


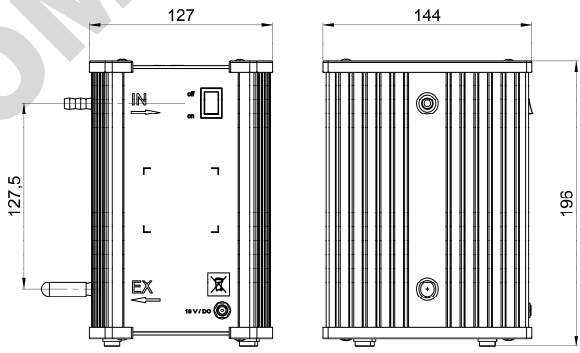
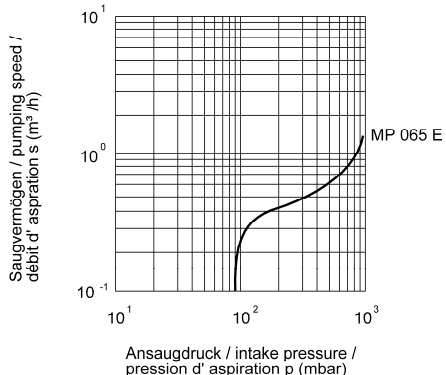
Data Sheet (EN)

Translation of the german original

Designation, Model:	Order number:
Diaphragm pump MP 065 E	411011

Figure:	Description:
	<p>The diaphragm pump MPC 065 E consists of a pump body, a drive motor and a casing. The pump body consists of an eccentric shaft, two connecting rod and two pump heads. Each pump head contains a diaphragm and two work valves. The pump heads are in each case to A and B-sides shaft end of the motor.</p> <p>The pump heads are driven via the motor and the eccentric shaft with a connecting rod. The pump is in a closed casing.</p> <p>The suction connector is designed as a hose nozzle DN 6. Under it is exhaust side installed on the hose nozzle DN 6 an exhaust damper. This can also be withdrawn as required.</p> <p>The electrical connection to the pump becomes over the plug connector.</p> <p>The diaphragm pump is switched on and off at the ON/OFF switch.</p>

Application:	Materials of the medium-affecting parts:	
<p>The Diaphragm pump M065 E is intended to:</p> <ul style="list-style-type: none"> • Pumping and compressing neutral and aggressive gases and vapours according to the resistance of the indicated materials • Generating a vacuum down to an ultimate pressure < 100 mbar • Use in physical and chemical laboratories in trade and industry • Use for vacuum drying and other vacuum technology applications 	Seals	EPDM
	Screw fittings / Connection elements	PVDF, PP
	Valves	PEEK
	Diaphragms	Elastomer with PTFE layer
	Vacuum hoses	PTFE
	Connection heads / Pump heads	PTFE with carbon-fibre reinforcing

Dimensional drawing:	Intake pressure-/Pumping speed - Diagram:
	

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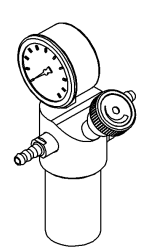

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by Gardner Denver

Technical Data:		
Parameter	Data	Unit
Pumping speed ISO 21360-1	0.7	m ³ /h
	11.6	l / min
Ultimate pressure (Basic pressure) ISO 21360-1	100	mbar
Max. inlet pressure	1	bar
Max. outlet pressure	Ambient pressure	l / min
Ambient temperature	+ 10 to + 40	°C
Max. Media temperature	≤ + 40	
Noise level DIN EN ISO 2151	< 45	dB (A)
Rated voltage	115 to 240	VAC
Rated frequency	50 / 60	Hz
Rated power	30	W
Rated voltage motor	18	VDC
Vacuum pump including housing	Protection class III (SELV)	-
Power pack	Protection class II	-
Motor - Class of insulation DIN VDE 0530	120 E	°C
Operating mode DIN VDE 0530	S 2	-
Operating time per day - permissible	6	h
Type of protection DIN EN 60529	IP 44	-
Weight	2,3	kg
Dimensions W/D/H	144 / 127 / 196	mm

Connections:		
Intake port Pump „IN“	Hose nozzle DN 6 for hose inside diameter 6 mm	-
Pressure port Pump „EX“	Hose nozzle DN 6 for hose inside diameter 6 mm with exhaust damper (removable)	-
Power pack Input - Change connector	UL / CEE / US	-
Power pack Output	2.1 / 5 (Inside-/ Outside-Ø) DC hollow plug	mm

Accessories:			
	Inline Filter Kit (DN 6 + DN 8) 2 Silicon hoses & Filter hydrophobic Order no. 404008		Vacuum-Regulator with dial gauge Model DBR-A To the installation at the side profiles of the diaphragm pumps. Pressure range 1000 - 1 mbar Vacuum connection, suction side: Hose nozzle DN 6 Order no. 700458-02
	Silicon hose Inside Diameter = 6 mm x Wall thickness = 3 mm Order no. 828374		

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