


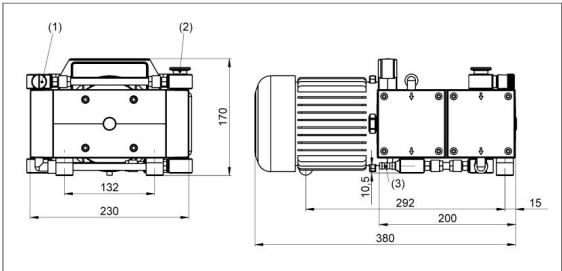
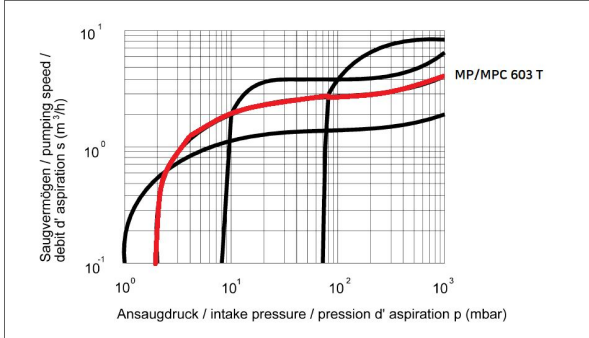
Data Sheet (EN)

Translation of the german original

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

<i>Figure:</i>	<i>Description:</i>
	<p>The diaphragm pump consists of a pump body and a drive motor.</p> <p>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.</p> <p>The pump heads are driven via an eccentric shaft with a connecting rod.</p>

<i>Application:</i>	<i>Materials of the medium-affecting pump parts:</i>
<p>The Diaphragm pumps MPC 603 T are intended for:</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 < 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. 	<ul style="list-style-type: none"> • PTFE - Form moulded diaphragms • PTFE - Pump heads • PTFE - Vacuum hose • PEEK - Valves • EPDM - Seals • PVDF - Screw fittings

<i>Dimensional drawing:</i>	<i>Intake pressure-/Pumping speed - Diagram:</i>
	


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Technical data:			
Parameter		MPC 603 T	Unit
Pump stages		3	-
Pumping speed DIN 28432		4.5 / 4.9	m ³ /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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