



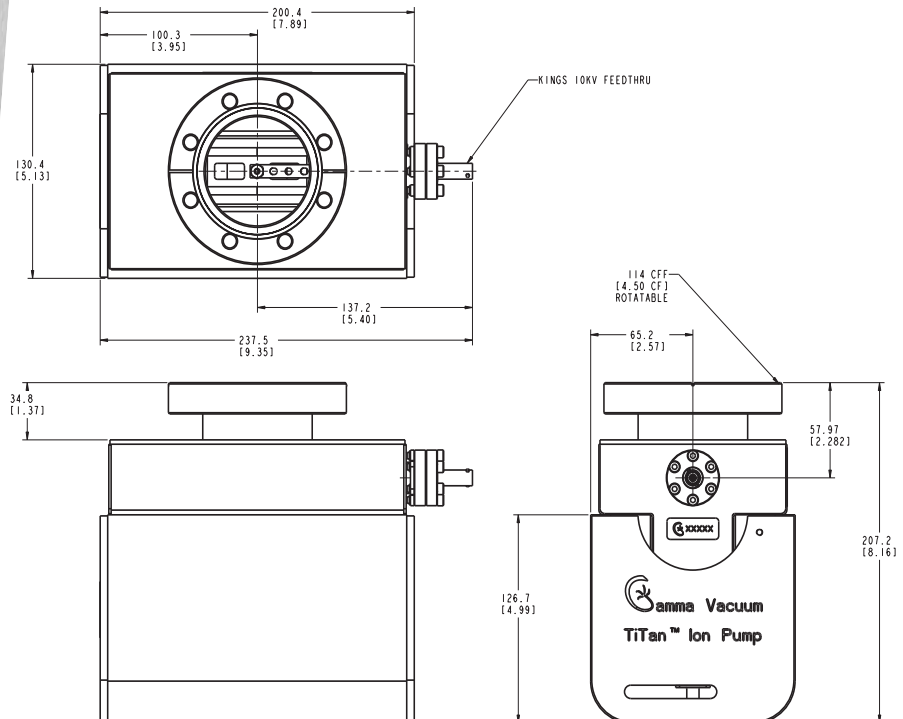
# TiTan™ 45S Ion Pump



## TECHNICAL SPECIFICATIONS

Element Type	CV/CVX	DI/DIX	TR
Pumping Speed (l/s, Nitrogen)	40	35	35
Starting Pressure (mbar)	$\leq 1 \times 10^{-3}$	$\leq 1 \times 10^{-3}$	$\leq 5 \times 10^{-2}$
Lifetime (hours @ $10^{-6}$ mbar)	50,000	50,000	80,000
Ultimate Pressure (mbar)	$< 1 \times 10^{-11}$		
Maximum Baking Temperature (°C)	250 / 450 (without magnets)		
Inlet Flange	DN 63 (4.75 in.) CFR		
Weight, kg (lbs)	16 (34)		

## DIMENSIONAL DETAILS\*



\*Single inlet flange shown. Alternative configurations available at [www.gammavacuum.com](http://www.gammavacuum.com)