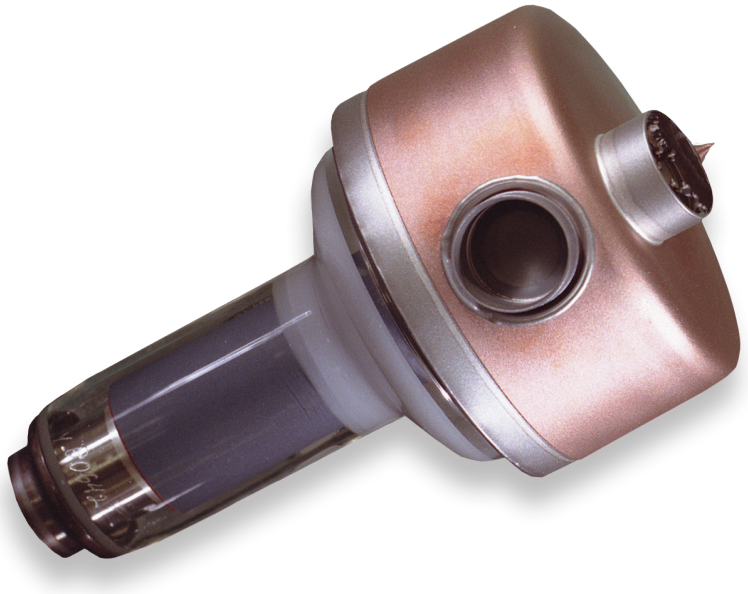
M-113T

Rotating Anode X-Ray Tube
旋转阳极 X 射线管



Note: Document originally drafted in the English language.
注释：文件最初用英语起草。

Product Description

The M-113T is a 3.0″ (77 mm) 49 kV, 222 kJ (300 kHU) maximum anode heat content, rotating anode insert. This insert is specifically designed for use in Mammography systems. The insert features a 10° and 16° biangular molybdenum alloy target and is available with the following nominal focal spots:

0.1 (10°) - 0.3 (16°)
IEC 60336

Loading Factor for slit focal:
Small - 25 kV, 30 mA
Large - 25 kV, 100 mA

Nominal Anode Input Power
Small - 2.5 kW IEC 60613
Large - 9.9 kW IEC 60613
For the equivalent anode input power of 60 Watts

产品说明

M-113T 是一款具有 3.0″ (77 mm) 靶盘，49 kV, 222 kJ (300 kHU)最大阳极热容量的旋转阳极X线管芯。此管芯经专门设计，适用于乳腺放射成像系统。该管芯的靶盘结构为10°和16°靶角，铼钨钼合金靶材，并可与下列标称焦点一起使用：

0.1 (10°) - 0.3 (16°)
IEC 60336

狭缝焦点测试条件：
小焦点 - 25 kV, 30 mA
大焦点 - 25 kV, 100 mA

标称阳极输入功率：
小焦点 - 2.5 kW IEC 60613
大焦点 - 9.9 kW IEC 60613
适用于60瓦的等效阳极输入功率

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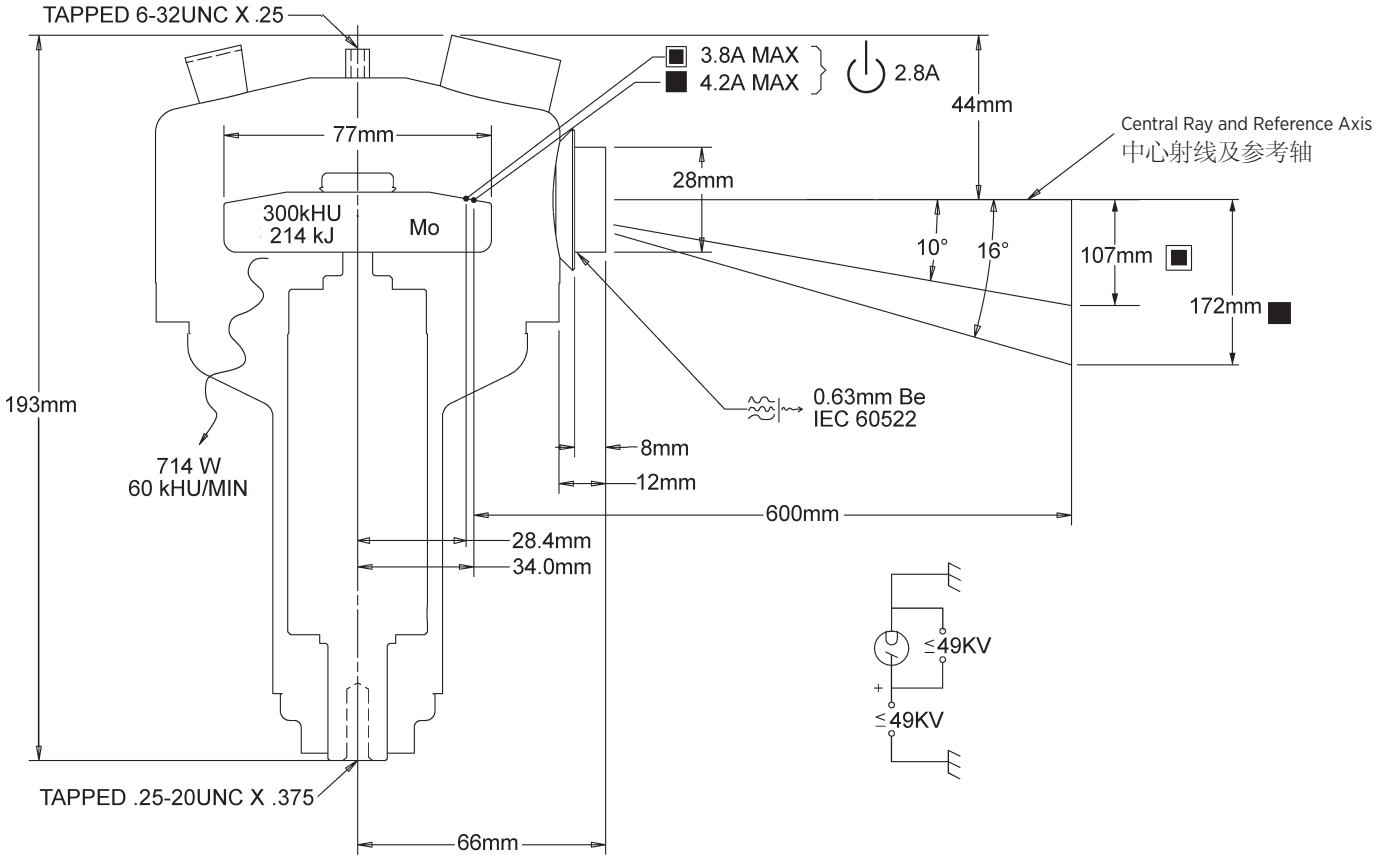
Tube Outline Drawing
射线管轮廓图

Dimensions are for Reference only
维度是供仅参考



Small -White
小焦点 – 白

Large - Black
大焦点 – 黑

Stand - By
备用

Frame or Chasis
框架或底盘

X-Ray Tube
X 射线管

Radiation Filter or Filtration
辐射过滤器或过滤

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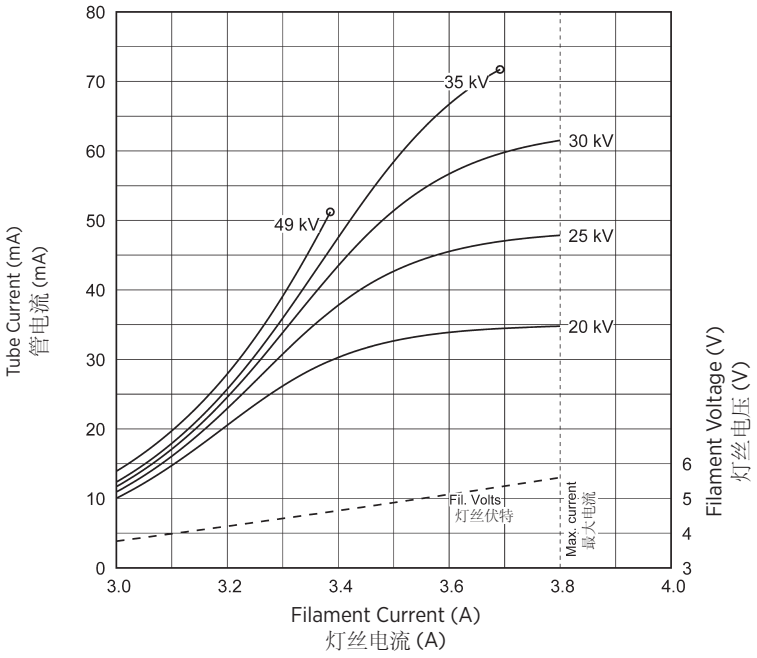
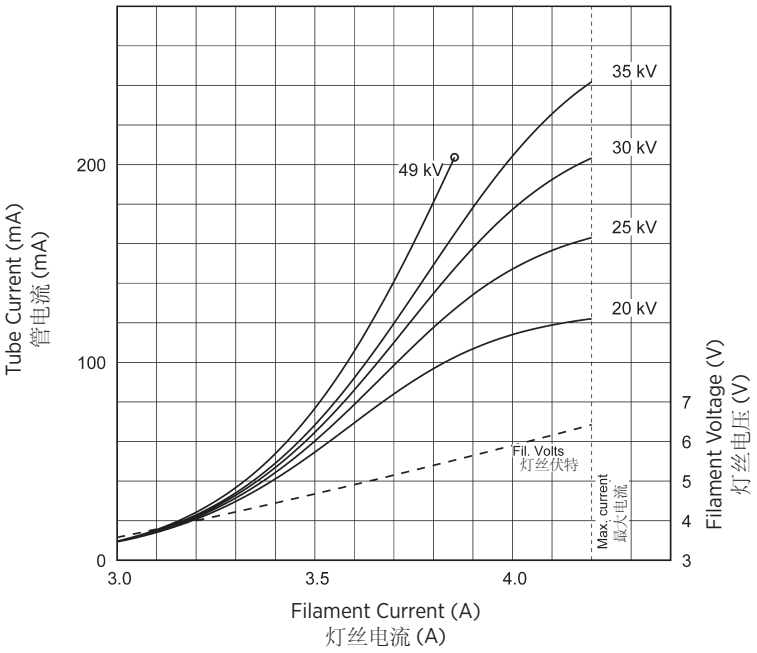
3 Ø 全波



THREE PHASE EMISSION (± .15 A)
三相发射 (± .15 A)
0.1



THREE PHASE EMISSION (± .15 A)
三相发射 (± .15 A)
0.3

Note:
When using these emission curves for trial exposures, refer to the power rating curves shown for maximum kV, tube emission, filament current, exposure time, and target speed.

注释：
当为试验曝光使用这些辐射曲线时，请同时参考额定功率曲线中与最大管电压、管电流、灯丝电流、曝光时间和阳极靶转速相关的限制条件。

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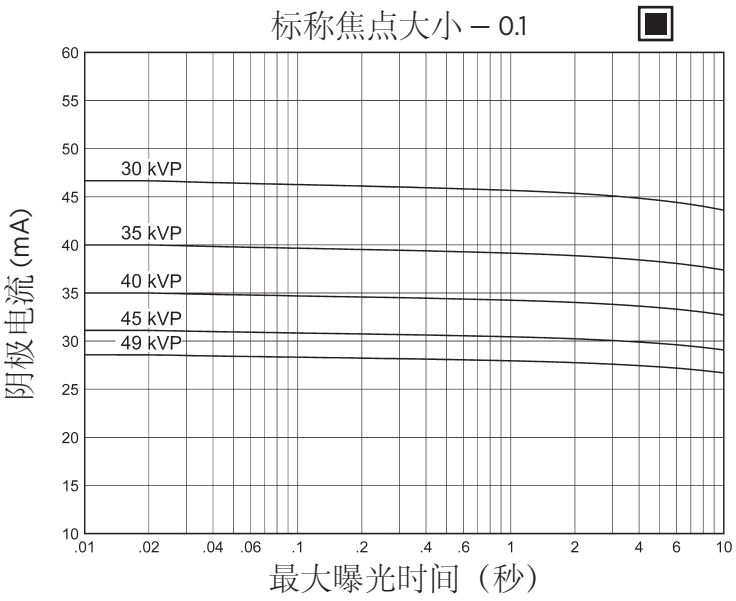
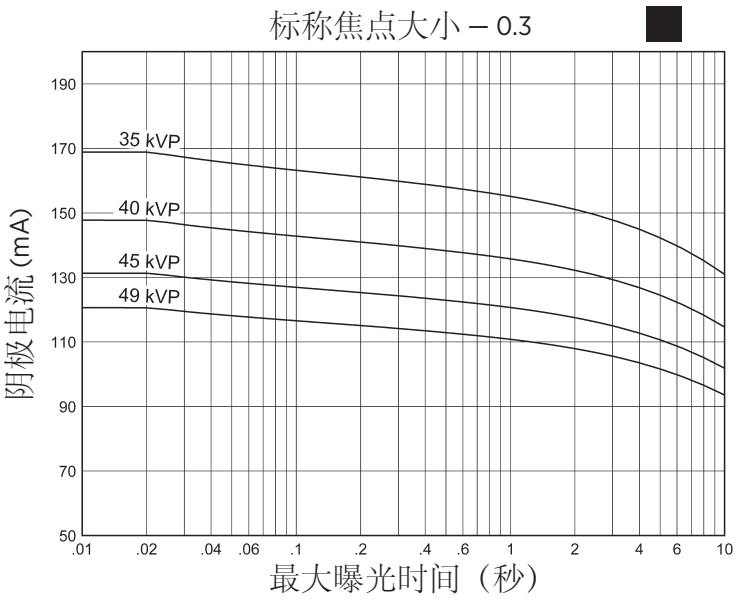
Single Load Ratings IEC 60613
单次曝光额定负载 IEC 60613

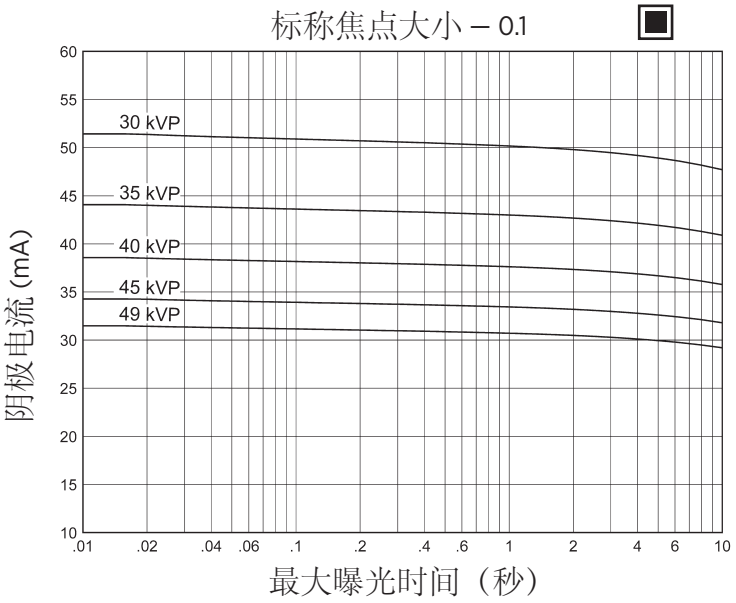
3 Ø 恒定电压 ⎓

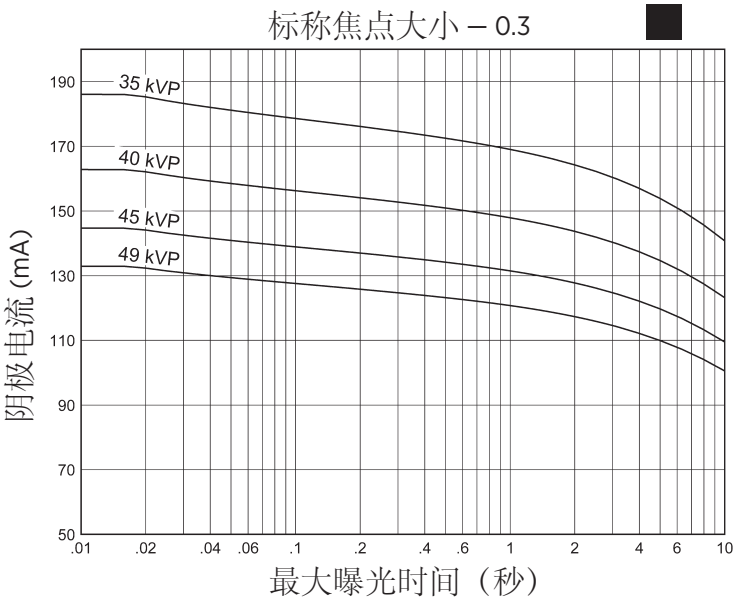
50 Hz





60 Hz





Nominal anode input power for the anode heat content 40%. IEC 60613

注释
额定值表反映最大管性能。管的工作状况最终受系统软件的限制。

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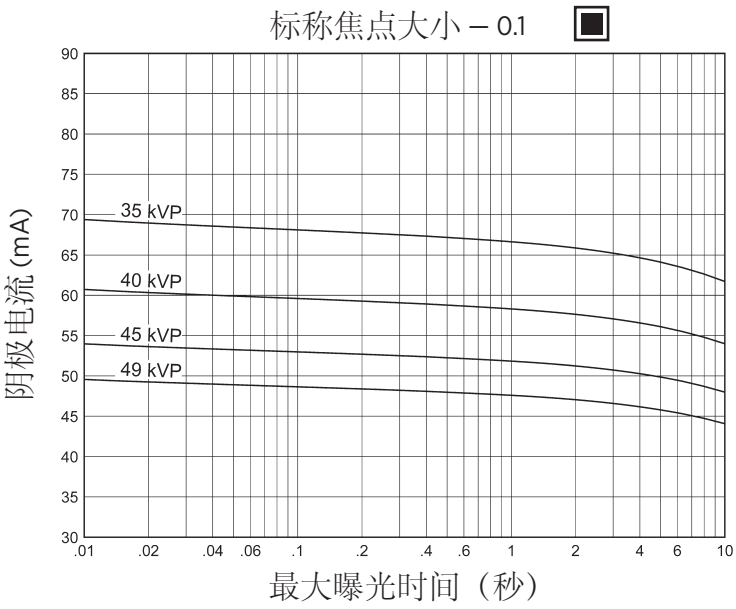
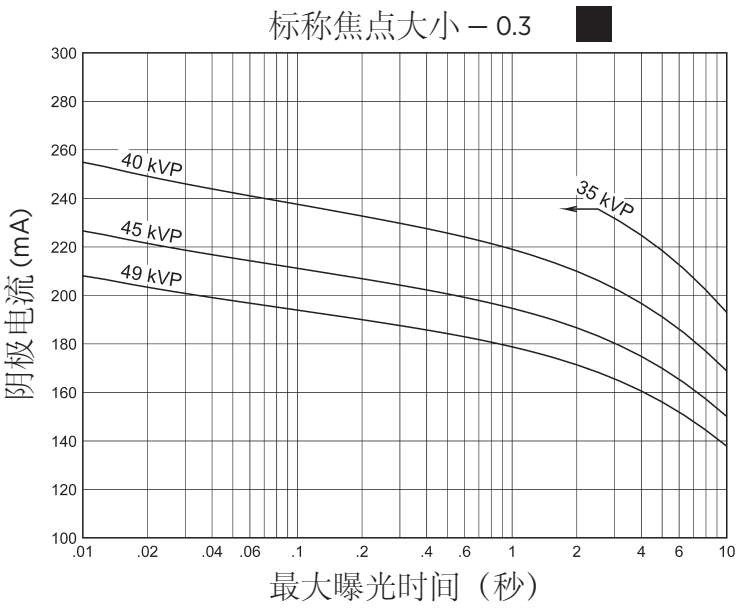
Single Load Ratings IEC 60613
单次曝光额定负载 IEC 60613

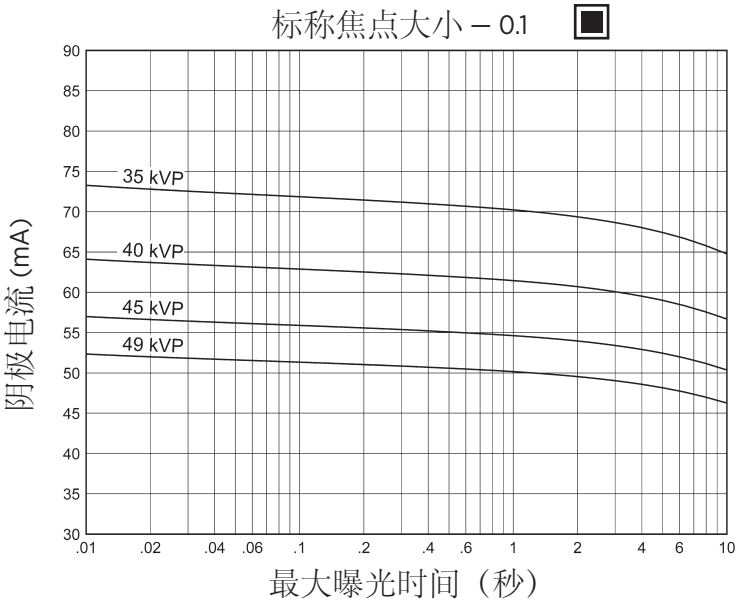
3 Ø 恒定电压 ⎓

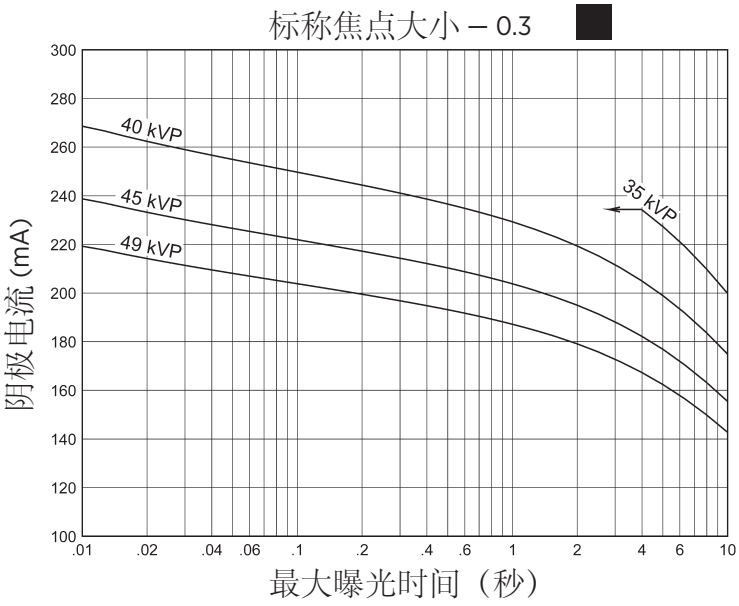
150 Hz





180 Hz





Nominal anode input power for the anode heat content 40%. IEC 60613

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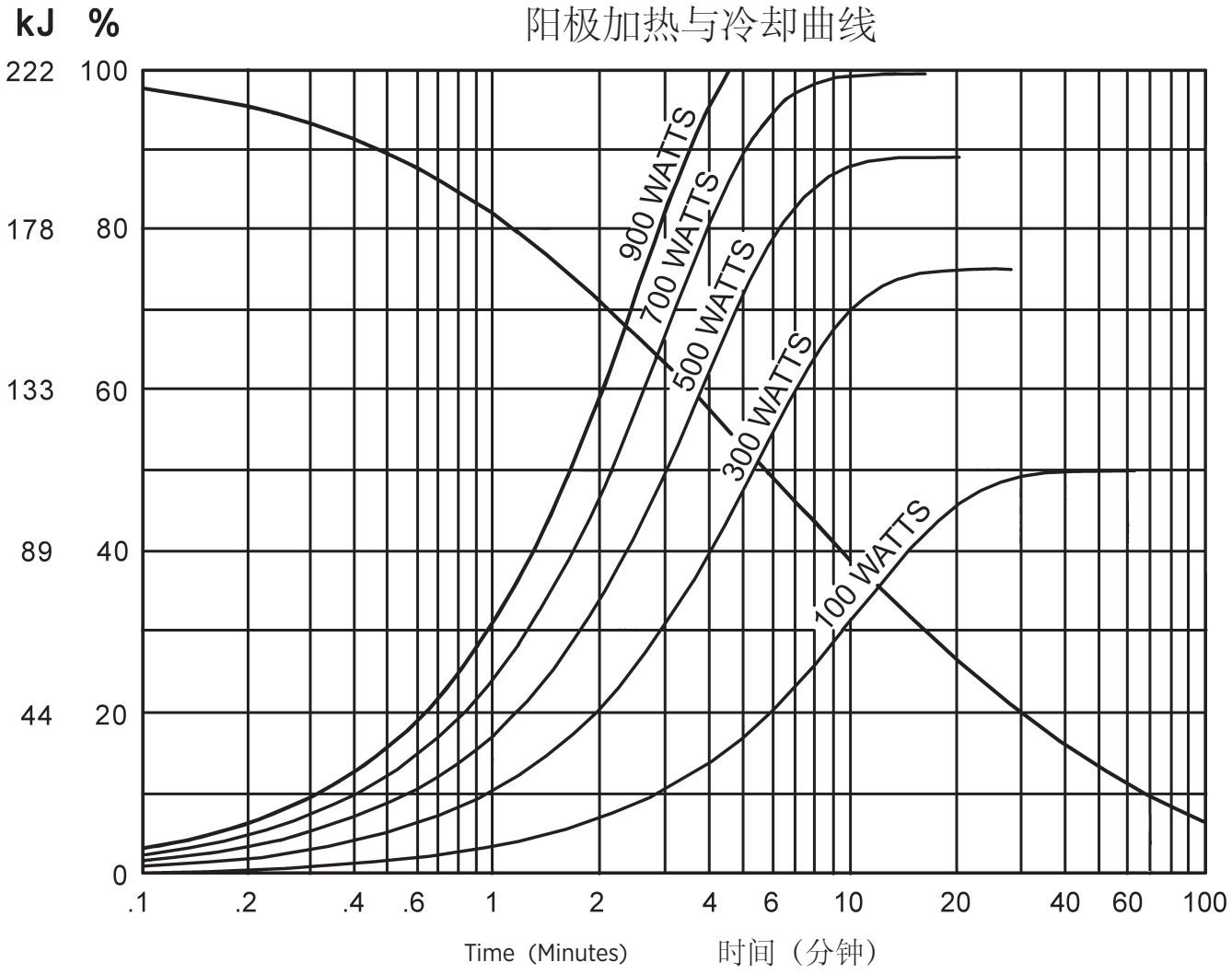
Anode Heating and Cooling Curves
阳极加热与冷却曲线



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