

# iXL120 Dry Pump System



iXL120 is a compact, low energy,  $110 \text{ m}^3 \text{ h}^{-1}$  dry pump for wafer handling and other clean duty applications. It provides fast pump down of load lock chambers with extremely low energy consumption.

iXL120 is one of the smallest and lightest pumps available for load lock and clean applications. Its low vibration and low noise levels make it ideal for mounting on-tool or within a fab's waffle floor, helping to save valuable fab floor space. A Green Mode allows reduced utilities usage during idle periods, lowering utility costs and helping to save the environment!

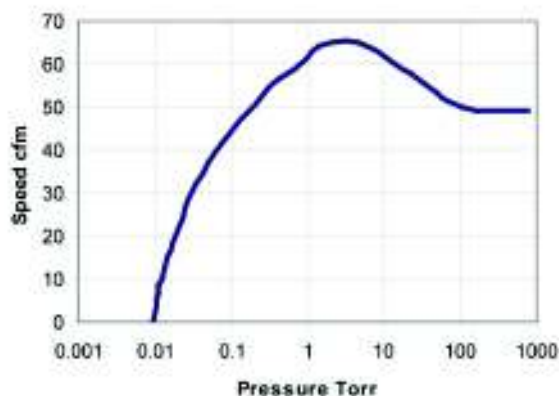
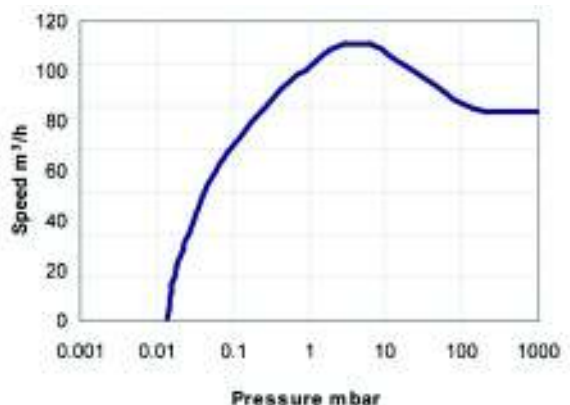
## Features & Benefits

- Class leading chamber pump down time reduces Total Average Cycle Time (TACT)
- Only 0.55kW power consumption helps minimise customer cost of ownership
- Green Mode can reduce power consumption by up to 92% during idle periods
- Up to  $35^\circ \text{C}$  water supply helps reduce facility cooling water requirements
- Extremely small and light, helping to save valuable fab space

## Dimensions



## Performance Curves



## Ordering Information

Product Description	Order No.
iXL120 E 200-460V 3/8 QC Water Fittings	A54113010
iXL120 E 200-460V 1/4 QC Water Fittings	A54113020
iXL120 E 200-460V HIT 3/8 QC Water Fittings	A54113610
iXL120 E 200-460V MCM 3/8 QC Water Fittings	A54113710
iXL120N E 200-460V 3/8 QC Water Fittings	A54114010
iXL120N E 200-460V 1/4 QC Water Fittings	A54114020
iXL120N E 200-460V SPI TIM 3/8 QC Water Fittings	A54114210
iXL120N E 200-460V TEL 3/8 QC Water Fittings	A54114410
iXL120N E 200-460V 3/8 QC Water Fittings Flow Cont Valve	A54114011
iXL120N E 200-460V TEL 3/8 QC Water Fittings Flow Cont Valve	A54114411
iXL120 E 200-460V 3/8 QC Water Fittings Flow Cont Valve	A54113011
iXL120 E 200-460V SPI 1/4 QC Water Fittings Flow Cont Valve	A54113221
iXL120 E 200-460V HIT 3/8 QC Water Fittings Flow Cont Valve	A54113611
iXL120 E 200-460V MCM 3/8 QC Water Fittings Flow Cont Valve	A54113711

## Technical Data

Product	iXL120
Peak speed	110 m <sup>3</sup> h <sup>-1</sup> /65 cfm /1833 lmin <sup>-1</sup>
Ultimate pressure (typical)	0.013 mbar /0.009 Torr /1.3 Pa
Power at ultimate	0.55 kW
Power in Green Mode	0.045 kW
Inlet connection	
Vertical	ISO63
Horizontal	NW50
Outlet connection	NW25
Cooling water connection	Optional
Water flow	1 lmin <sup>-1</sup>
Weight	59 kg