

# nXLi AIR COOLED SINGLE PHASE DRY PUMP

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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

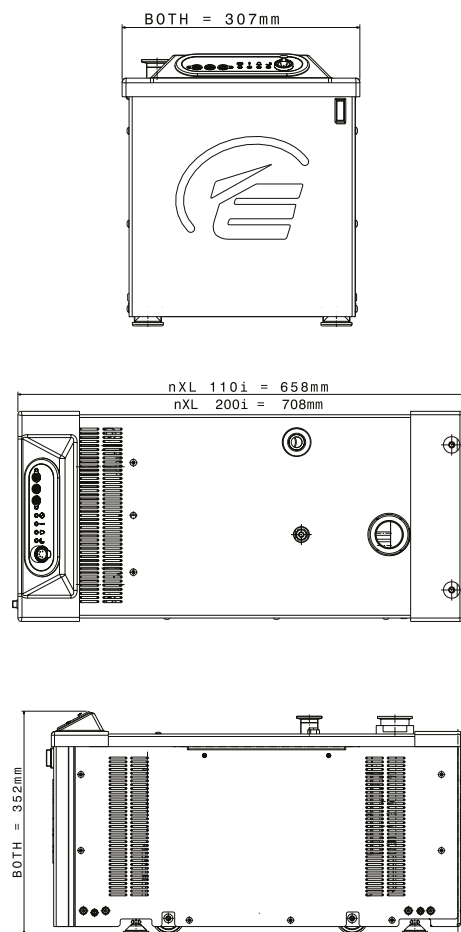
- Single phase, air cooled and quiet
- 110 m<sup>3</sup>h<sup>-1</sup> and 200 m<sup>3</sup>h<sup>-1</sup> models optimised for LCMS and ICPMS inlet duty
- nXLi can also be used on chambers up to 100 litres, at continuous inlet pressures up to 15 mbar with occasional pump down
- Flexibility of control – manual, remote contact closure and RS485 serial communication
- 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

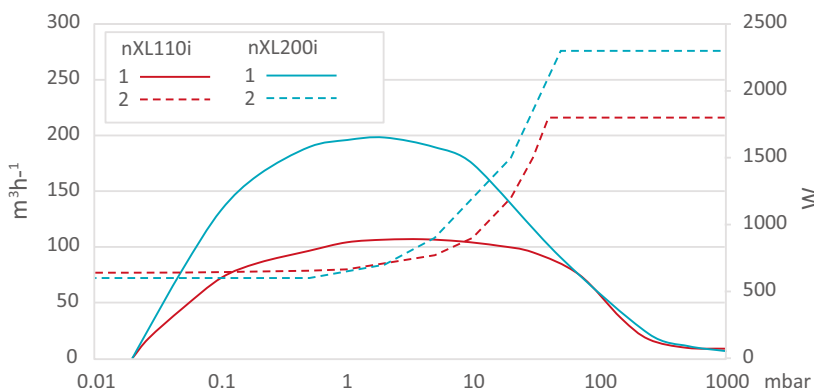
	Units	nXL110i	nXL200i
Pumping speed (pneurop 6602)	m <sup>3</sup> h <sup>-1</sup>	110	200
Ultimate vacuum (total pressure)	mbar	<2 x 10 <sup>-2</sup>	
Inlet flange		NW40	
Outlet flange		NW40 / NW50	
Maximum permitted outlet pressure	bar gauge/psig	0.5 / 7.0	
Operating temperature range	°C	10 - 40	
Nominal rotational speed	rpm	9000	
Power connector 1-ph		IEC EN60320 C19	
Mains voltage	V	200 - 240 (+/- 10%)	
Power at typical application condition (2 - 10 mbar)	kW	0.7 - 0.9	
Flow at typical application condition	slm	3 - 15	6 - 22
Leak tightness	mbar ls <sup>-1</sup>	1.0 x 10 <sup>-5</sup>	
Weight	kg	75	81
Noise (pressure)	dB(A)	56.7	
Vibration at inlet flange	mms <sup>-1</sup> (rms)	<2.5	

\*Alternative connections available upon request

### DIMENSIONS – MM



### PERFORMANCE GRAPH



	nXL110i	nXL200i
Pumping Speed	— (solid red)	— (solid blue)
Power	- - - (dashed red)	- - - (dashed blue)

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Registered office: Innovation Drive, Burgess Hill, West Sussex, RH15 9TW, UK.

