

# Pompe à membrane DUPLEX II

## Données techniques :

Design de la pompe	Pompe à membrane
Débit (modèles haute pression)	8,32 l/min
Débit (modèles basse et moyenne pression)	6,05 l/min
Pression	Jusqu'à 6,89 bar
Raccords	3/8" NPT femelle
Tensions d'alimentation	12 & 24 VDC 115 & 230 VAC
Fréquences	50/60 Hz pour les modèles AC
Hauteur d'aspiration à sec	Jusqu'à 2,4 m
Différents pressostats	15, 30, 45, 60, 80 & 100 PSI
Matériaux en contact avec les liquides	Polypropylène, Viton®, Buna ou EPDM
Poids	2,28 Kg
Pression maximale de fonctionnement	6,8 bar

### Caractéristiques

Auto-amorçage jusqu'à 2,4 m  
Peu fonctionner à sec sans dommages  
Matériaux chimiquement résistant  
By-pass interne en standard  
Clapet anti-retour intégré  
Roulement pour fonctionnement intensif  
Modèles aux normes UL, CSA & CE disponibles

### Applications

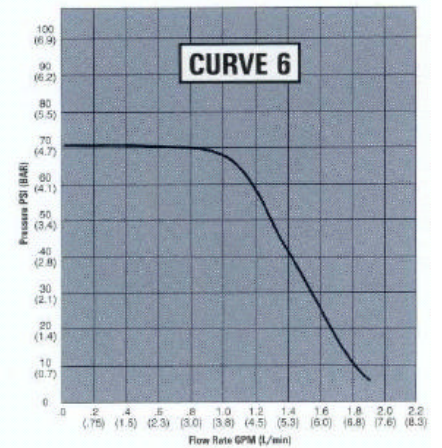
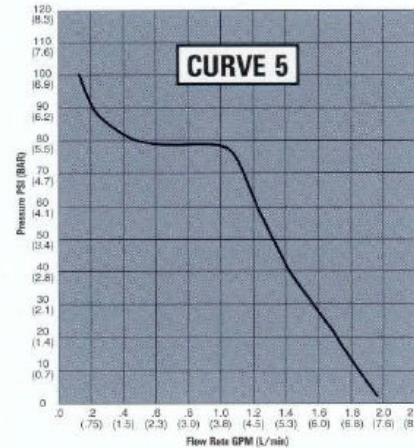
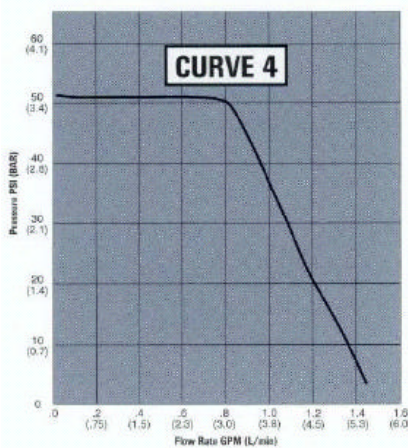
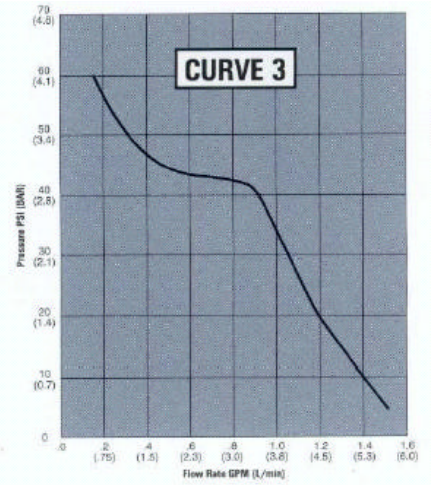
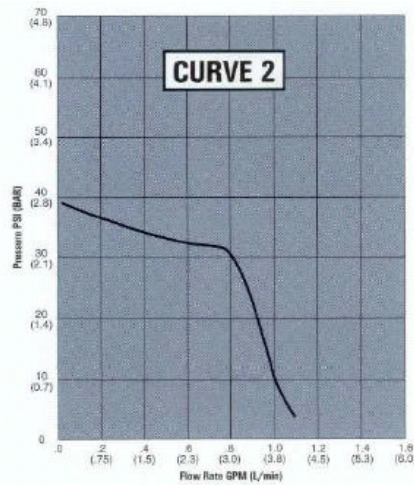
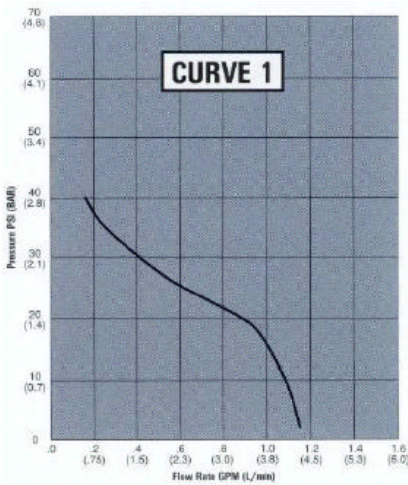
Pulvérisation  
Pressurisation  
Distribution, Transfert  
Filtration  
Systèmes portables, embarqués  
Agroalimentaire, industriel  
Alimentaire

# Courbe de débit :

Duplex II Standard Models							
Low Pressure (Up to 40 psi)	Demand Pump	D3	_____	21*	_____	3011	(Reference Curve #1)
			(x)		(y)		
	Bypass Pump	D3	_____	21*	_____	1211	(Reference Curve #2)
			(x)		(y)		
Medium Pressure (Up to 60 psi)	Demand Pump	D3	_____	31*	_____	5011	(Reference Curve #3)
			(x)		(y)		
	Bypass Pump	D3	_____	31*	_____	1311	(Reference Curve #4)
			(x)		(y)		
High Pressure (Up to 100 psi)	Demand Pump	D3	_____	35	_____	7011	(Reference Curve #5)
			(x)		(y)		
	Bypass Pump	D3	_____	35	_____	1411	(Reference Curve #6)
			(x)		(y)		

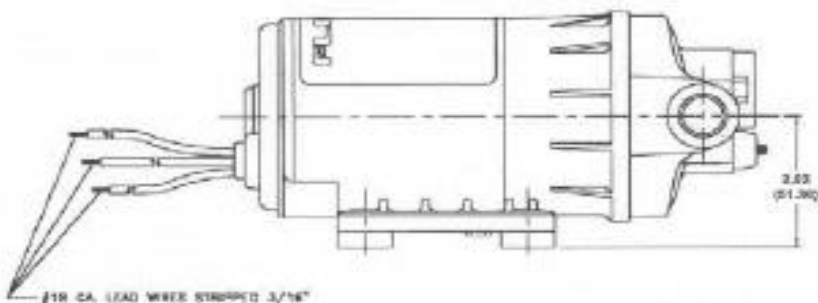
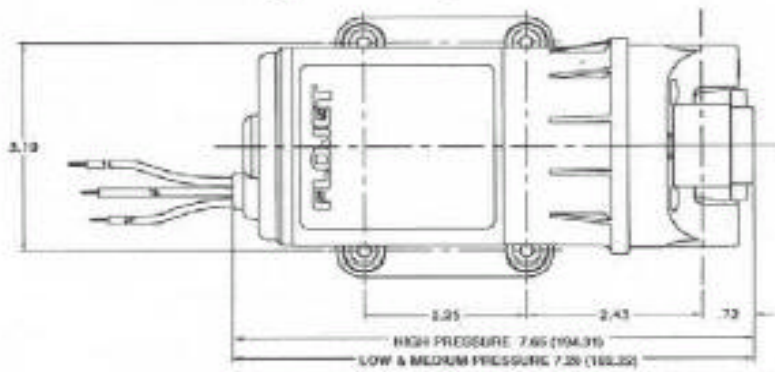
x \_\_\_\_\_ 1 for 12 VDC                      y \_\_\_\_\_ V for Viton® Check Valves and Viton® Diaphragm  
                   6 for 115 VAC, 50/60 HZ                      (Viton not available in high pressure diaphragm pump)  
                   7 for 230 VAC, 50/60 HZ                      B for Buna Check Valves and Buna Diaphragm  
                   (See 230 V Notes)                                      E for EPDM Check Valves and EPDM Diaphragm

**Note:** All 230 V pumps have CE mark and full RFI suppression. This is denoted by the "RL" suffix in the model number.  
 Contact Flojet for 230 V pumps with partial and no suppression.  
 \* Replace "1" with "2" for 230 V pumps.



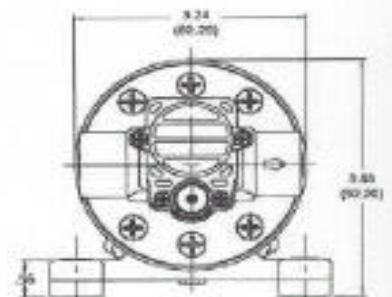
## Dimensions / Illustrations

### Bypass Pump

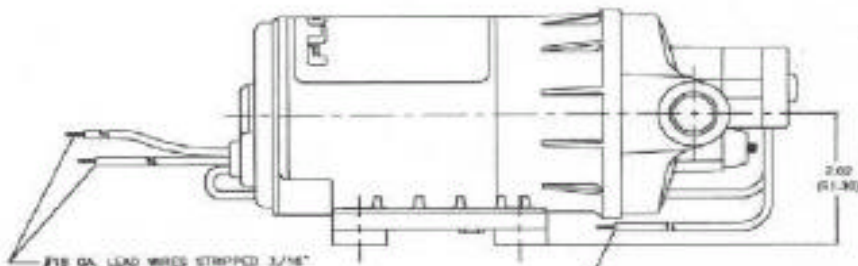
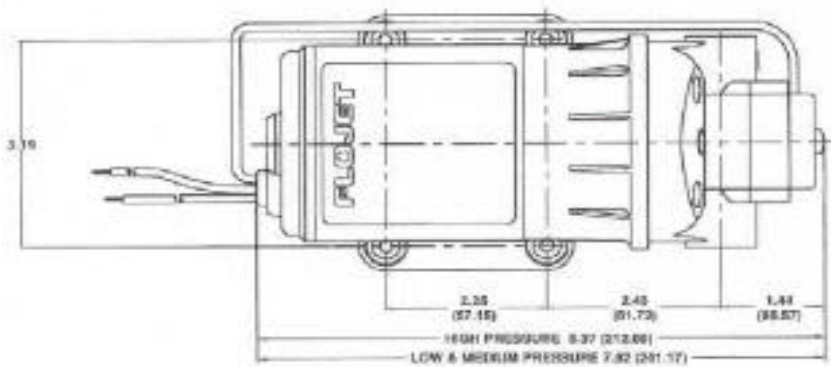


Ø18 GA. LEAD WIRES STRIPPED 3/16"

BLACK/BROWN	LINE	12"±2"
WHITE/BLUE	NEUTRAL	12"±2"
GREEN/YELLOW	GROUND	14"±2"



### Demand Pump



Ø18 GA. LEAD WIRES STRIPPED 3/16"

WHITE/BLUE	NEUTRAL	12"±2"
GREEN/YELLOW	GROUND	14"±2"

Ø18 GA. LEAD WIRES STRIPPED 3/16"  
BLACK/BROWN LINE 7'±1"

