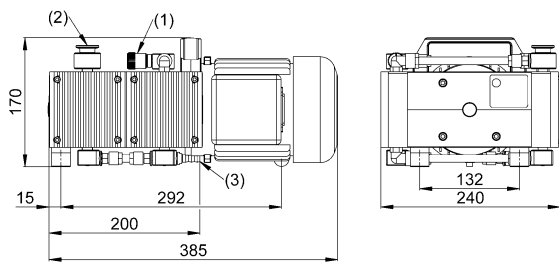
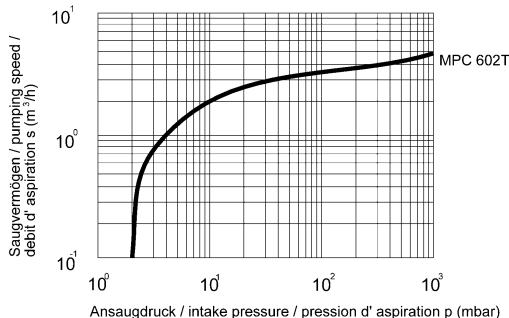


Data Sheet (EN)

Designation, Model	Order no.
Diaphragm pumps, chemical resistant Models: MPC 603 T (230V)	415743

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

Application
The Diaphragm pump MPC 603 T is intended to: - 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 < 1.5 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.

Dimensional drawing	Intake pressure- / Pumping speed - Diagram
 (1) Gas ballast valve (2) Intake port (3) Exhaust port	 Saugvermögen / pumping speed / débit d'aspiration s (m³/h) Ansaugdruck / intake pressure / pression d'aspiration p (mbar) MPC 602T

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Technical Data		
Parameter	Data	Unit
Pumping speed DIN 28432	4.0	m³/h
	66	l / min
Ultimate pressure	< 1.5	mbar
Ultimate pressure with gas ballast	4	
Max. Inlet-/Outlet pressure	1	bar
Intake port	Small flange DN 16 KF optionally enclosed: 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	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	
Motor / Class of insulation DIN EN 60034-1	F (160°C)	
Weight	17.8	kg
Dimensions W/D/H	240 / 385 / 170	mm

Accessories			
	Vacuum Control Box Model: VCpro 601 for measuring and regulation of vacuum Order no. 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 Order no. 700458
	Vacuum hose, Rubber 18 / 8 x 5 Order no. 828310-4		