

1" Stainless Steel Double Diaphragm Pump

Model No. DM-800DDP/SS1 • SPECIFICATIONS



DRUM-MATES® high-efficiency, industrial duty, double diaphragm stainless steel pump provides transfer of thin, medium or heavy thickness, flowable liquids. It is a self-priming pump that offers the Elima-Matic air valve system for non-stalling, lube-free performance. It has a flow rate up to 35 Gpm, is suitable for transferring any water based or petroleum based liquids compatible with stainless steel and Teflon. The pump can be made explosion proof with the DM-166GWK cable grounding kit. This pump is also available in aluminum, Hastelloy C, PVDF (Kynar), Polypropylene or Acetal, with a choice of ½", 1.5" or 2" discharge ports.

Optional Accessories

- > Drum or tank transfer pick-up tube
- > DM-166GWK explosion-proof kit
- > Liquid dispensing hose
- > Hand dispensing nozzles (AL, 316SS, PP, Acetyl)



Specifications

Choose from the pumps below to display the corresponding specifications.

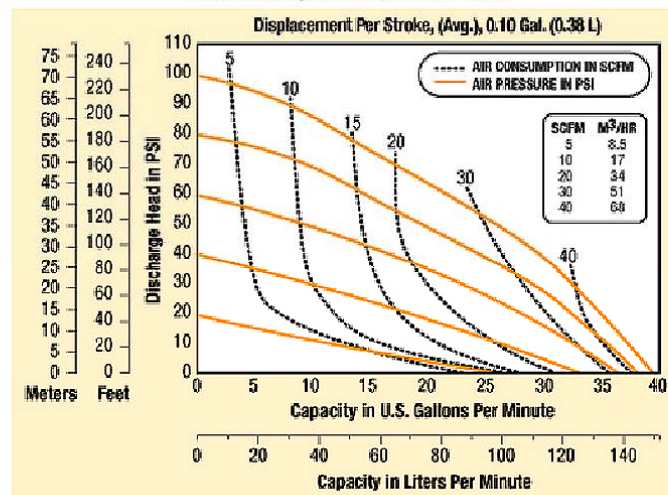
Bolted Metallic

	English	Metric
Flow Rate		
adjustable to	0-35 gpm	0-132 lpm
Port Size		
Inlet	1.0" Female NPT (BSP)	
Discharge	1.0" Female NPT (BSP)	
Air Inlet	0.375" NPTF	
Air Exhaust	0.50" NPT	
Suction Lift		
15' Dry/25' Wet (4.57m/7.62m)		
Teflon®: 10' Dry/20' Wet (3.05m/6.10m)		
Max. Particle Size		
(Diameter)	0.125"	3.17mm
Shipping Weight		
Aluminum	31 lbs	14.07 kg
Stainless	42 lbs	19.05 kg
Hastelloy C	42 lbs	19.05 kg

Performance Chart

Bolted Metallic

Determined by actual flow meter tests.



Note: For E1 pumps fitted with Teflon® diaphragms, reduce water discharge figures by 20%. Suction lift is reduced to 10' (3.05m) dry and 20' (6.10m) wet.

Caution: Do not exceed 125 psig (8.5 bars) air supply or liquid pressure.

UL Listed Models Available

WARNING: Explosion proofing permitted when installed by a trained electrical engineer or professional to NFPA Code #77.
CAUTION: Do not exceed 125 Psig (8.5 bars) air supply or liquid pressure. For maximum performance use a filter-regulator.