

X-Ray Tube DU 0306

The DU 0306 dual focus, low speed rotating anode tube is manufactured in one of the most advanced production centers of the world under stringent clean room conditions in accordance with the latest technical standards.

The tube is especially designed for use in monoblocks. Its comparably small but powerful design allows usage for various X-ray applications ranging from surgery or mobile to R/F.

Main characteristics:

Rotating anode X-ray tube



FOCAL SPOTS	Nominal values (acc. IEC 60336)	0,3	0,6	acc. IEC
	Superimposition	±0.5	±0.5	mm
	Focal track diameter	55	55	mm
VOLTAGE	Nominal X-ray tube voltage	120		kV
LOADING	Nominal anode input power 2600 r.p.m. (50 Hz) 3100 r.p.m. (60 Hz) -based on 80 W equiv. anode input power	7 7.5	23 25	kW kW
	Maximum anode heat content	222 / 300		kJ / kHU
	Maximum anode cooling rate	900 24300		W HU / min
	Maximum anode heat dissipation in continuous mode (-restricted by housing)	300 72900		W HU / min
FILAMENT SUPPLY	Maximum filament current for adaptation to generators	4.1 4.4	5.0 6.1	A V
	Maximum filament current (-short time)	4.3	5.25	A
FILTRATION	Inherent filtration (HVL, equivalent)	≥ 0,75		mm Al
TARGET	Anode angle	10		°
	Maximum X-ray field in 1 m distance	32 x 32		cm
	Material	Tungsten with 5% Re		
ANODE	Disk : -composition - diameter	RT – TZM 80		mm
	Rotation speeds 50 / 60 Hz	2600 / 3100		r.p.m.
WEIGHT		approx. 1.8		kg

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