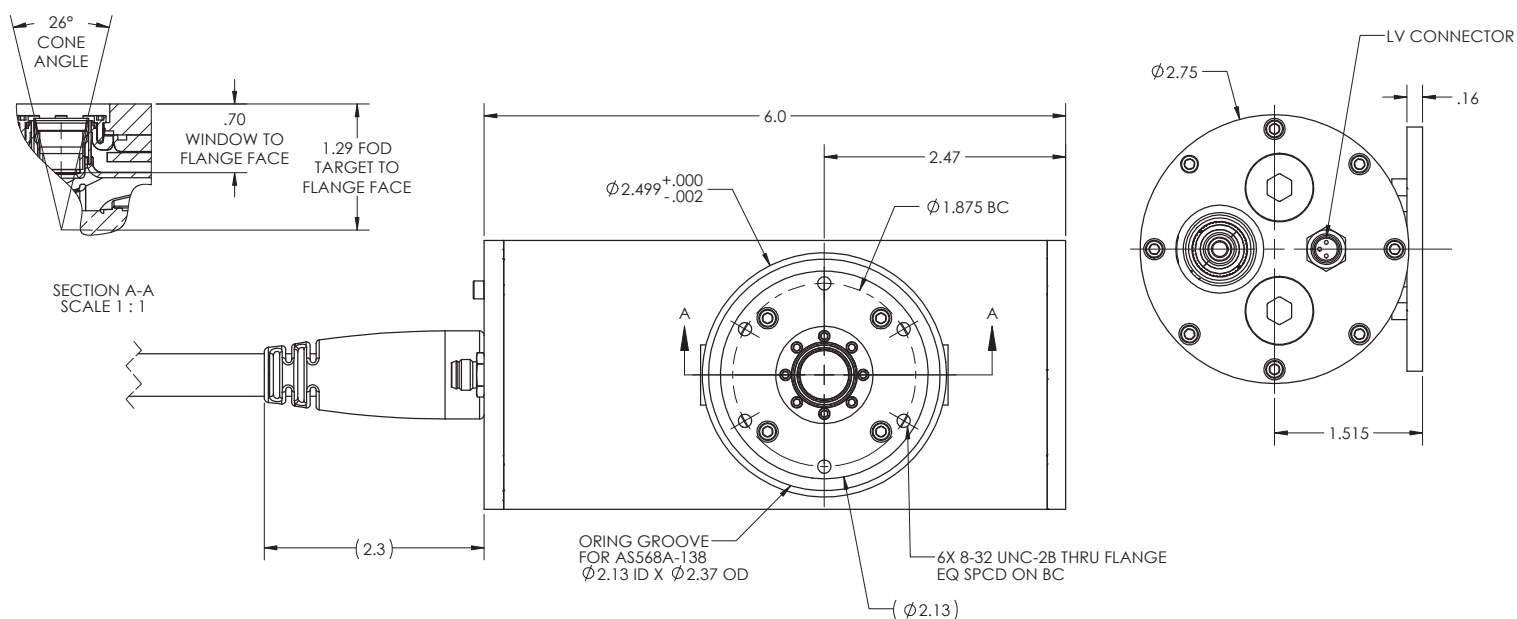


Ideally suited for end users wanting a plug and play solution. Our packaged tubes are fully radiation shielded, high voltage isolated and include a high voltage cable and a low voltage cable. Our packaging has been designed to provide maximum thermal properties enabling continuous operation, without compromise.



## SPECIFICATIONS

Polarity	Grounded Cathode
Flange Type	(6) 8-32 thread
High Voltage Range	4-60 kV <sup>1</sup>
Anode current	1 mA (3 mA maximum) <sup>1</sup>
Continuous rating	50 W (higher on request) <sup>1,2</sup>
Focal spot	33-50 $\mu\text{m}$
Filament current, max.	1.7 A
Filament voltage, (nominal)	2.5 V
Inherent filtration	0.0050 inch Be
Target materials	Mo, W, Rh, Cr, Ag, Cu, Co
Target Angle	12°
Radiation coverage	22°
Radiation leakage	<2 $\mu\text{Sv/hr}$ @50 mm (60 kv, 1 mA)

<sup>1</sup> Interrelationship between voltage, current and power will affect specs

<sup>2</sup> Up to 150 W with external cooling module

## GENERAL

The control of the high voltage and the filament current as well as the design of the cooling system and the radiation protection are the responsibility of the original equipment manufacturer (OEM). Careful selection of power supply should assure that the X-Ray tube will be protected against overcurrent, overvoltage and lack of cooling. Otherwise the tube and/or the radiation protection may be damaged and become a hazard.

## RADIATION PROTECTION

When installing the X-ray tube assembly into X-ray equipment and/or operating X-ray equipment, the responsibility for radiation protection from the X-ray window is with the user. Compliance with local regulatory requirements and limit values must be assured.