

NASH NDC-0301, 0401, 0501

DRY CLAW VACUUM PUMP

Claw technology is able to operate in a dry and non-contacting manner thanks primarily to incredibly tight machining tolerances. This allows the tips of the claw to operate close enough to the cylinder wall to effectively seal out air without actually coming into contact. Thus, no cylinder lubrication or sealant is required, friction is minimized, energy efficiency is maximized, and required maintenance is minimal.

The energy-efficient design of the NASH NDC offers standard features such as a flanged motor, silencing hood, fine mesh filter, vacuum non-return valve on suction side and vacuum relief valve. These features help the NDC perform as the ultimate vacuum for continuous operation in multiple industries and applications.

NDC		301	401	501
Nominal Capacity	acfm	203	285	353
Ultimate Vacuum	Torr	113	150	150
Nominal Motor Power	hp	7.5	12.0	15.0
Speed	rpm	3550		
Average Noise Level	dB(A)	77	81	81
Weight	lbs	612	930	1118
Oil Capacity	qt	1.5	1.8	1.8

acfm* Relates to pump inlet conditions.

Curves, table contents (tolerance $\pm 10\%$) refer to vacuum pump at normal operating temperature.

The motor dimensions as well as the full load amperage may vary because of different motor manufacturers.

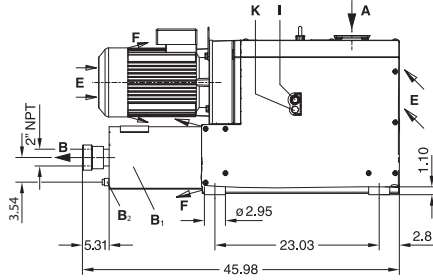
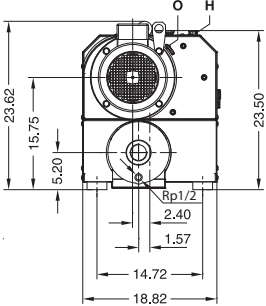
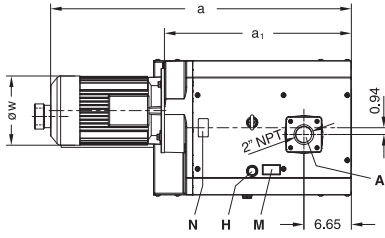
Technical information is subject to change without notice.



DIMENSIONS

NDC-0301

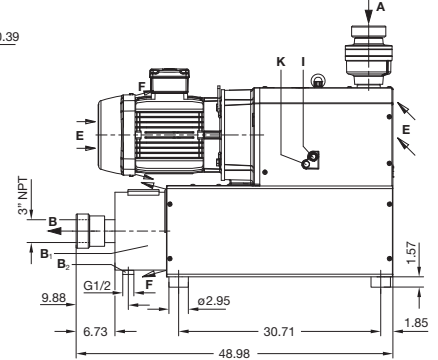
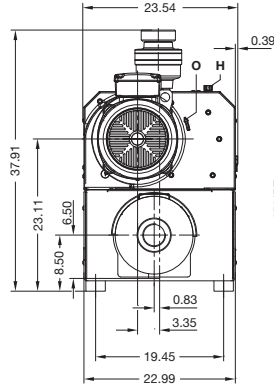
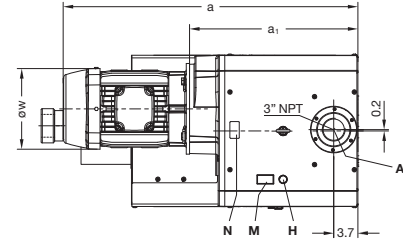
a	60 Hz	43.04
a₁	60 Hz	27.53
øW	60 Hz	10.28



A	Vacuum connection	H	Oil filling point
B	Exhaust	I	Oil sight glass
B₁	Exhaust silencer	K	Oil drain point
B₂	Condensate	M	Oil type plate
E	Cooling air entry	N	Data plate
F	Cooling air exit	O	Direction of rotation arrow

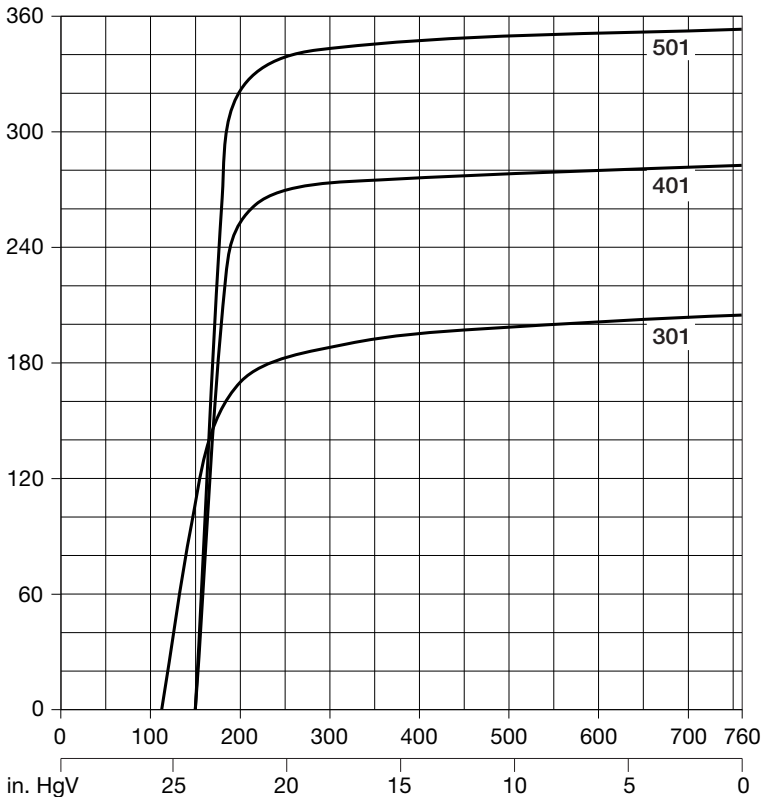
NDC-0401 & 0501

NDC		0401	0501
a	60 Hz	41.64	45.98
a₁	60 Hz	26.13	26.13
øW	60 Hz	10.28	12.96



A	Vacuum connection	H	Oil filling point
B	Exhaust	I	Oil sight glass
B₁	Exhaust silencer	K	Oil drain point
B₂	Condensate drain	M	Oil type plate
E	Cooling air entry	N	Data plate
F	Cooling air exit	O	Direction of rotation arrow

PERFORMANCE CURVE



NASH

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