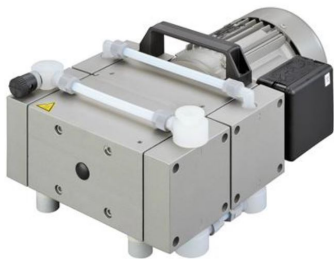


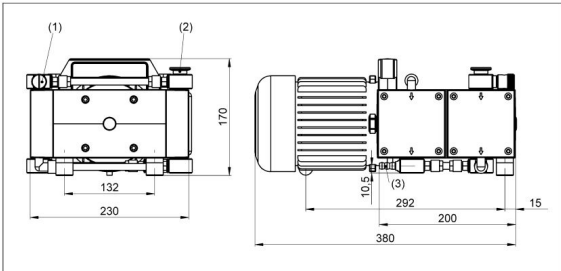
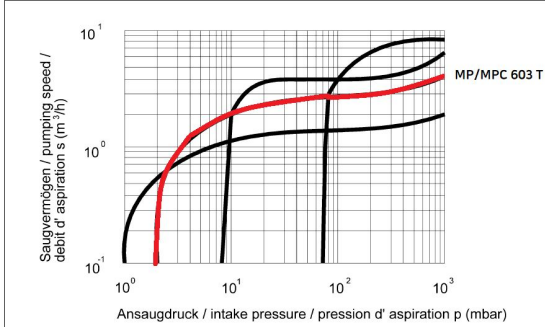
Data Sheet (EN)

Translation of the german original

Designation, Model:	Order number:
Diaphragm pumps, chemical resistant Models: MPC 603 T 230v 50/60 HZ	415743

Figure:	Description:
	The diaphragm pump consists of a pump body and a drive motor. The pump casing contains the drive unit and two pump heads. Each pump head contains a moulded diaphragm and two work valves. Both pump heads are arranged opposite each other. The pump heads are driven via an eccentric shaft with a connecting rod.

Application:	Materials of the medium-affecting pump parts:
The Diaphragm pumps MPC 603 T are intended for: - 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 < 2 mbar. - Use in physical and chemical laboratories in trade and industry. - Use for vacuum filtration, vacuum distillation and vacuum drying, and other vacuum technology applications.	- PTFE - Form moulded diaphragms - PTFE - Pump heads - PTFE - Vacuum hose - PEEK - Valves - EPDM - Seals - PVDF - Screw fittings

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

415742

Data Sheet (EN)

Translation of the german original

Technical data:			
Parameter		MPC 603 T	Unit
Pump stages		3	-
Pumping speed DIN 28432		4.5 / 4.9	m³/h
		75 / 81	l / min
Ultimate pressure	<	< 2	mbar
Ultimate pressure with gas ballast		9	
Max. Inlet-/Outlet pressure	≤1		bar
Intake port	Small flange DN 16 KF <i>optionally enclosed</i> Hose nozzle DN 8 for hose inside diameter 8 mm		-
Exhaust port	Hose nozzle DN 8 for hose inside diameter 8 mm		
Ambient temperature	+ 10 to + 40		°C
Max. Operating gas temperature	≤ + 40		
Bearing	maintenance-free		-
Reference surface sound pressure level DIN EN ISO 2151	< 44		dB (A)
Voltage	230; 115; 230/400 (generally with motor protection switch, switch and cable)		V
Frequency	50/60		Hz
Rotation speed	1500		min ⁻¹
Motor power	370		W
Operating mode	S 1		-
Type of protection DIN EN 60529	IP 54		
Class of insulation DIN EN 600034-1	F (160°C)		
Weight	18.3		kg
Dimensions W/D/H	230 / 380 / 170		mm

Accessories:			
	Vacuum Control Box Model: VCpro 601 for measuring and regulation of vacuum <i>Order no.</i> 600100		Vacuum Regulator with dial gauge Model: DBR-A with hose nozzle DN 8, Connection: G1/4" - M12 x 1 to pressure adjustment - suction side <i>Order no.</i> 700458
	Vacuum hose, Rubber 10 / 8 x 1 mm <i>Order no.</i> 828332		Exhaust silencer Connection: 1/8" <i>Order no.</i> 829901



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