



Oiless Diaphragm Pump to 1.3 cfm



AC Model

DC Model

Miniature Diaphragm 22D1180 Series

SHADED POLE MOTOR

20 PSI CONTINUOUS PRESSURE (25 PSI INTER.)
22" HG MAX. VACUUM, 0.66 CFM OPEN FLOW (60Hz)

PSC MOTOR

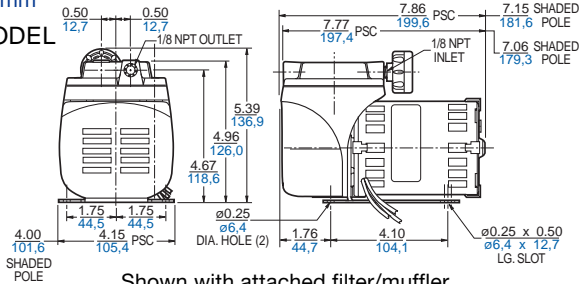
25 PSI MAX. PRESSURE, 23" HG MAX. VACUUM
0.7 CFM OPEN FLOW (60Hz)

DC MOTOR

25 PSI MAX. PRESSURE, 22.5" HG MAX. VACUUM
1.3 CFM OPEN FLOW

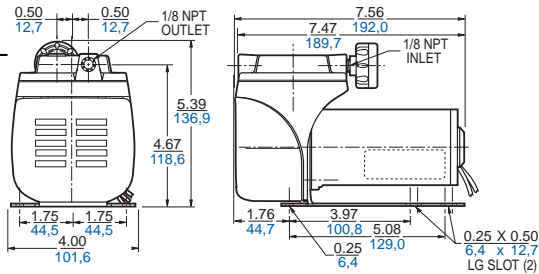
inches/mm

AC MODEL



Shown with attached filter/muffler

DC MODEL



12V & 24V units have the shorter 3.97" mtg foot dimension.
24V units also have the longer 5.08" mtg foot dimension.

PRODUCT FEATURES

- Permanently lubricated ball bearings on rod and motor drive bearing
- Rear sleeve bearing (DC 1002, 1005 models have ball bearing for higher pressure)
- Field service capability
- PSC models include attached capacitor
- Includes AJ988 filter assembly, unattached

MATERIALS OF CONSTRUCTION

- Head assembly and bracket made of polyphenylene sulfide (PPS) for excellent chemical and heat resistance
- Stainless steel valves
- Neoprene/nylon diaphragm standard
- Other diaphragm materials available

Product Specifications

Model Number	Motor	RPM	Running Amps	HP	kw	Net Wt. lbs.	Net Wt. kg
22D1180-201-1003	115-60-1*	1725	1.6	1/20	0,04	4,8	2,16
22D1180-201-1019	PSC 230-50/60-1	1725 †	0.8	1/20	0,04	5,5	2,48
22D1180-201-1002	12V DC	3200	6.2	1/8	0,09	4,9	2,21
22D1180-201-1005	24V DC	3200	3.5	1/8	0,09	4,9	2,21

*Shaded Pole

†@60 Hz – 50 Hz is 1425 RPM

RECOMMENDED ACCESSORIES

- AA640 Vacuum gauge
- AA204 Vacuum relief valve
- AA644B Pressure gauge
- AA203 Pressure relief valve
- AF584A Rubber feet (3)
- B300Q Muffler/filter (high capacity; to be used in dirty environments or when superior noise reduction is required)

Product Performance (Metric, U.S.)

AC model shows 60 Hz performance. Consult factory for 50 Hz performance

