PRODUCT DATA SHEET



nEDC300 NEXT-GENERATION DRY CLAW VACUUM PUMP

edwardsvacuum.com

Harsh industrial applications require a pump that can withstand rough operational conditions. The nEDC300 - Edwards latest generation dry claw vacuum pump ensures reliable operations, easy maintenance, and a low cost of ownership. Robust, efficient, and built to the exacting standards and quality demanded by our customers, Edwards nEDC300 dry claw vacuum pump provides you with a trouble-free and cost-effective solution to meet your needs.

NEXT-GENERATION FEATURES



Enhanced performance

Modular design ensures efficiency during the operational lifecycle. You are ensured of improved performance for your process due to higher pumping speeds.



Reliable and long-lasting

Lower internal temperatures increase lip seal life and prevents oil leaks.



Lower noise levels

Re-designed and in-house developed silencer significantly reduces noise levels.



Easy to maintain

In addition to Edwards field service, the nEDC claw pump can be easily cleaned on-site and re-started by customers without the need for specialized tools.

APPLICATIONS

- Steam sterilisation
- Plastic extrusion
- Wood working
- Vacuum conveying
- Pick and place
- Water and sewage handling

- Printing and paper converting
- Medical systems
- Dairy industry (Milking and milk transfer)
- Thermoforming
- Waste removal





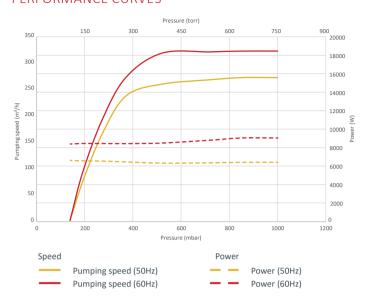


To know more about the complete EDC series range of vacuum pumps, please scan the QR code.

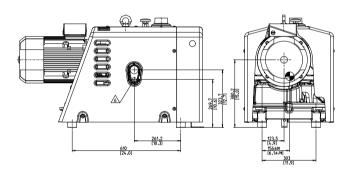
TECHNICAL DATA

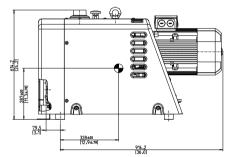
		Unit	nEDC300
Performance	Peak pumping speed (60Hz)	m³h-1/cfm	360 / 208
	Peak pumping speed (50Hz)	m³h-1/cfm	300 / 176
	Ultimate vacuum continuous	mbar / torr	140 / 105
Nominal motor power	@ 60Hz	kW / hp	7.5 / 10.0
	@ 50Hz	kW / hp	6.2 / 8.3
	@ RPM	60Hz / 50Hz	3600 / 3000
Vacuum connections	Inlet/ Outlet connection	Flange	G 2 - G 1 1/4" or NPT
Dimensions	W x H x L (60Hz)	mm	501 x 614 x 1036
	W x H x L (50Hz)	mm	
Operating data	Voltage available	V	200/230/380/ 460/575
	Noise (60Hz / 50Hz)	dB(A)	75 / 72
	Operating temperature	°C / °F	0 to 40 / 32 to104
	Oil capacity (Gear box)	l / gal	1.5 / 0.30

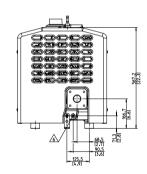
PERFORMANCE CURVES



DIMENSIONS







ORDERING INFORMATION

Part Number	Product Description
A50877120	nEDC300 380V 60Hz 3Ph IEC
A50877220	nEDC300 400V 50Hz 3Ph IEC
A50877620	nEDC300 230/460V 60Hz 3Ph UL/cUL
A50877020	nEDC300 200/230V 50Hz 3Ph IEC

Part Number	Product Description
A50877320	nEDC300 500/575V 50/60Hz 3Ph IEC-UL/cUL
A50877021	nEDC300 Bareshaft 50Hz
A50877022	nEDC300 Bareshaft 60Hz

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