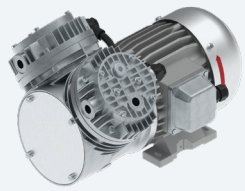
N 035.1 SERIES
VACUUM PUMPS



N 035.1 ANE

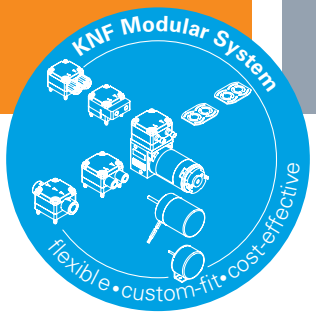
ADVANTAGES

- Versatile in vacuum applications
- Durable even with difficult operating conditions
- High chemical resistance

POSSIBLE AREAS OF USE

- Process industry
- Chemical industry

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PERFORMANCE DATA						
Series model	**N 035.1**					
Material design	**ANE**	**AVE**	**ATE**	**SNE**	**SVE**	**STE**
Pump head	Aluminum			Stainless steel		
Diaphragm	EPDM	FPM	PTFE-coated	EPDM	FPM	PTFE-coated
Valves	Stainless steel			EPDM	FPM	PTFE
Flow rate at atm. pressure (l/min)[1)]	55.0		49.5	55.0		49.5
Ultimate vacuum (mbar abs.)	100					
Permissible ambient temperature (°C)	+5 ... +40					
Permissible media temperature (°C)	+5 ... +40					
Weight (kg/lbs)	11.2/24.7			16.8/37.0		
ELECTRICAL DATA						
Voltage (V)	230					
Motor	Capacitor motor					
Protection class motor	IP 44					
Frequency (Hz)	50					
Power P_1 (W)	320					
I_{max} (A)	1.9					

[1)] Liter in the standard state (based on ISO 8788 and ISO 21360-1/2) (1000 hPa, 20°C)

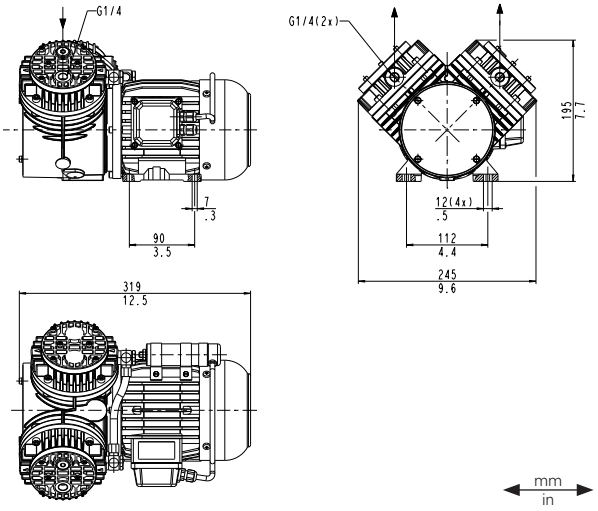
N 035.1 ANE | AVE | ATE | SNE | SVE | STE |

PERFORMANCE DATA

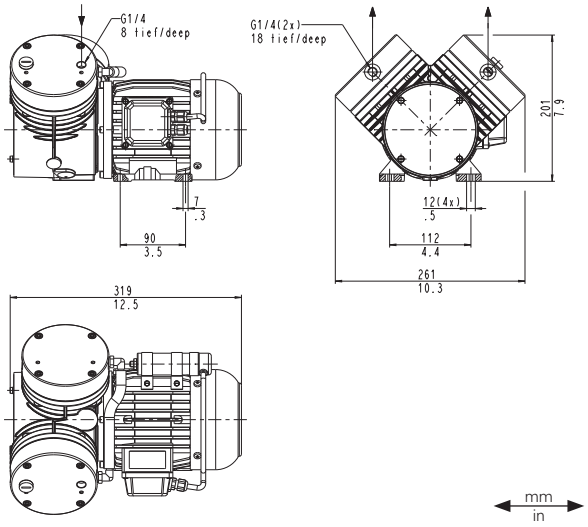
Series model	Flow rate at atm. pressure (l/min)[1)]	Max. operating pressure (bar rel./psig)	Ultimate vacuum (mbar abs.)
N 035.1 ANE	55.0	-	100
N 035.1 AVE	55.0	-	100
N 035.1 ATE	49.5	-	100
N 035.1 SNE	55.0	-	100
N 035.1 SVE	55.0	-	100
N 035.1 STE	49.5	-	100

[1)] Liter in the standard state (based on ISO 8788 and ISO 21360-1/2) (1000 hPa, 20°C)

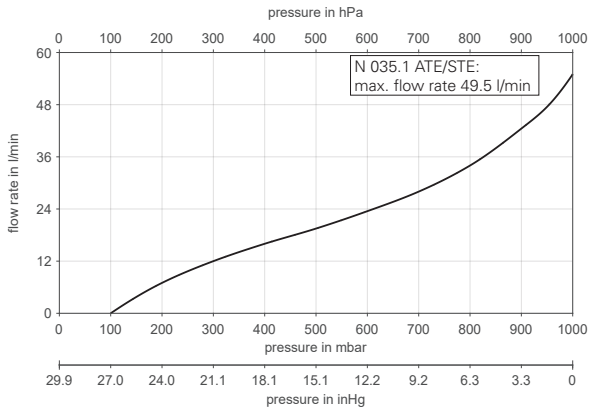
N 035.1 A_E



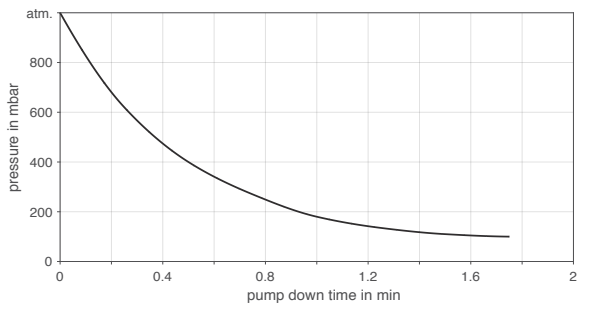
N 035.1 S_E



N 035.1 _ _E



N 035.1 ANE | PUMP DOWN TIME FOR 20 LITER VESSEL



ACCESSORIES			
Description	**Illustration**	**Part No.**	**Details**
Silencer/Inlet filter		000352	G 1/4
Fine control valve, suction side		000354	with vacuum gauge
Hose connector		000362	G 1/4, for hose ID 9
Hose connector, stainless steel		020234	G 1/4, for hose ID 9

SPARE PARTS

Description	Part No.	Details
Spare parts kit N 035.0 ANE	118972	Spare parts kit consists of: 2x diaphragm, 4x valve plate, 2x sealing, 6x screws. This set is required to maintain the pump.
Spare parts kit N 035.0 AVE	118973	Spare parts kit consists of: 2x diaphragm, 4x valve plate, 2x sealing, 6x screws. This set is required to maintain the pump.
Spare parts kit N 035.0 ATE	118974	Spare parts kit consists of: 2x diaphragm, 4x valve plate, 2x sealing, 6x screws. This set is required to maintain the pump.
Spare parts kit N 035.0 SNE	121102	Spare parts kit consists of: 2x diaphragm, 2x valve plate. This set is required to maintain the pump.
Spare parts kit N 035.0 SVE	121104	Spare parts kit consists of: 2x diaphragm, 2x valve plate. This set is required to maintain the pump.
Spare parts kit N 035.0 STE	121103	Spare parts kit consists of: 2x diaphragm, 2x valve plate. This set is required to maintain the pump.

The performance values for the series models shown on this data sheet were determined under test conditions.
The actual performance values may differ and depend in particular on the usage conditions and therefore on the specific application, on the parameters of the components involved in the user's system and on any technical modifications carried out which deviate from the standard configuration or the as delivered condition.

If individual designs have been created for specific customers on the basis of series models, other technical performance data may apply.
Before operation begins, the relevant operating instructions and/or assembly or installation instructions should be read and the safety information contained in these instructions should be noted.
KNF reserves the right to make changes to the product and the associated documentation without prior notice to the customer.

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