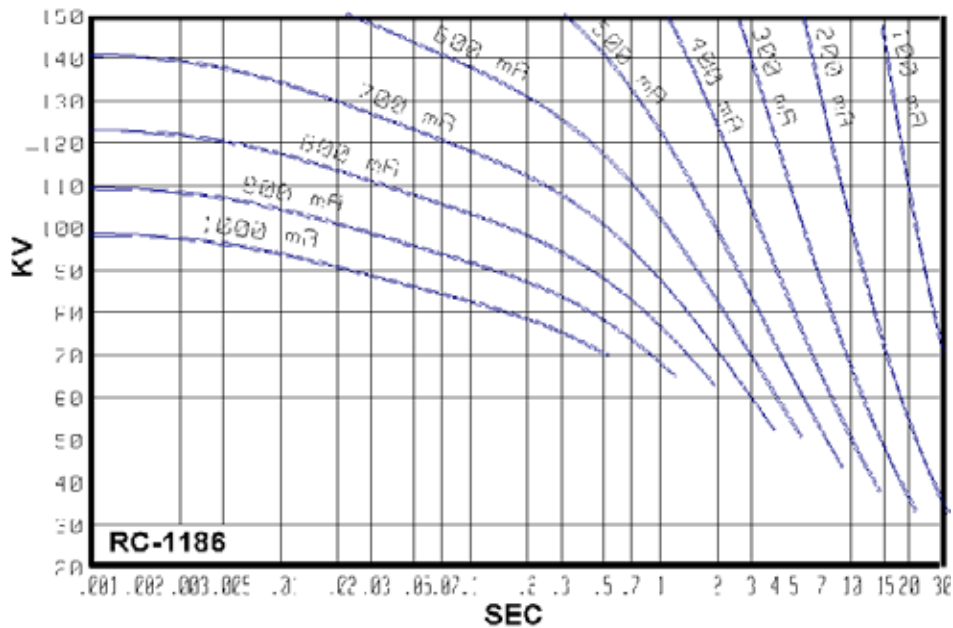


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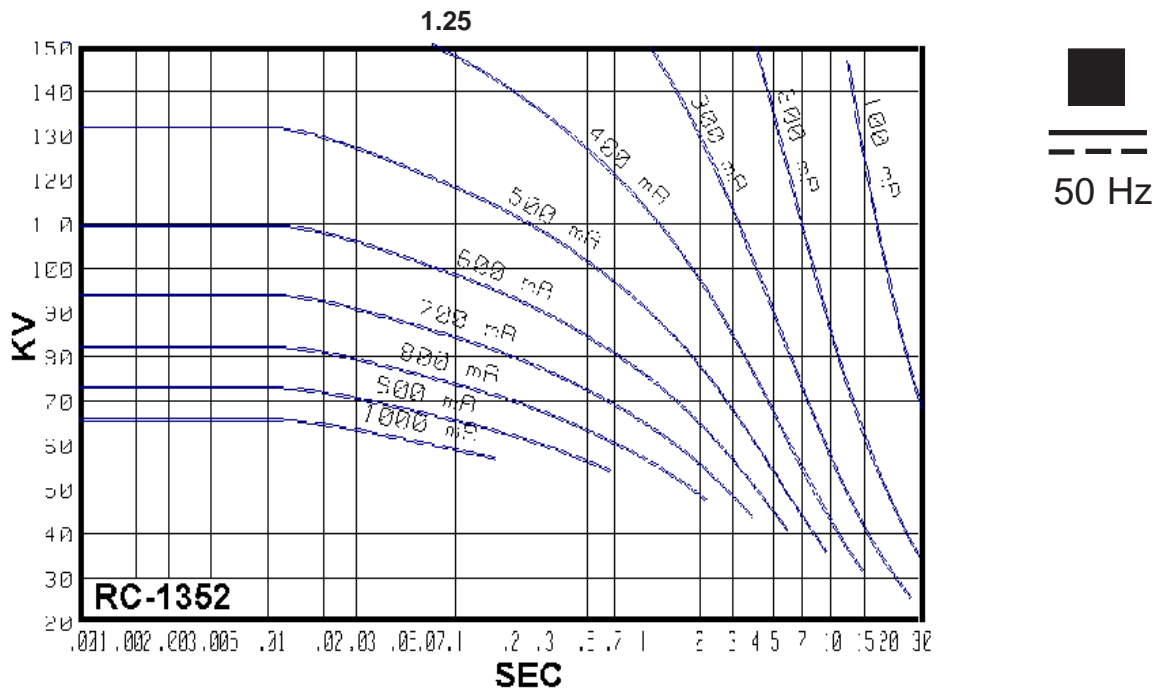
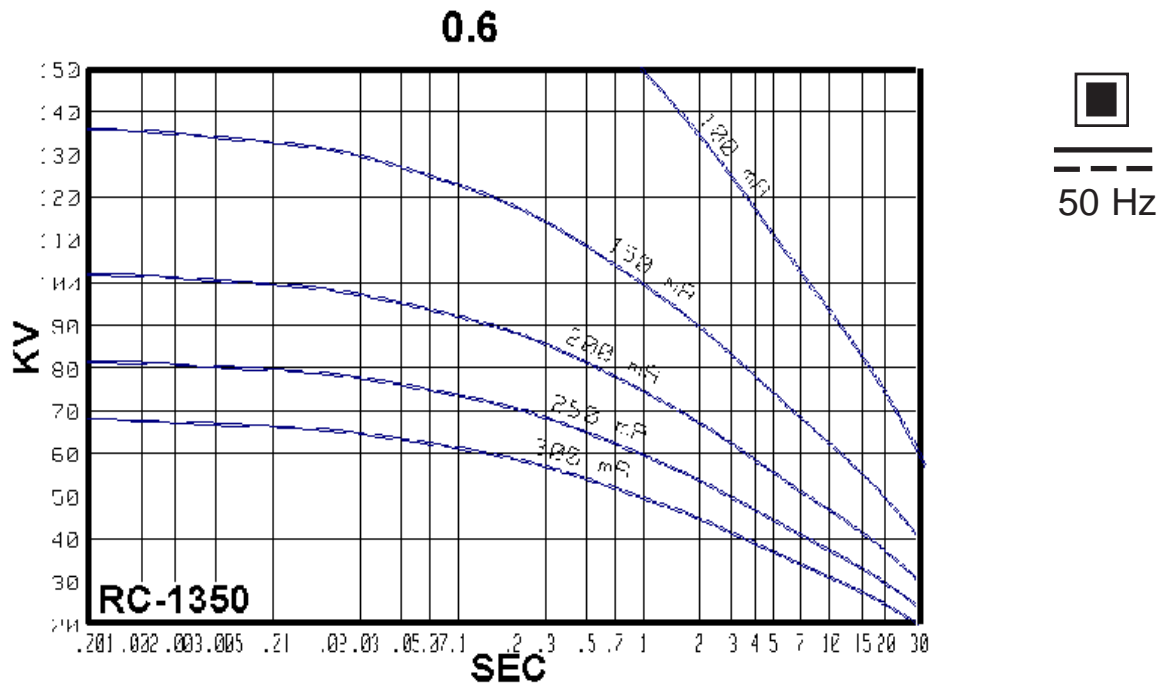
**0.6**



**1.25**

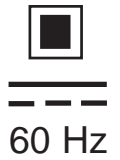
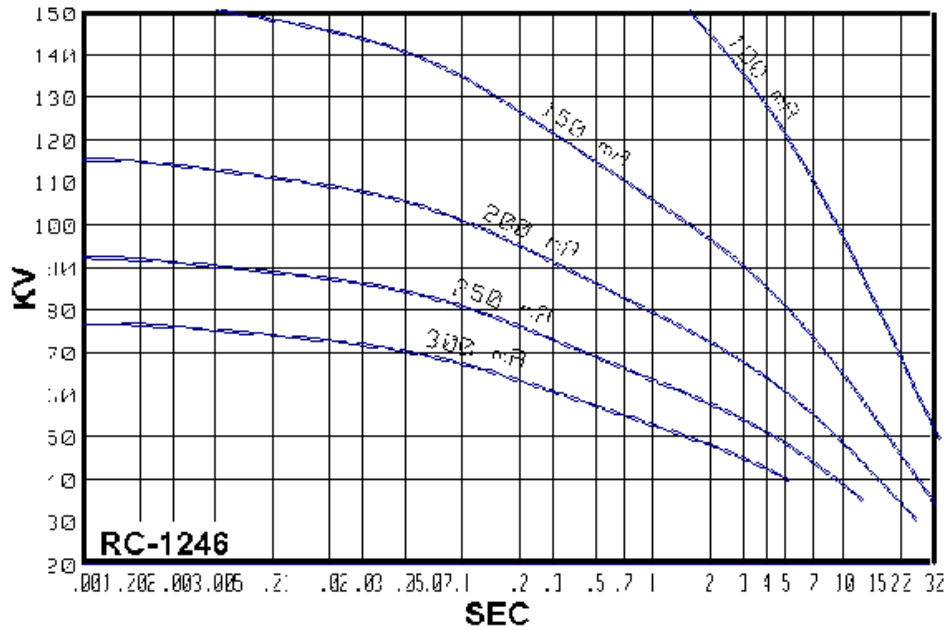


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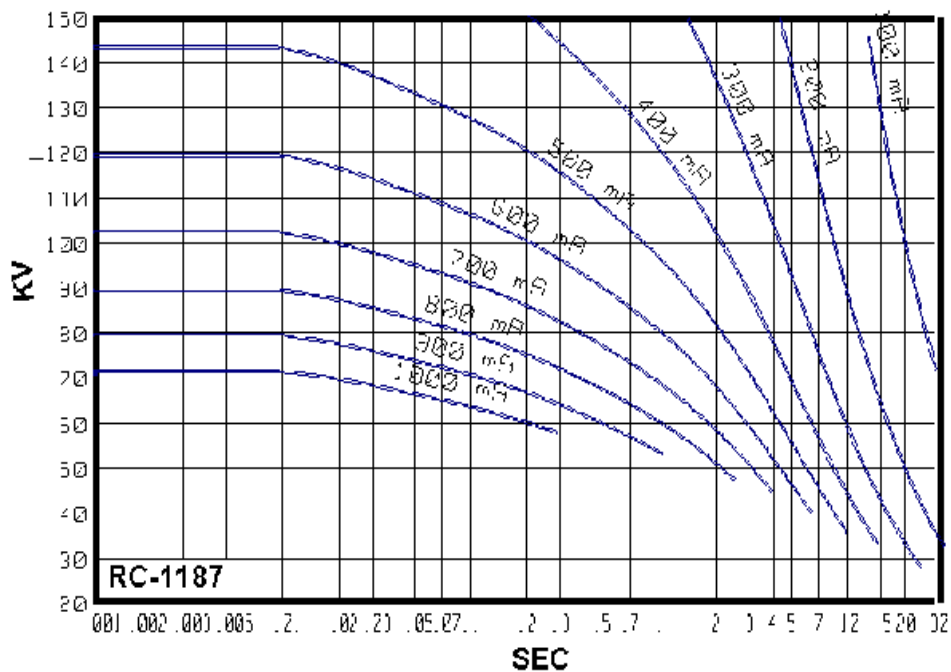


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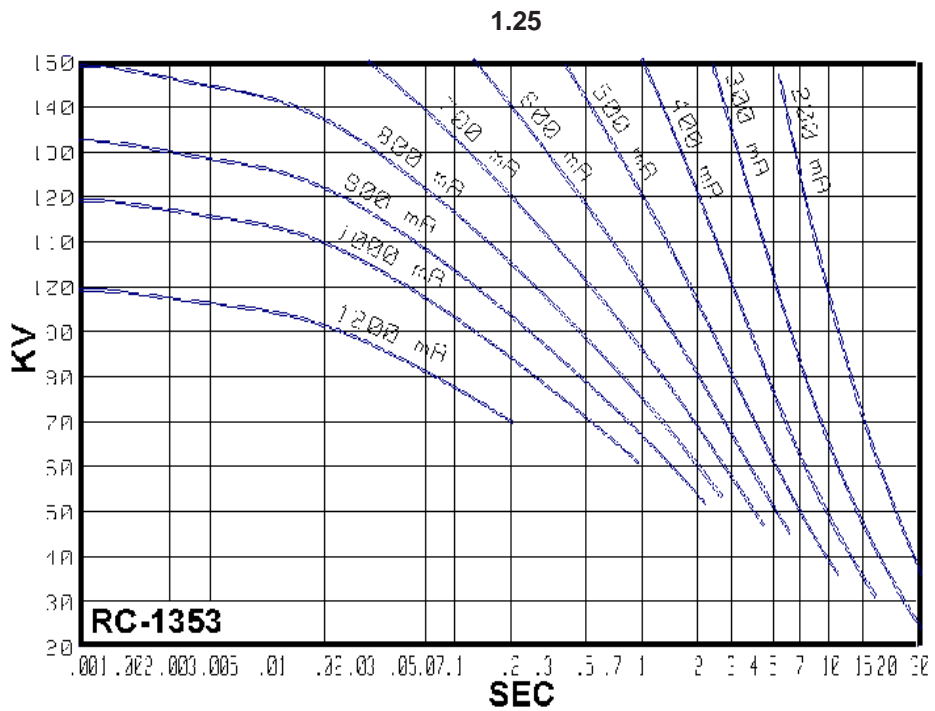
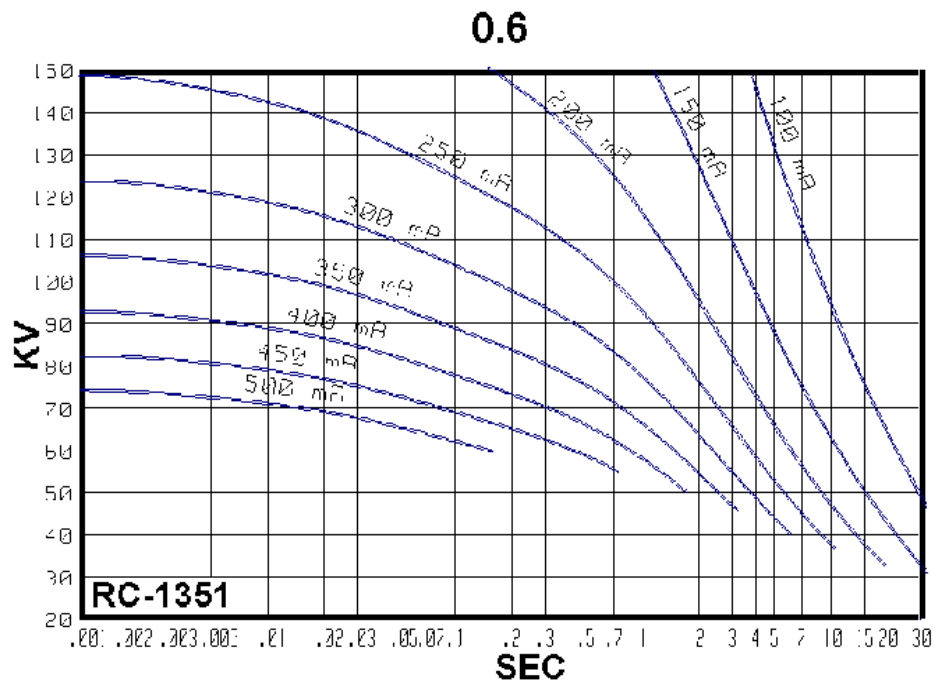
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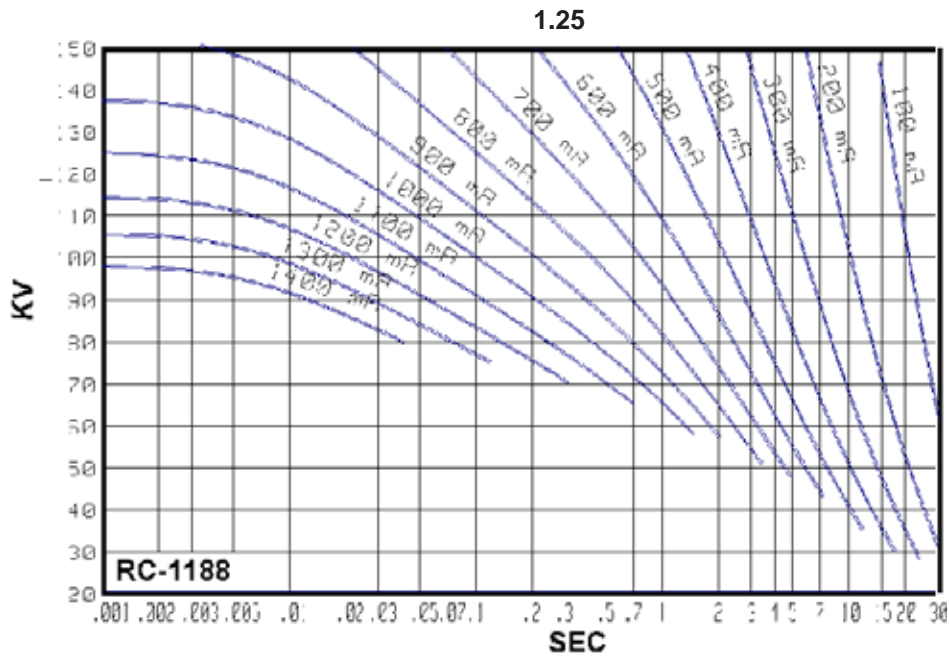
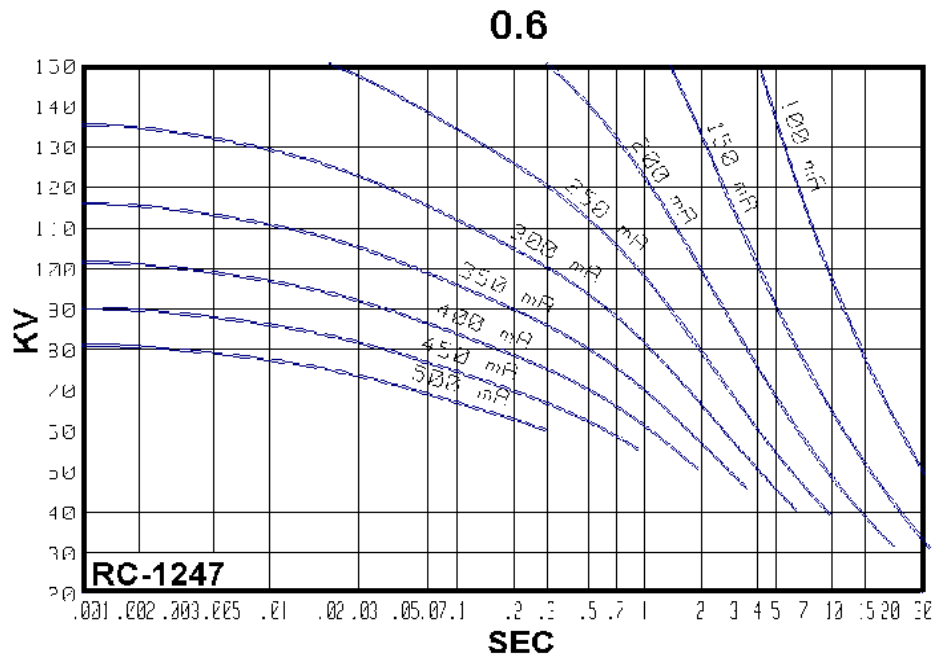
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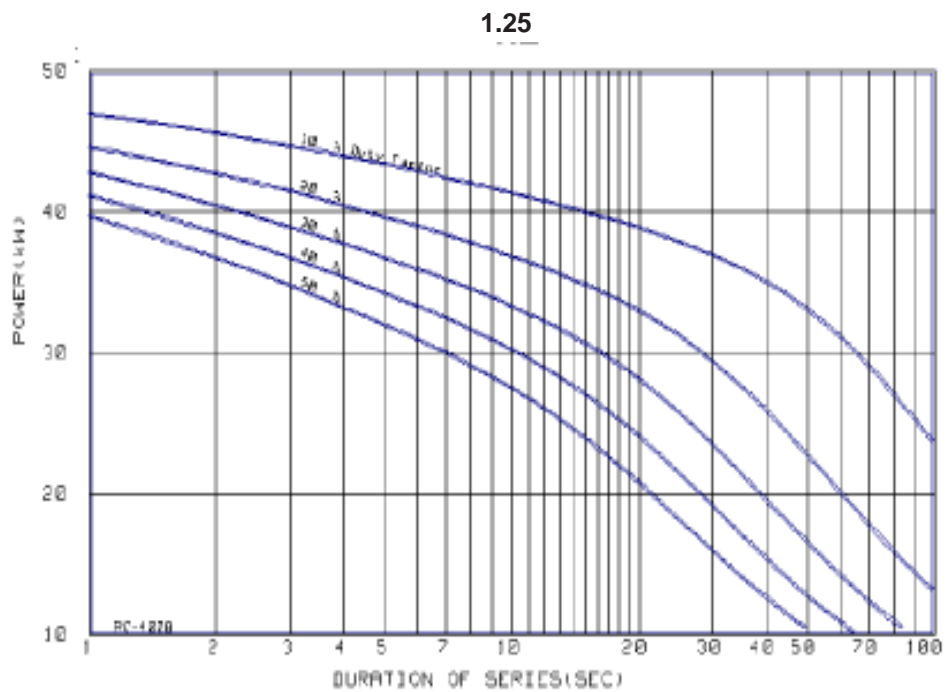
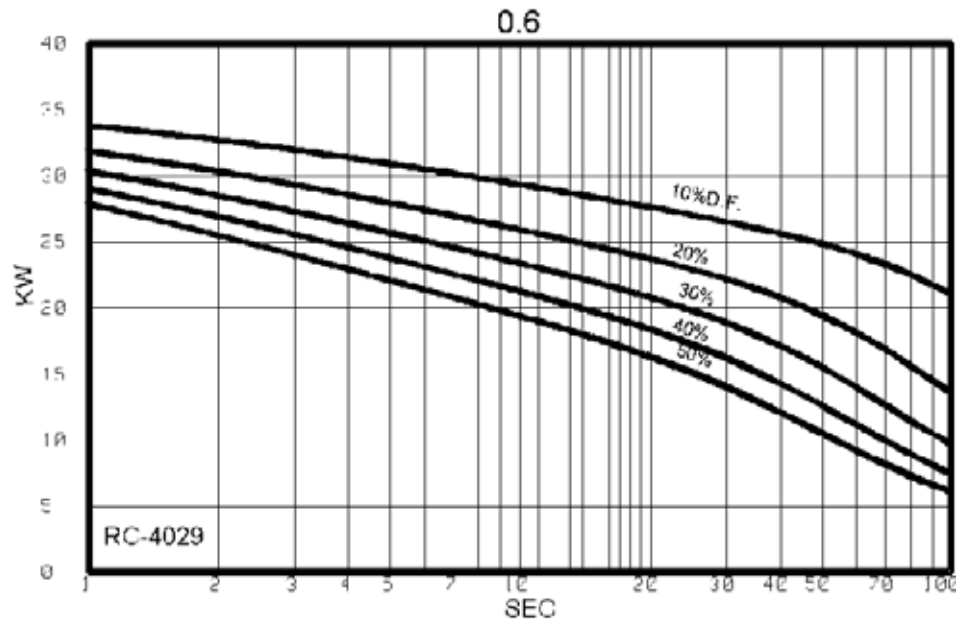
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 -ERWÄRMUNGS-UND ABKÜHLUNGSKURVEN DER ANODE -SOLO GRADO DE LA CARGA



-CINE RADIOGRAPHIC RATING CHARTS - ABAQUES D'EXPOSITIONS CINERADIOGRAPHIQUES  
-RÖNTGENSTRAHLUNGS BELASTUNGSKURVEN - TABLAS DE EXPOSICIÓN CINERADIOGRÁFICA



-ANGIOGRAPHIC RATING CHARTS -ABAQUES D'EXPOSITIONS ANGIOGRAPHIQUES  
-RÖNTGENSTRAHLUNGS BELASTUNGSKURVEN -TABLAS DE EXPOSICIÓN ANGIOGRÁFICA

(f/sec)	(Sec)	.6 RC-5007					
		2 TO 5	6 TO 10	11 TO 15	16 TO 20	21 TO 25	26 TO 30
		(KW)	(KW)	(KW)	(KW)	(KW)	(KW)
1 TO 2	1/60	22	22	21	21	20	19
	1/30	21	21	20	19	18	17
	1/20	20	20	18	17	17	15
	1/10	19	18	16	15	14	13
	1/5	17	14	11	10	10	9
	1/4	13	11	8	7	7	6
3 TO 6	1/60	20	20	19	19	18	17
	1/30	19	19	17	17	16	15
	1/20	17	17	16	16	15	13
	1/10	16	15	15	14	13	12
7 TO 12	1/60	19	19	17	17	16	15
	1/30	17	17	16	16	15	13
	1/20	16	15	15	4	13	12



50 Hz  
60 Hz

(f/sec)	(SEC)	1.2 RC-5015					
		2 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30
		(KW)	(KW)	(KW)	(KW)	(KW)	(KW)
1 - 2	1/60	66	63	60	58	55	54
	1/30	63	60	56	53	50	48
	1/20	60	55	51	47	44	42
	1/10	56	51	46	42	39	37
	1/5	48	35	28	22	20	18
	1/4	38	28	22	18	16	15
	3 - 6	1/60	60	55	51	47	44
1/30		56	51	46	42	39	37
1/20		52	46	42	40	38	37
1/10		47	43	40	39	37	36
7 - 12	1/60	56	51	46	42	39	37
	1/30	52	46	42	40	38	37
	1/20	47	43	40	39	37	36



50 Hz  
60 Hz

-ANGIOGRAPHIC RATING CHARTS -ABAQUES D'EXPOSITIONS ANGIOGRAPHIQUES  
-RÖNTGENSTRAHLUNGS BELASTUNGSKURVEN -TABLAS DE EXPOSICIÓN ANGIOGRÁFICA

(f/sec)	(SEC)	.6 RC-5008					
		2 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30
		(KW)	(KW)	(KW)	(KW)	(KW)	(KW)
1 - 2	1/60	35	35	34	34	33	32
	1/30	34	34	33	32	31	30
	1/20	33	32	31	30	29	27
	1/10	32	30	28	26	24	22
	1/5	26	24	22	20	19	18
	1/4	20	18	16	14	13	12
3 - 6	1/60	33	33	32	32	31	30
	1/30	32	32	30	30	29	27
	1/20	30	29	28	27	26	24
	1/10	28	26	25	24	23	22
7 - 12	1/60	32	32	30	30	29	27
	1/30	30	29	28	27	26	24
	1/20	28	26	25	24	23	22



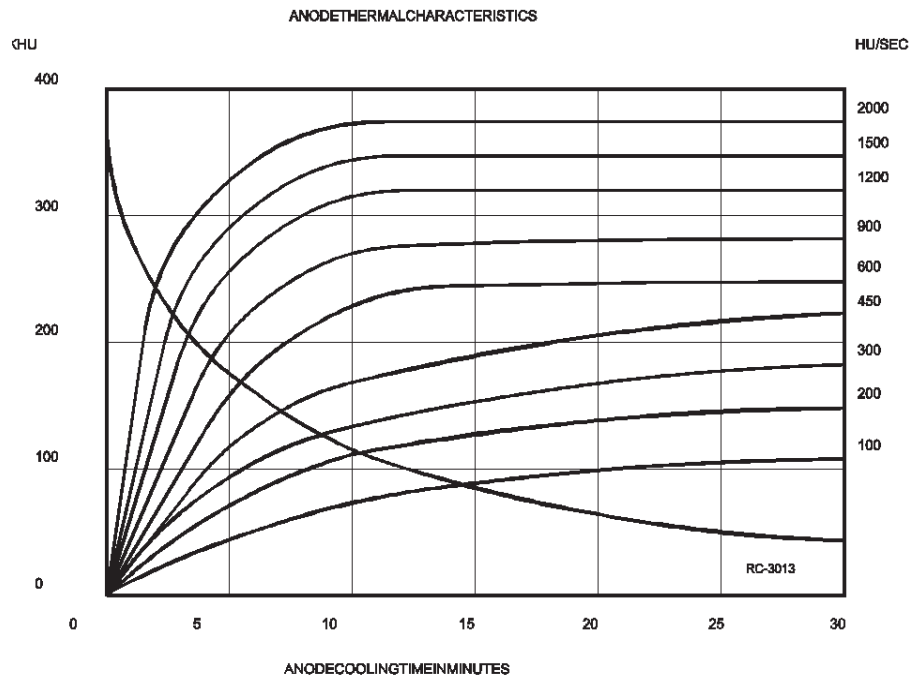
150 Hz  
180 Hz

(f/sec)	(SEC)	1.2 RC-5016					
		2 - 5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30
		(KW)	(KW)	(KW)	(KW)	(KW)	(KW)
1 - 2	1/60	115	110	105	100	96	93
	1/30	110	105	97	91	87	83
	1/20	105	95	88	82	77	73
	1/10	97	88	80	73	68	60
	1/5	83	60	48	38	34	30
	1/4	66	48	38	30	27	24
3 - 6	1/60	105	95	88	82	77	73
	1/30	97	88	80	76	72	69
	1/20	90	80	73	70	67	65
	1/10	82	75	70	67	64	60
7 - 12	1/60	97	88	80	76	72	69
	1/30	90	80	73	70	67	65
	1/20	82	75	70	67	64	60

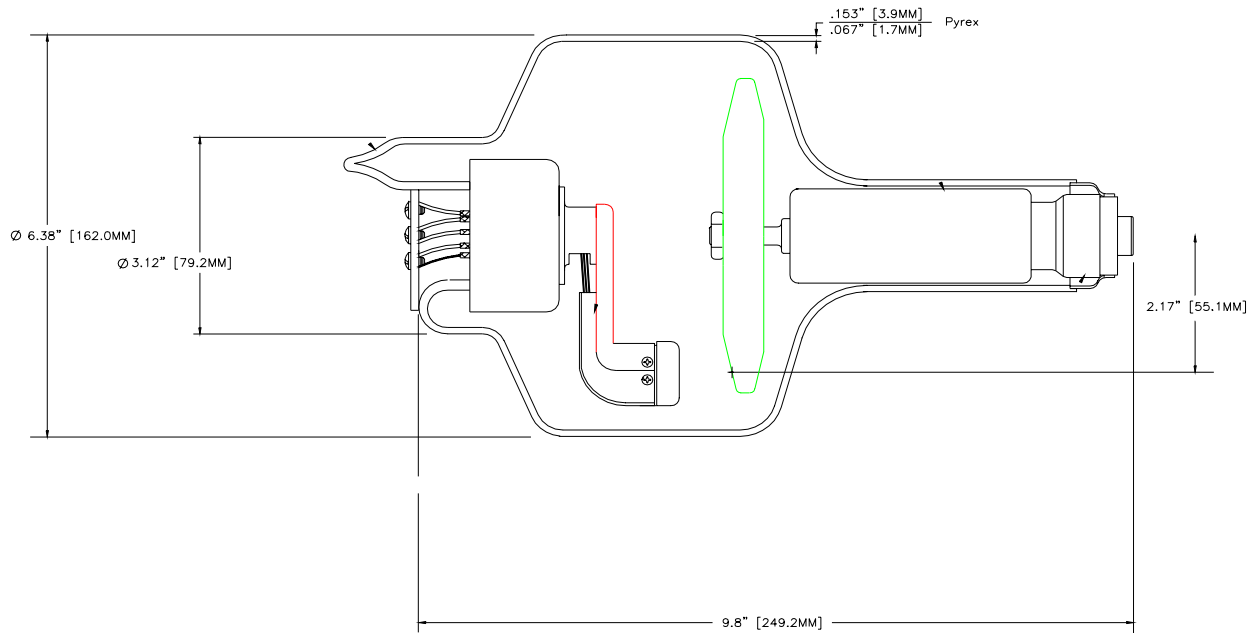


150 Hz  
180 Hz

- ANODE HEATING & COOLING -ECHAUFFAGE ET REFROIDESSEMENT DE L'ANODE  
 - WARMEEINHEITEN -ENFRIAMIENTO Y CALENTAMIENTO DEL ANODO

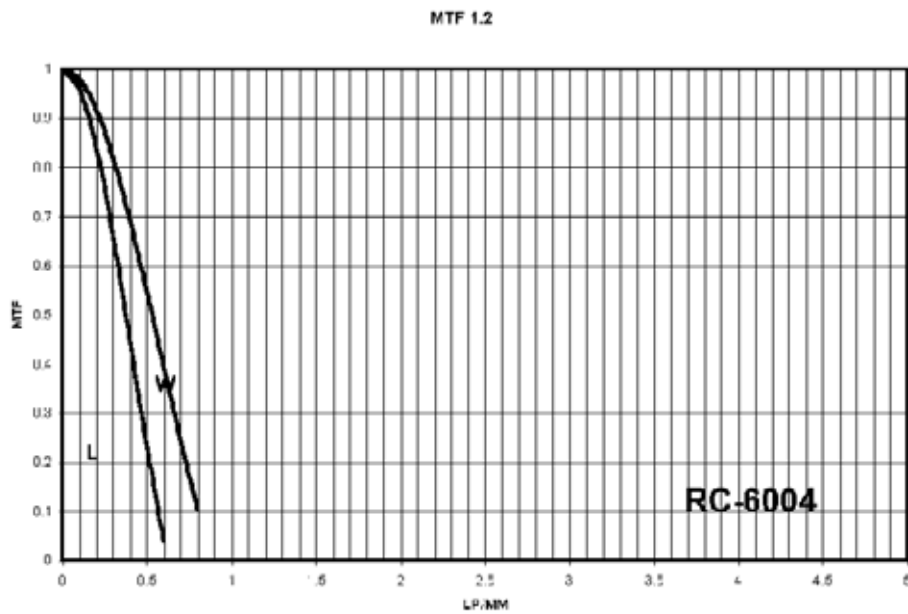
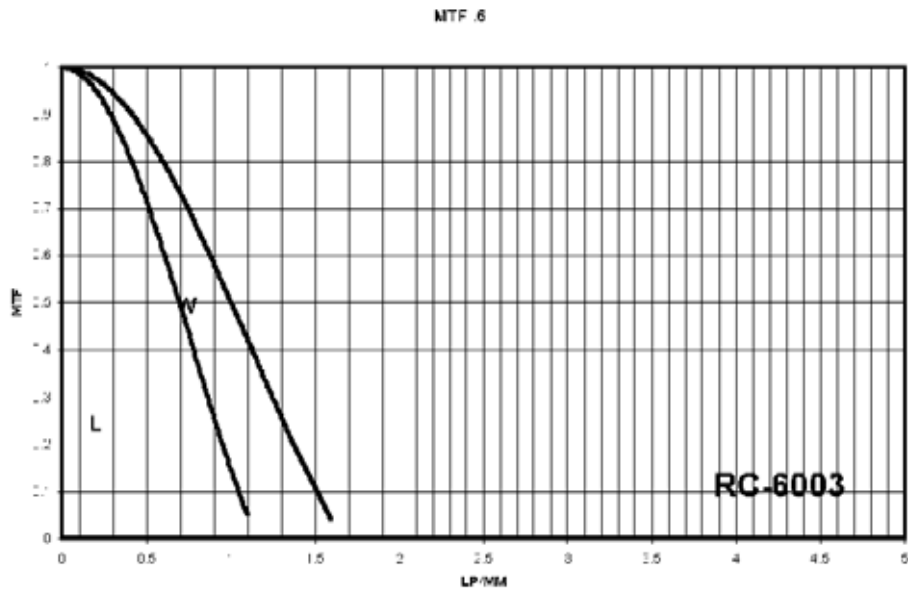


- DIMENSIONAL DATA - DIMENSIONNEMENT  
 - ABMESSUNGEN - INFORMACIÓN DE LAS DIMENSIONES



-MODULAR TRANSFER FUNCTION -FONCTION DE TRANSFERT DE MODULATION  
-MODULATIONS-TRANSFER-FUNKTION -FUNCIÓN DE TRANSFERENCIA MODULAR

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## Sales, Service, and Manufacturing Locations

### World Headquarters

555 North Commerce Street  
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Tel: 800.238.3780 (U.S. & Canada)  
630.585.2100  
Fax: 630.585.2125

### Tubemaster Facility

2312 Avenue J  
Arlington, Texas 76006 USA  
Tel: 800.544.9729 (U.S. & Canada)  
817.640.7666  
Fax: 817.640.6644

### Medical Components

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Marbacher Strasse 114  
D-40597 Düsseldorf, Germany  
Tel: 49.0.211.20.30.05  
Fax: 49.0.211.20.30.00

### Richmond Facility

8819 Whitepine Road  
Richmond, Virginia 23237 USA  
Tel: 800.526.0555 (U.S. & Canada)  
804.714.2501  
Fax: 804.714.2507

### Sales Office - Mexico

La Palma 6, 3rd Floor  
Col. San Fernando La Herradura  
Huixquilucan, Edo. Mex., México.  
CP 52736  
Tel: 52.55.52.69.92.03  
52.55.21.09.75.21  
Fax: 52.55.52.69.92.04

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Philips Medical Systems S.p.A  
Via Casati 23  
20052 Monza (MI) Italy  
Tel: 39.039.203.6536  
Fax: 39.039.203.6175

### Sales Office - Asia

26th, Hopewell Center  
17 Kennedy Road, Wanchai  
Hong Kong  
Tel: 852.2876.7569  
Fax: 852.2527.7136

### Sales Office - Brazil

Rua Ceará, 58 Alphaville  
0646-120 Barueri-SP-Brazil  
Tel: 55.11.4689.6026  
Fax: 55.11.4189.0288

### Sales Office - France

102 Bis rue de la Ferté Alais  
91820 Boutigny sur Essonne, France  
Tel: 33.1.6990.7233  
Fax: 33.1.6990.7233

### European Union Representative

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