

DWGM-20 DWGM-30

Corrosion Resistant Diaphragm Vacuum Pump

Description

Vacuum diaphragm pump is designed according to the principle of positive displacement pump. It is driven by the motor linkage to do up and down reciprocating movement, driving the diaphragm to do the action of opening and closing, so that the volume of the diaphragm cavity changes, and the medium pressure changes, to achieve inhalation and discharge.

Features

- Widely used: rotary evaporation/vacuum drying/vacuum concentration/vacuum distillation/solid phase extraction.
- Core technology: PTFE and special material composite film has strong corrosion resistance; Improve the fatigue resistance and effectively prolong the service life of the diaphragm;
- There is no problem of oil mist pollution; Compared with rubber diaphragm, it is higher in air tightness, corrosion resistance and strength.
- Anti-hardening corrosion; No pollution, no maintenance, low noise, low vibration, overheating protection.



Specifications

Model	DWGM-20	DWGM-30
Maximum Flow rate	20L/min	30L/min
Voltage	110V/220V	
Frequency	50Hz	
Power	130W	160W
Pump head type	Double stage pump	
Ultimate vacuum	5-8mbar	
Maximum operating pressure	1bar	
Applicable medium	Strong acid and base gases	
Interface specification	10mm	
Medium and ambient temperature	5~40 °C	
Ambient relative humidity	<80%	
Pump head material	PTFE	
Composite diaphragm material	PTFE (non-standard products can be customized according to customer requirements)	
Valve disc material	FFPM (non-standard products can be customized according to customer requirements)	
Work system	Continuous work	
Noise	< 60db	< 70db
Rated speed	1450 RPM	1650 RPM
vacuum gauge	/	/
Size	315*165*210mm	315*165*210mm
Weight	11.5kg	