

Diaphragm Vacuum Pump

PG201/302 • DTC41/60

Effective pumping speed (50/60 Hz) 20/24L/min PG201 30L/min PG302 40/46L/min DTC41 60/70L/min DTC60

Ultimate pressure 1000Pa

Chemical type diaphragm type, use PTFE parts resistant to corrosion resistance

Effective pumping speed 20/30L/min type

PG201/302

- It is excellent in corrosion resistance and is suitable for sucking gas containing organic solvent.
- The ultimate pressure has reached 1,000Pa while being compact and lightweight.
- Maintenance is easy.
- PG 302 is equipped with a DC motor, the flow rate setting from 15L to 30L is possible.*1 (special dedicated controller is required separately)
- PG 302 are multi-range compatible with AC 100V to 240V. (Power cable is required separately except for 100V)

*1 0~5 V (Input impedance : 100 kΩ signal input is required.)



PG201

PG302

Specifications

| | | |
|------------------------------------|---|---|
| Product code | 255158 | 255160 |
| Model | PG201 | PG302 |
| Effective pumping speed (50/60 Hz) | 20/24L/min | 30L/min |
| Ultimate pressure | 1000Pa | |
| Motor | AC100V, 50W, 4P Capacitor run | AC 100 to 240V Brushless DC motor with sensor |
| Full load current | 1.3A | 1.5A (100V) Intake pressure : Atmospheric pressure, Rotating speed : 1290 min ⁻¹ |
| Inlet, outlet pipe diameter | O.D. 10mm × I.D. 6mm (G 1/4) | |
| Ambient temperature | 0 to 40°C | 5 to 40°C |
| Power source | AC115V/220V Single phase with step-down transformer | AC100 to 240V Single phase |
| External dimensions | W142×D272×H202mm | W142×D272×H202mm |
| Weight | Approx. 7.1kg | Approx. 5.5kg |

Effective pumping speed 40/60L/min type

DTC41/60

- It is excellent in corrosion resistance and is suitable for sucking gas containing organic solvent.
- The ultimate pressure has reached 1,000Pa while being compact and lightweight.
- Maintenance is easy.



DTC41

DTC60

Specifications

| | | |
|------------------------------------|---|---|
| Product code | 242237 | 242238 |
| Model | DTC41 | DTC60 |
| Effective pumping speed (50/60 Hz) | 40/46L/min | 60/70L/min |
| Ultimate pressure | 1000Pa | |
| Motor | AC100V, 100W, 4P Capacitor run | AC100V, 200W, 4P Capacitor run |
| Full load current (50/60 Hz) | 2.2A/2.3A | 3.8A/3.9A |
| Inlet, outlet pipe diameter | O.D. 10mm × I.D. 6mm (G 1/4) | O.D. 14mm × I.D. 9mm (G 3/8) |
| Ambient temperature | 0 to 40°C | |
| Power source | AC115V/220V Single phase with step-down transformer | AC115V/220V Single phase with step-down transformer |
| External dimensions | W155×D336.5×H217mm | W158×D340×H242mm |
| Weight | Approx. 10.3kg | Approx. 18kg |