

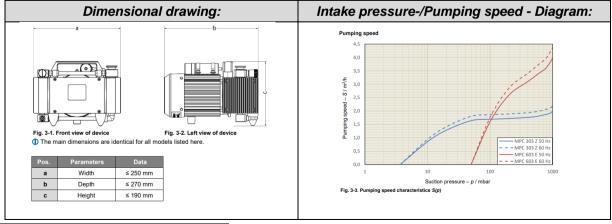
## **Data Sheet (EN)**

Translation of the german original

Designation, Model:	Order number:
Diaphragm pumps, chemical resistant  Models: MPC 303 Z 230v	415722

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 ot the medium-affecting pump parts:	
The Diaphragm pump MPC 303 Z is intended for:		
<ul> <li>Pumping and compressing neutral and aggressive gases and vapours according to the resistance of the indicated materials.</li> <li>Generating a vacuum down to an ultimate pressure &lt; 5 mbar.</li> <li>Use in physical and chemical laboratories in trade and industry.</li> <li>Use for vacuum filtration, vacuum distilla-</li> </ul>	<ul> <li>PTFE - Form moulded diaphragms</li> <li>PTFE - Pump heads</li> <li>PTFE - Vacuum hose</li> <li>PEEK - Valves</li> <li>EPDM - Seals</li> <li>PVDF - Screw fittings</li> </ul>	
tion and vacuum drying, and other vac- uum technology applications.		







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Technical data:				
Parameter	MPC 303 Z	Unit		
Pump stages	2	-		
Pumping speed DIN 28432	2.0 / 2.2	m³/h		
Tumping speed Bit 20432	33 / 36	I / min		
Ultimate pressure	< 5	mbar		
Ultimate pressure with gas ballast	8	IIIbai		
Max. Inlet-/Outlet pressure	≤1100	mbar		
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	≤ <b>+</b> 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 <sup>-1</sup>		
Motor power	180	W		
Operating mode	S 1			
Type of protection DIN EN 60529	IP 54/40	] -		
Class of insulation DIN EN 600034-1	F (160°C)			
Weight net/(gross)	11.2/(13.0)	kg		
Dimensions W/D/H	250 / 270 / 190	mm		

Accessories:						
00000000000000000000000000000000000000	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 mm <i>Order no.</i> 828310-4					



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