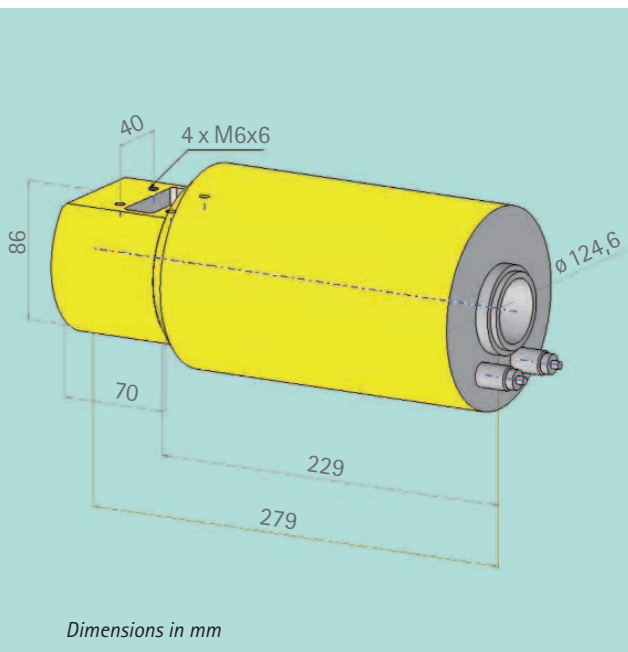


Y.TU 225-F02

End grounded metal-ceramic X-ray tube



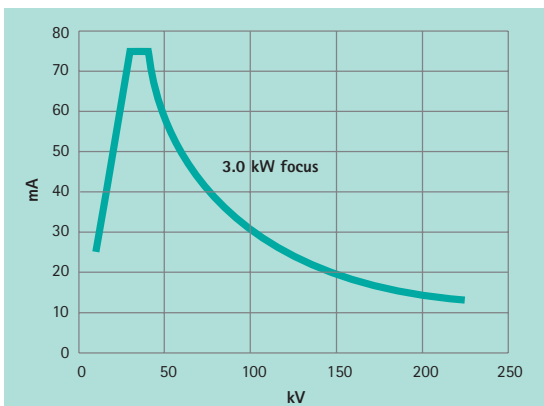
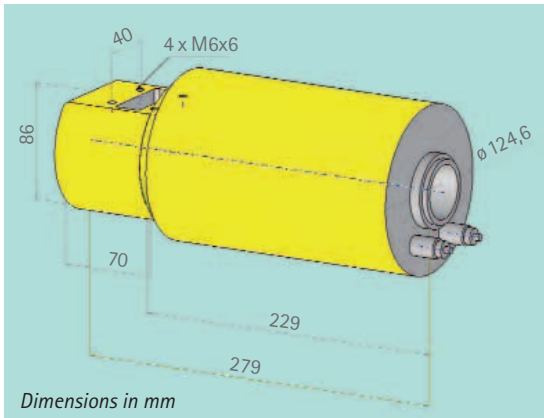
YXLON end grounded metal-ceramic X-ray tube with a 90° fan beam is especially suited for inspection tasks, which need of a wide X-ray beam. In combination with YXLON's Y.LinScan detector arrays the Y.TU 225-F02 is an ideal X-ray tube for conveyor belt applications.

The beam window of the Y.TU 225-F02 consists of Beryllium, a material with a very low X-ray absorption. Therefore the X-ray output of the Y.TU 225-F02 is optimal for the full high voltage range.

Providing a high level of mechanical and electrical strength YXLON X-ray tubes are both compact and lightweight. Together with YXLON generators, power supplies and control units the X-ray tubes form powerful systems setting the standards in efficiency, reliability and lifecycle.

YXLON. The reason why.

- 90° fan beam
- long lifecycle
- high reliability
- extensive service



Loading data: Shown are the max. permissible anode currents. Within the X-ray system these anode currents may be limited by power suppliers or generators.

Max. tube voltage	225 kV
Focal spot size (acc. EN12543)	5.5 mm
Max. power	3,000 W
Max. tube current at 160 kV	13 mA
Emergent beam angle	90° x 30°
Inherent filtration	1.0 mm Be
Leakage radiation¹	< 10 mSv/h
Coolant	Water
Max. inlet temperature	45 °C
Min. flow rate	4 l/min
Environmental conditions	
Operation temperature	-10 °C...+40 °C
Storage temperature	-25 °C...+70 °C
Relative humidity	
- Operation	90%
- Storage	95%
Weight	11 kg
H.V. connection	R12
Order no.	9421 172 32303

¹ Measured at 1.0 m distance from the focal spot with X-ray port closed and X-ray tube operating at full load.