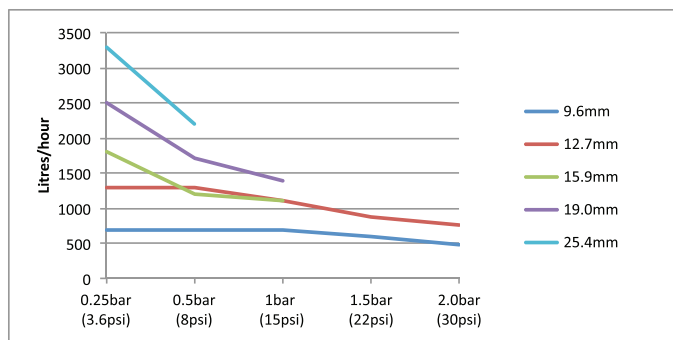
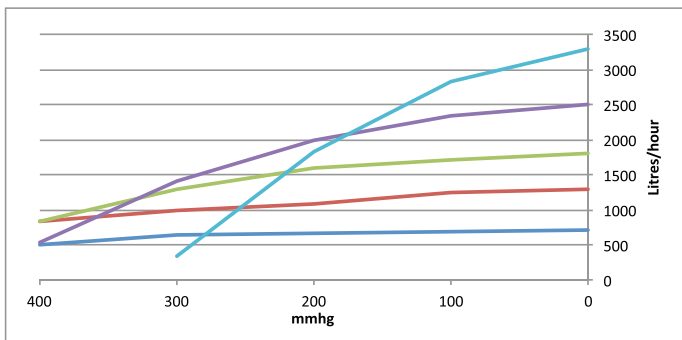


PERFORMANCE

| 720 cased pumps' performance limits | | | | | | | | | | |
|---|-------------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|--------------------|------------------|--------------------|
| Twin pumphead (720R/RX, 720RE/ REX) | 0.25 bar (3.6psi) | | 0.5 bar (8psi) | | 1 bar (15psi) | | 1.5 bar (22psi) | | 2 bar (30psi) | |
| | Max speed (rpm)* | Max flow | Max speed (rpm)* | Max flow | Max speed (rpm)* | Max flow | Max speed (rpm)* | Max flow | Max speed (rpm)* | Max flow |
| 9.6mm (0.4") | 300* | 700 L/hr (185 GPH) | 300* | 700 L/hr (185 GPH) | 300* | 700 L/hr (185 GPH) | 250 | 590 L/hr (156 GPH) | 200 | 470 L/hr (124 GPH) |
| 12.7mm (0.5") | 300* | 1300 L/hr (343 GPH) | 300* | 1300 L/hr (343 GPH) | 250 | 1100 L/hr (291 GPH) | 200 | 870 L/hr (230 GPH) | 175 | 760 L/hr (201 GPH) |
| 15.9mm (0.6") | 300* | 1800 L/hr (476 GPH) | 200 | 1200 L/hr (317 GPH) | 175 | 1100 L/hr (291 GPH) | | | | |
| 19.0mm (0.7") | 300* | 2500 L/hr (660 GPH) | 200 | 1700 L/hr (449 GPH) | 160 | 1390 L/hr (366 GPH) | | | | |
| 25.4mm (1.0") | 300* | 3300 L/hr (872 GPH) | 200 | 2200 L/hr (581 GPH) | | | | | | |

*The maximum speed is reduced at increased discharge pressures to ensure safe running of the pump



SPECIFICATIONS

| 720SN, 720UN, 720DuN | |
|----------------------|---|
| Ingress rating | IP66 / NEMA 4X |
| Enclosure | Watertight / dustproof |
| Suitability | Corrosion resistant for heavy industrial environments |
| Humidity | Condensing 10-100% RH |
| Temperature | 5C to 40C (40F to 104F) |
| Pump weight | 31.5kg (69lb 7oz) |
| Control ratio | 3,600:1 |
| Torque rating | Max 2.5Nm (shaft, x 4 at pumphead) |
| Noise | < 85dB(A) at 1m |
| Standard | CE, cETLus |
| Power supply | 100-120V/200-240V 1ph 50/60Hz, 350vA |

MATERIALS OF CONSTRUCTION

| Component | Material |
|-------------------------------|---|
| Keypad | Polyester |
| Switch-plate | ABS PA-765 |
| Rear blanking plate | Stainless steel 316 |
| Drive casework | Pressure die-cast aluminium (top - LM6, base - LM24) |
| Casework and pumphead coating | Alocrom pre-treatment, exterior grade polyester powder coat |
| Drive shaft | Stainless steel 440C |
| Pumphead body/ track | Aluminium |
| Rotor end plates | Aluminium |
| Rollers | MOS2 filled nylon 6 (Nylatron) |
| Springs/spindles | Stainless steel |

ORDER INFORMATION

| Product codes | | | |
|---------------|---------------|----------------------|--------------|
| Description | Partcode | Description | Partcode |
| 720SN/RE/REX | 070.413N.E00* | 720REX pumphead only | 073.2014.000 |
| 720UN/RE/REX | 070.414N.E00* | | |
| 720DuN/RE/REX | 070.415N.E00* | | |
| Leak detector | 079.6131.E00 | | |

* Supplied as 2.4 metre mains lead without plug. To specify an American 2.8m mains lead, please replace the last zero with the mains lead code A. For example - 070.413N.E0A is a 720SN/RE pump with American mains lead.

| Element codes | | | | | | | | |
|---------------|---|--------------|--------------|---------------------------------|--|--------------|--------------|------------------------------------|
| | LoadSure Industrial elements 3/4" Cam and Groove PP connectors | | | 1" Cam and Groove PP connectors | LoadSure Sanitary elements 3/4" Tri-clamp style PVDF connectors | | | 1" Tri-clamp style PVDF connectors |
| | 12.7mm | 15.9mm | 19.0mm | 25.4mm | 12.7mm | 15.9mm | 19.0mm | 25.4mm |
| Marprene | 902.0127.PPC | 902.0159.PPC | 902.0190.PPC | 902.0254.PPC | | | | |
| Pumpsil | 913.A127.PPC | 913.A159.PPC | 913.A190.PPC | 913.A254.PPC | 913.A127.PFT | 913.A159.PFT | 913.A190.PFT | 913.A254.PFT |
| Neoprene | 920.0127.PPC | 920.0159.PPC | 920.0190.PPC | 920.0254.PPC | | | | |
| Bioprene | | | | | 933.0127.PFT | 933.0159.PFT | 933.0190.PFT | 933.0254.PFT |
| STA-PURE PCS | | | | | 960.0127.PFT | 960.0159.PFT | 960.0190.PFT | 960.0254.PFT |

All flow rates shown were obtained pumping water at 20C (68F) with zero suction and delivery heads. Watson-Marlow, Bioprene and Marprene are trademarks of Watson-Marlow Limited. Disclaimer: The information contained in this document is believed to be correct but Watson-Marlow Limited accepts no liability for any errors it contains, and reserves the right to alter specifications without notice. LoadSure is a trademark of Watson-Marlow Limited. © STA-PURE PFL and © STA-PURE PCS are registered trademarks of W.L Gore & Associates Inc. Please state the product code when ordering pumps and tubing.

**WATSON
MARLOW
Pumps**

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