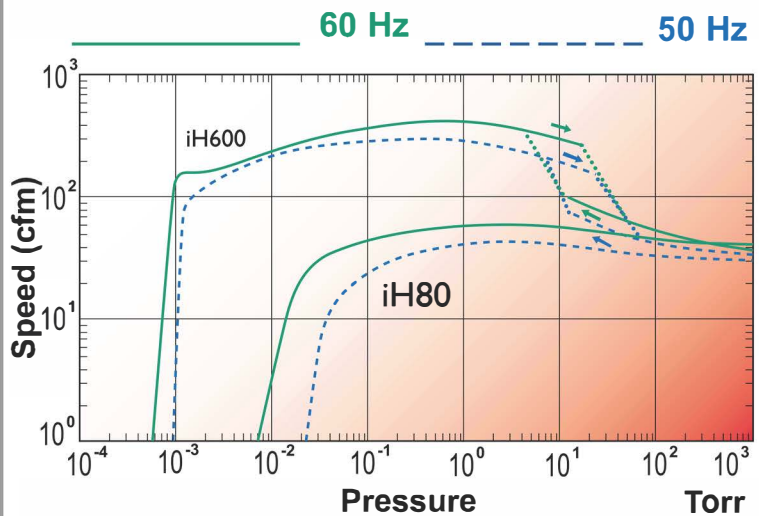
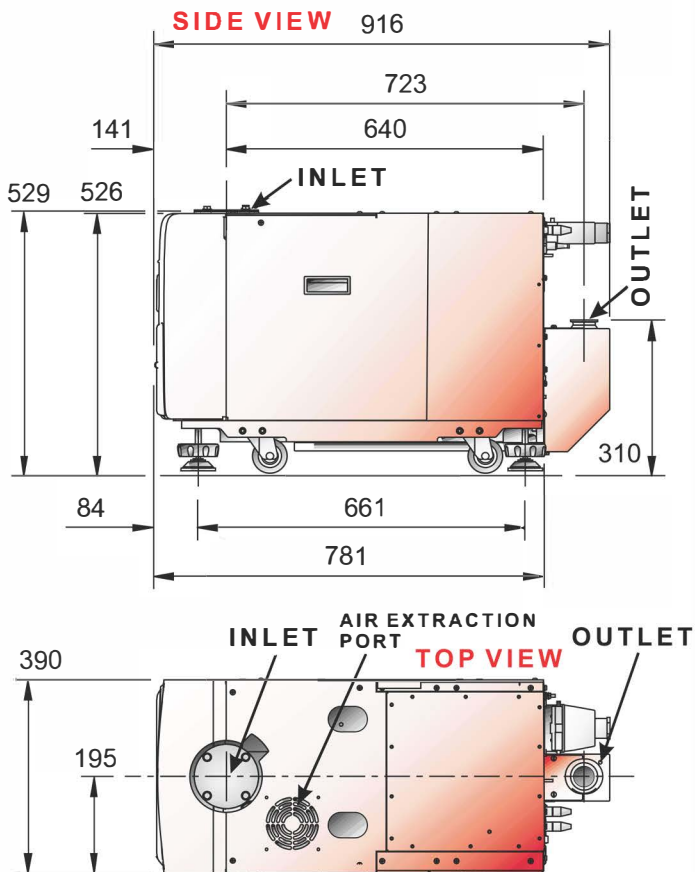




**iH 80**  
Semiconductor  
Dry Vacuum Pump

**SPECIFICATIONS**

		60 Hz	50 Hz
<b>Peak Speed</b>	<b>cfm</b>	61	51
	$M^3h^{-1}$	103	86
	$1\ min^{-1}$	1717	1433
<b>Ultimate Vacuum (with shaft seal purge)</b>	<b>torr</b>	$7.5 \times 10^{-3}$	$2.3 \times 10^{-2}$
	mbar	$1 \times 10^{-2}$	$3 \times 10^{-2}$
	Pa	1	3
<b>Typical Shaft Seal nitrogen flow</b>	<b>slm</b>	4	4
<b>Inlet Connection</b>		ISO63	
<b>Outlet Connection</b>		NW40	
<b>Typical cooling water flow at 15psi drop</b>	$1\ h^{-1}$	120	
	$1\ min^{-1}$	2	
<b>Weight</b>	<b>kg/lbs.</b>	240/528	
<b>Power input</b>	<b>kW</b>	2.7	2.4
<b>Rated motor</b>	<b>kW</b>	3.5	2.9
<b>Oil Capacity</b>	<b>liter</b>	0.85	



**iH80 Pumping Speed Curve**