



## Edwards STP-iXA2206C

### Technical Specifications

Inlet flange size	ISO250F/VG250/ICF305	
Backing port size	KF40	
Pump speed N <sub>2</sub> /Ar	2200/1900	Litres/second
Compression ratio N <sub>2</sub> /H <sub>2</sub>	>10 <sup>8</sup> / 1 x 10 <sup>4</sup>	
Ultimate pressure	10 <sup>-7</sup> (10 <sup>-9</sup> )	Pa (Torr)
Allowable backing pressure	266 (2)	Pa (Torr)
Max gas flow N <sub>2</sub> * <sup>1</sup> (water cooled only)	3000 (5.07)	sccm (Pa m <sup>3</sup> /sec)
Max gas flow Ar * <sup>1</sup> (water cooled only)	1400 (2.36)	sccm (Pa m <sup>3</sup> /sec)
Rated speed	27000	rpm
Run-up time to 90% rated speed	<8	minutes
Mounting position	Any orientation	
Input voltage	200-240	V
Maximum input power (without TMS)	1200	VA
Weight	62	kg

\*<sup>1</sup>: The maximum gas flow is applicable under conditions that N<sub>2</sub> or Ar gas is pumped continuously with water cooling temperature between 15-25° C and the backing pump (10,000 l/min size) is used. It is changed on condition.



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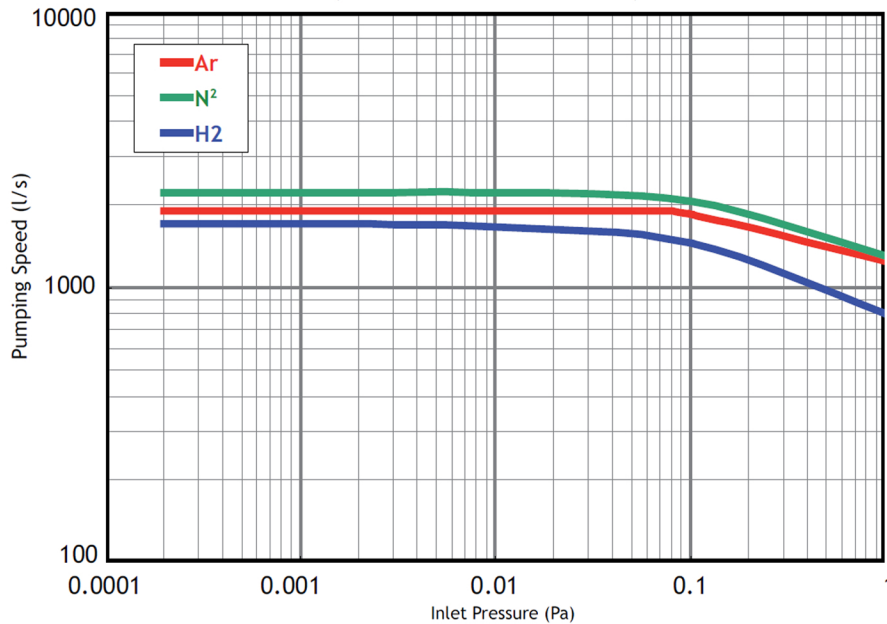
## SALES

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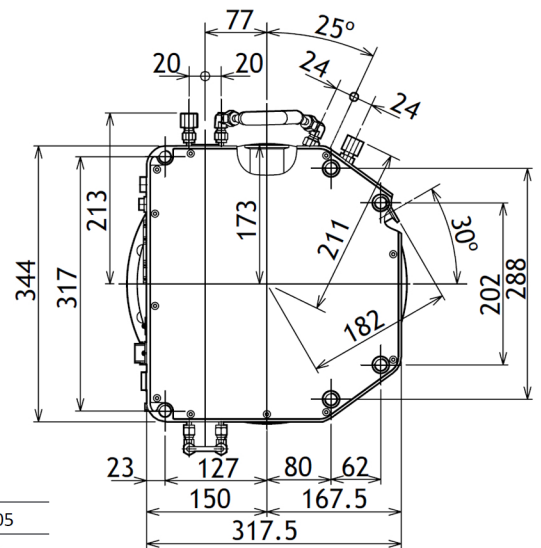
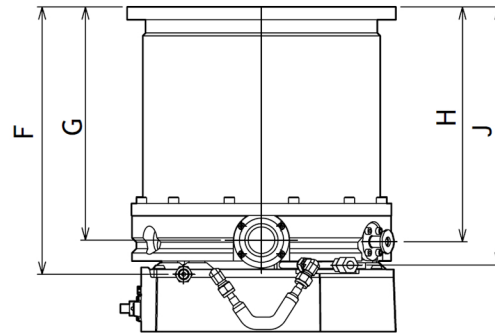
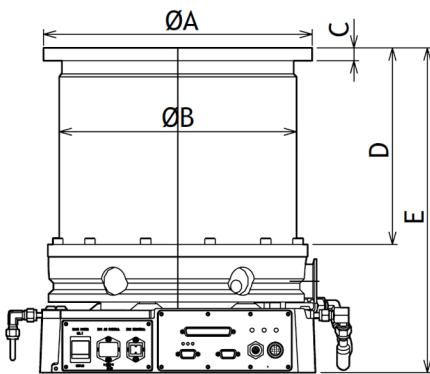
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# Edwards STP-iXA2206C Pumping Curves



## Dimensions



Inlet port flange	VG250	ISO250F	ICF305
ØA	350	335	305
ØB	296	296	296
C	18	16	28
D	235	245	275
E	395	405	435
F	312	322	352
G	281	291	321
H	283	293	323
J	322	332	322



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## Edwards STP-iXA2206C

### Features & Benefits

- compact design, including fully integrated controller
- innovative, self-sensing magnetic bearing system
- digital 5-axis control
- vibration levels reduced by 50% compared to existing turbos
- can be configured to run corrosive processes
- easy installation, small footprint
- no oil prevents contamination

### Applications

- plasma etch • ECR etch • film deposition • sputtering • beam line pumping & station • ion implantation source

