



Improving your PERFORMANCE

## 323E/D e 323E/4D Pompe a velocità variabile con controllo manuale

### Caratteristiche

- The 323E/D gives higher flows, the 323E/4D lower pulsation
- Fino a 2000 ml/min from three-roller 323E/D
- Fino a 1600 ml/min from four-roller 323E/4D
- Controllo digitale della velocità da 15 a 400rpm in passi di 5rpm, Rapporto di controllo velocità 27:1
- High visibility digital display and membrane keypad
- Compact design, chemical resistant case, contemporary styling
- Zero maintenance, quiet brushless DC motor
- Rapid and simple tube loading flip-top pumphead
- Le testine di estensione 313X con attacco a baionetta consentono fino a sei canali
- Alternative pumpheads



314DW four roller pumphead for lower pulsation, 1.6mm wall thickness tube

313DW2 three roller pumphead, 2.4mm wall tube for higher suction and delivery pressure

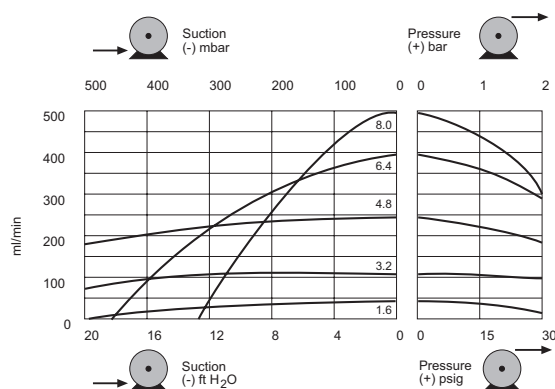
314DW2 four roller pumphead, 2.4mm wall tube for higher suction and delivery pressure

313X three roller and 314X four roller extension pumpheads for 1.6mm wall tube

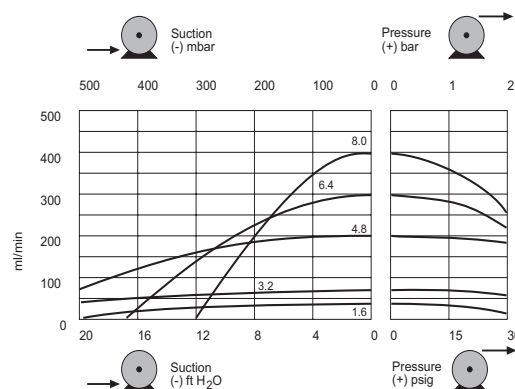


### Portate (ml/min)

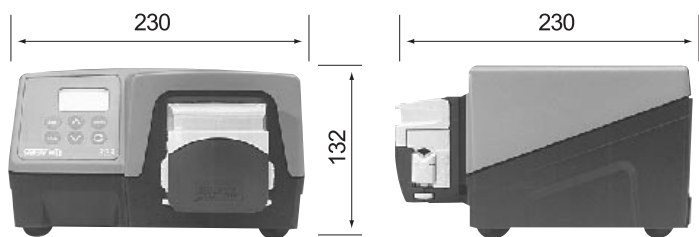
	Diametro tubo e portate (ml/min)							
	Velocità rpm	0.5mm	0.8mm	1.6mm	3.2mm	4.8mm	6.4mm	8.0mm
Testa 323E/D (3 rulli)	15 - 400	0.45-12	1.1-28	4.1-110	15-400	33-880	54-1400	75-2000
Testa 323E/4D (4 rulli)	15 - 400	0.45-12	0.90-24	3.8-100	13-340	29-760	45-1200	60-1600



Testa 313 (3 rulli) a 100rpm



Testa 314 (4 rulli) a 100rpm



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Codici		
323E/D 15-400rpm	Testine + 313D tre rulli	030.3124.3D0*
313E 15-400rpm	Testine	036.3124.000*
313DW	Testina 3 rulli for 1.6mm wall tube	033.3451.000
313X	Testina di estensione a tre rulli for 1.6mm wall tube (massimo 5)	033.3431.000
313DW2	Testina 3 rulli for 2.4mm wall tube	033.3551.000
314DW	Testina 4 rulli for 1.6mm wall tube	033.4451.000
314X	Testina di estensione a quattro rulli for 1.6mm wall tube (massimo five)	033.4431.000
314DW2	Testina 4 rulli for 2.4mm wall tube	033.4551.000

\*Sostituire l'ultimo 0 con **A**, **E** o **U** per rete elettrica **americana**, **europea** o **britannica**

If required for use with STA-PURE and Chem-Sure tubing, please contact Watson-Marlow Bredel technical support for drive and pumphead selection.

Dimensioni				
Diam. (mm)	Bioprene	Marprene	Perossido Silicone	PVC
0.5 / 1.6	903.0005.016	902.0005.016	913.A005.016	
0.8 / 1.6	903.0008.016	902.0008.016	913.A008.016	
1.6 / 1.6	903.0016.016	902.0016.016	913.A016.016	950.0016.016
3.2 / 1.6	903.0032.016	902.0032.016	913.A032.016	950.0032.016
4.8 / 1.6	903.0048.016	902.0048.016	913.A048.016	950.0048.016
6.4 / 1.6	903.0064.016	902.0064.016	913.A064.016	950.0064.016
8.0 / 1.6	903.0080.016	902.0080.016	913.A080.016	950.0080.016
1.6 / 2.4	903.0016.024	902.0016.024	913.A016.024	
3.2 / 2.4	903.0032.024	902.0032.024	913.A032.024	
4.8 / 2.4	903.0048.024	902.0048.024	913.A048.024	
6.4 / 2.4	903.0064.024	902.0064.024	913.A064.024	
Diam. (mm)	Neoprene	STA-PURE®	Chem-Sure®	Fluorel®
0.8 / 1.6	920.0008.016			970.0008.016
1.6 / 1.6	920.0016.016	960.0016.016	965.0016.016	970.0016.016
3.2 / 1.6	920.0032.016	960.0032.016	965.0032.016	970.0032.016
4.8 / 1.6	920.0048.016	960.0048.016	965.0048.016	970.0048.016
6.4 / 1.6	920.0064.016	960.0064.016	965.0064.016	970.0064.016
8.0 / 1.6	920.0080.016	960.0080.016	965.0080.016	970.0080.016
1.6 / 2.4		960.0016.024	965.0016.024	
3.2 / 2.4		960.0032.024	965.0032.024	
4.8 / 2.4		960.0048.024	965.0048.024	
6.4 / 2.4		960.0064.024	965.0064.024	

® Fluorel è un marchio registrato da Dyneon LLC, 3M Hoechst Enterprise

® STA-PURE e Chem-Sure è una marchio registrato da W.L Gore & Associates Inc.  
Please state the product code when ordering pumps and tubing.

### Specifiche

<b>Peso</b>	4.7kg
<b>Temperatura lavoro</b>	5°C - 40°C
<b>Massima rumorosità</b>	<70dB a 1m
<b>Rapporto Standards</b>	27:1 CE, IEC335-1, EN60529 (IP31)
<b>Alimentazione</b>	100-120V, 220-240V 50/60Hz, 1ph 100VA

### Testa

<b>Drive</b>	
<b>Drive base</b>	Powder coated aluminium casting
<b>Drive top</b>	Self-coloured ABS plastic
<b>Pumphead</b>	
<b>Body rear</b>	Glass filled polypropylene
<b>Body front, body front extension</b>	IXEF
<b>Mounting plate, track and lever</b>	IXEF
<b>Rotor, tube clamp</b>	Glass filled Nylon
<b>Mounting plate locking tab</b>	Glass filled Nylon
<b>Rollers</b>	MoS2 filled Nylon 6 (Nylatron)
<b>Spindles</b>	Electroless nickel plated, hardened steel
<b>Fixings</b>	Stainless steel
<b>Bearings</b>	Carbon steel - main shaft Sintered bronze - rollers



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