



Dunlee DR 1800

New series of OEM X-ray tube assemblies

Product Highlights:

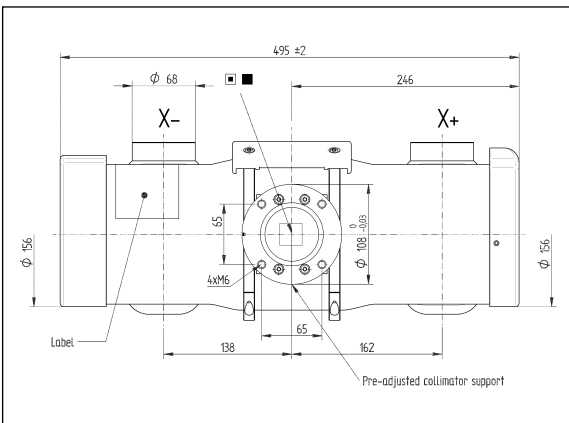
The new Dunlee DR 1800 series rotating anode X-ray tubes have been built on an 80 year history of reliability and product innovation. This new tube assembly has been designed and manufactured to provide the tube characteristics needed for basic Radiographic and R/F applications. Utilization of new technology allows Dunlee to offer competitive tubes that adapt to a variety of tube stands and will reduce installation cost and time.

The tube assembly is always delivered with a pre-aligned adjustment ring in order to match the Format A and Format M collimators. This combination of components needs no further adjustment for the collimator. This Pre-Loc design is a real "Plug & X-ray" solution which reduces the final light – X-ray adjustment time to 2 minutes and saves installation time in your factory or in the field.

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The trunnion ring design allows easy installation and tube replacement on the system.



Technical Data

Main Characteristics

Nominal Tube Voltage		150 kVp
Nominal Input Power	DR 1817	17/50
	DR 1825	25/50
	DR 1833	30/85
Focal Spots	DR 1817, DR 1833	0.6/1.2
	DR 1825	0.6/1.0
Max. Anode Cooling Rate		1.3 kW
Anode Heat Storage		220 kJ (300 kHU)
Target Diameter		90 mm (3.5 in)
Target Angle	DR 1817, DR 1833	13.0°
	DR 1825	15.0°
Anode Material		W, Re
Housing Heat Storage Capacity		1260 kJ (1700 kHU)
Minimum Total filtration		1.5 mm Al
Anode Speed (60 Hz)	DR 1817	3000
	DR 1825, DR 1833	3000/9000
Stator Resistance		19/22 Ω
Temperate Range for Operating		-10° C ... +80° C (14° F ... 176° F)
Temperate Range for Transportation and Storage		-25° C ... +70° C (13° F... 158° F)
Weight		23 kg (51 lbs)
Standards and Agencies		IEC 60601-1, IEC 60601-1-3, IEC 60601-2-28, IEC 606336, UL (CSA)/CE, US FDA 21 CRF

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