



Improving your PERFORMANCE

## 621I/RE4 variable speed close coupled pump

### Technical information and features

- Flow rates from 0.25 litre/min to 12.7 litre/min, pressures up to 4 bar (60psi)
- Rugged IP55 AC motor for industrial environments
- 10:1 and 5:1 electronic speed control from stand alone Siemens compact vector inverters
- Electronic speed control enables remote start/stop, analogue and RS485 speed control, fast braking and protection against overheating
- All pumpheads have tool unlocking with safety interlock option
- 620RE4 four-roller low pulsation pumphead with CIP/SIP rotor
- Rapid snap-fit tube loading, 620RE4 pumphead accepts both 12mm and 17mm industrial and sanitary LoadSure™ elements
- Two years comprehensive warranty



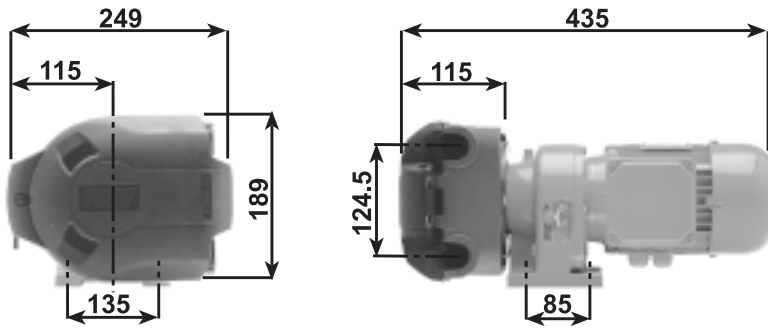
### 621I/RE4 (litre/min)

LoadSure™ element material	Speed range (rpm)	LoadSure™ 12mm	LoadSure™ 17mm
Marprene TM, Bioprene TM	8-77 / 50-251	0.25-2.43 / 1.58-7.91	0.33-3.17 / 2.06-10.3
Marprene TL, Bioprene TL	8-77 / 50-251	0.25-2.43 / 1.58-7.91	0.38-3.63 / 2.36-11.8
Silicone	8-77 / 50-251	0.26-2.53 / 1.65-8.26	0.34-3.28 / 2.13-10.7
Neoprene, STA-PURE	8-77 / 50-251	0.27-2.60 / 1.69-8.48	0.40-3.89 / 2.53-12.7

Note: 621I drive can also be fitted with the 625L high accuracy low pulse pumphead.

### Tube life for 620RE and 620R two roller pumpheads with water @ 20C 100rpm rotor speed

Bioprene TL / Marprene TL	6000
STA-PURE	6000
Neoprene	430
Silicone	230
Butyl	100
Tygon	90
Viton	70



## 621I/RE4 variable speed close coupled pump

Product codes		
621I/RE4 77 rpm 251 rpm	Drive + four roller pumphead for LoadSure™ elements	060.8522.E40 060.8552.E40
620RE4 620RE 620R	Pumphead Pumphead Pumphead	063.0431.000 063.0231.000 063.0211.000

LoadSure™ tube element codes for 620RE4 and 620RE pumpheads						
	12mm DIN 15	12mm Tri-clamp 3/4"	17mm DIN 15	17mm Tri-clamp 3/4"	12mm Cam and Groove 3/4"	17mm Cam and Groove 3/4"
STA-PURE	960.0120.PFD	960.0120.PFT	960.0170.PFD	960.0170.PFT	-	-
Bioprene TM	903.M120.PFD	903.M120.PFT	903.M170.PFD	903.M170.PFT	-	-
Bioprene TL	903.0120.PFD	903.0120.PFT	903.0170.PFD	903.0170.PFT	-	-
Plat Silicone	913.0120.PFD	913.0120.PFT	913.0170.PFD	913.0170.PFT	-	-
Marprene TM	-	-	-	-	902.M120.PPC	902.M170.PPC
Marprene TL	-	-	-	-	902.0120.PPC	902.0170.PPC
Per Silicone	-	-	-	-	910.0120.PPC	910.0170.PPC
Neoprene	-	-	-	-	920.0120.PPC	920.0170.PPC

### Specification

<b>Weight</b>	621F/RE4: 19.0kg (not including inverter)
<b>Operational temperature range</b>	5°C to 40°C
<b>Noise</b>	Max <75dBA at 1m
<b>Standards</b>	CE, BS0800, IEC335-1, EN60529 (IP55)
<b>Supply</b>	230V 1ph 50/60Hz

### Materials of construction

<b>Drive:</b>	
<b>Motor</b>	Aluminium
<b>Gearbox</b>	Cast iron

### 620RE4, 620RE, 620R pumpheads

<b>Track</b>	Aluminium LM24M powder coated
<b>Guard</b>	Outer layer - Polyurethane PBA Inner shell - Grilamid TR55
<b>Guard catch</b>	EN34 case hardened Xlan 5200 coated

<b>Rotor:</b>	
<b>Hub and roller arms</b>	Fortron 1140L4 (PPS)
<b>Cover</b>	Dupont Hytel G5544
<b>Main rollers</b>	Stainless steel 304
<b>Main roller bearings</b>	Carbon steel
<b>Guide rollers</b>	Nylatron
<b>Tube clamp sets</b>	Polypropylene



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