

nXLi DRY PUMPS

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Based on the highly successful iXL product range, Edwards is delighted to introduce the new air cooled nXLi dry pump range. The nXL110i and nXL200i are optimised for LCMS and ICPMS duties capable of handling gas loads of up to 25 slm.



Features and benefits

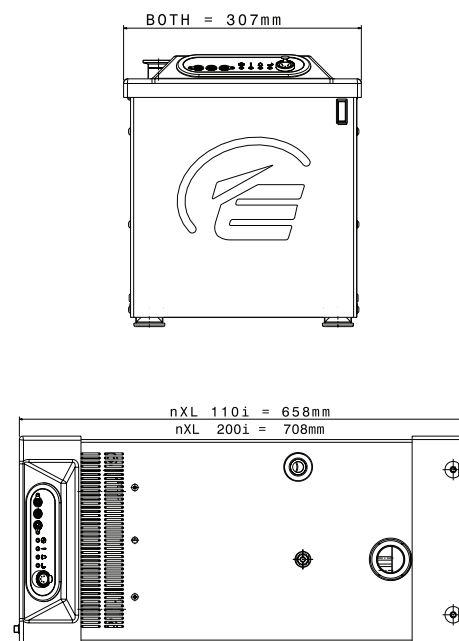
- Single phase, air cooled and quiet
- 110 m³h⁻¹ and 200 m³h⁻¹ models optimised for LCMS and ICPMS inlet duty
- nXLi can also be used on chambers up to 100 litres, at continuous inlet pressures up to 15 mbar with occasional pump down
- Flexibility of control – manual, remote contact closure and RS485 serial communication
- An enhanced EMC variant for high-voltage operation 200 - 230 V (+/-10%) 50/60 Hz meeting the European harmonic emission requirements of EN61000-3-2
- Based on field proven iXL range for peace of mind
- Compact footprint
- Maintenance free for extended operation
- Built-in exhaust valve for anti-suck-back protection

Technical Data

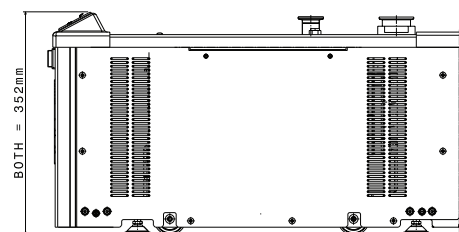
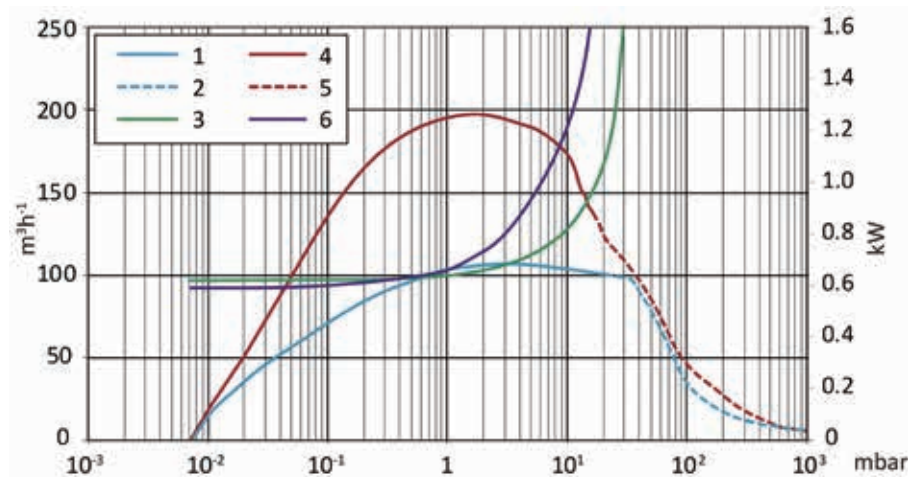
	Units	nXL110i	nXL200i
Pumping Speed (Pneurop 6602)	m ³ h ⁻¹	110	200
Ultimate Vacuum (Total Pressure)	mbar	<2 x 10 ⁻²	
Displacement (50/60Hz)	m ³ h ⁻¹	131	283
Inlet Flange*		NW40	
Outlet Flange*		NW25	
Maximum Permitted Outlet Pressure	bar gauge/ psig	0.5 / 7.0	
Operating Temperature Range	°C	10 - 40	
Nominal Rotational Speed	rpm	9000	
Power Connector 1-ph		IEC EN60320 C19	
Power at Ultimate	kW	0.65	
Power at Typical Application Condition (2 - 10 mbar)	kW	0.7 - 0.9	
Flow at Typical Application Condition	slm	3-15	6-22
Max Power During Ramp Up	kW	1.1	
Leak Tightness	mbar ls ⁻¹	1.0 x 10 ⁻⁵	
Weight	kg	75	81
Noise (Pressure)	dB(A)	56.7	
Vibration at Inlet Flange	mms ⁻¹ (rms)	<2.5	

*Alternative connections available upon request

Dimensions – mm



Performance Graph



- 1. nXL110i
- 2. nXL110i in transient overload protection
- 3. nXL110i supply power (kW)
- 4. nXL200i
- 5. nXL200i in transient overload protection
- 6. nXL200i supply power (kW)

GLOBAL CONTACTS

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