



UNIQUE NEW PUMP



Minichem
Unique design,
outstanding
performance.

FLO^oasia

FLOASIA PTE LTD

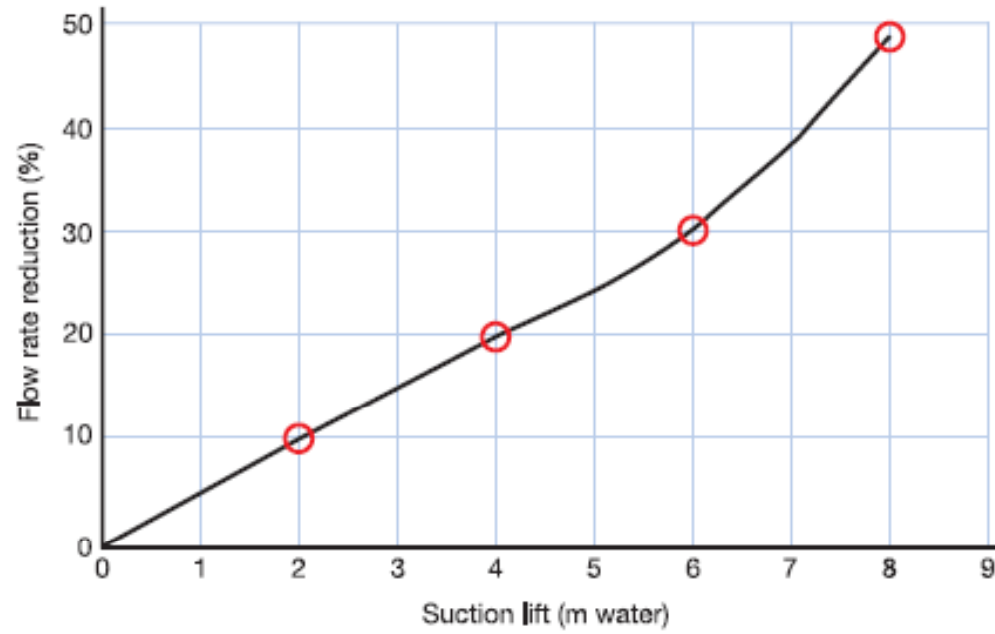
Tel: 6756 2033

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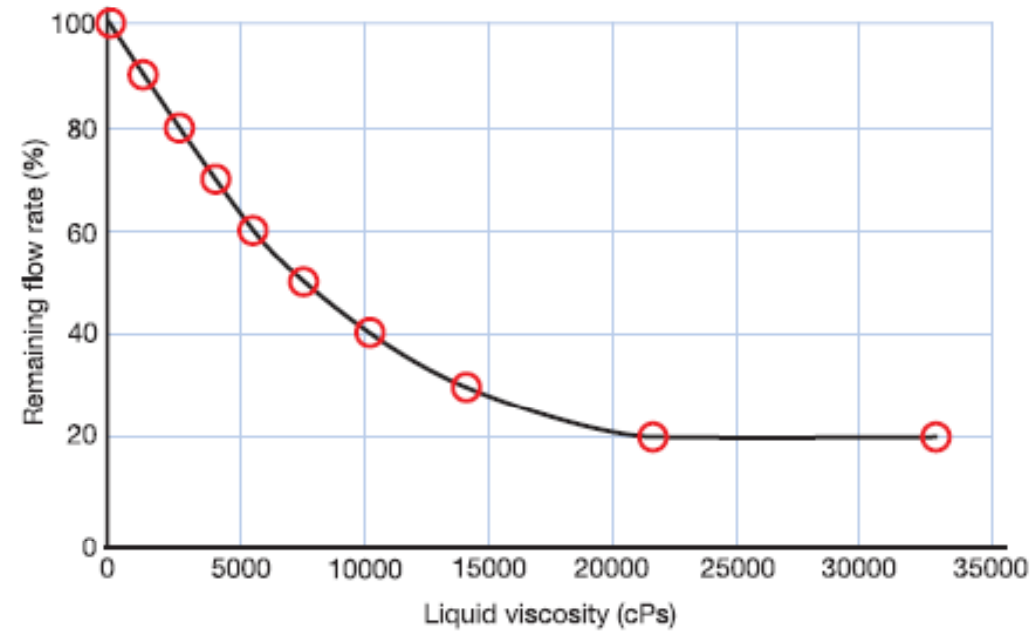
Email: sales@fpl-asia.com

URL: www.fpl-asia.com

Flow rate reduction for increased suction lift



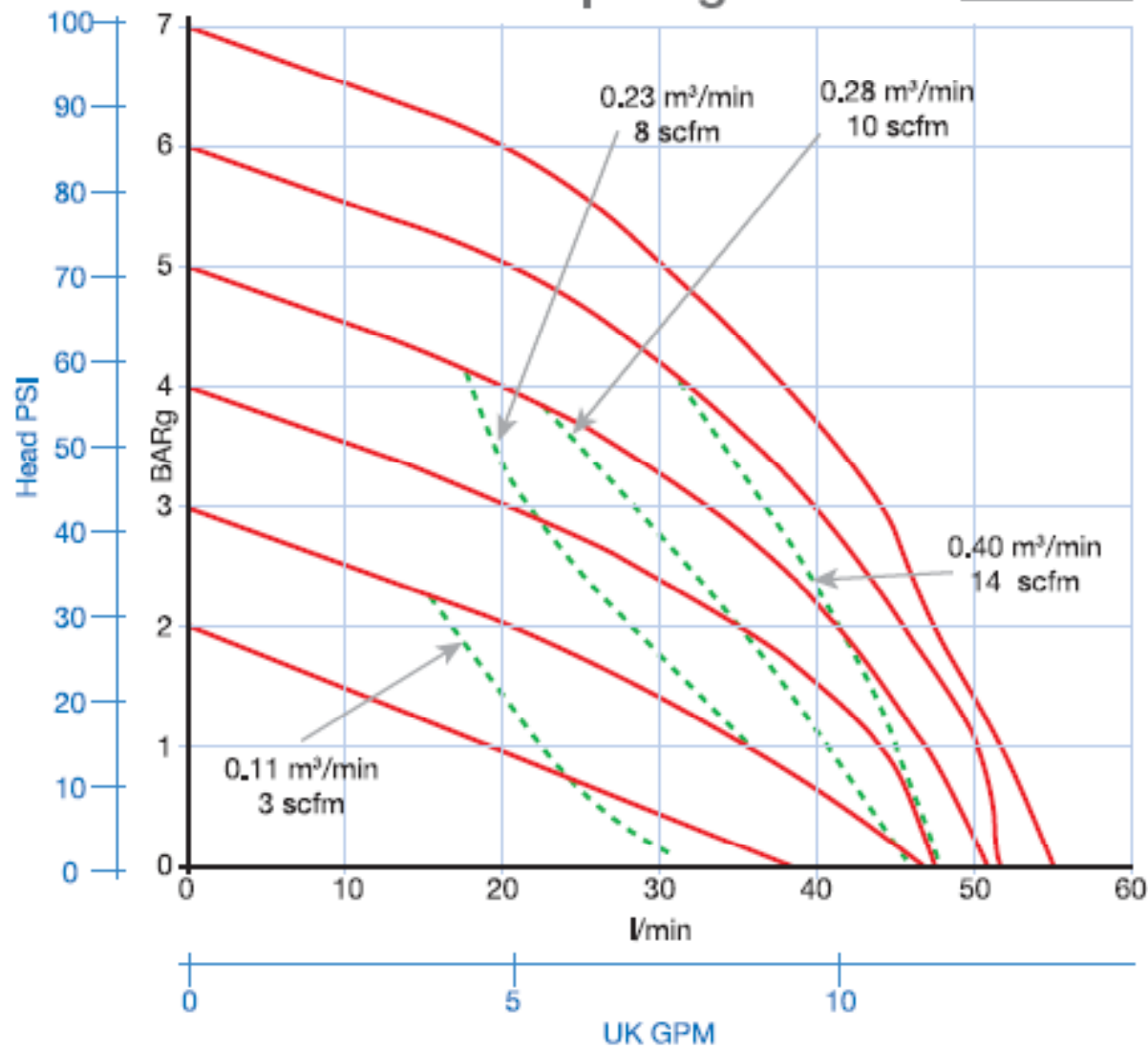
Remaining flow rate for viscous fluids



EXAMPLE FLOW RATES

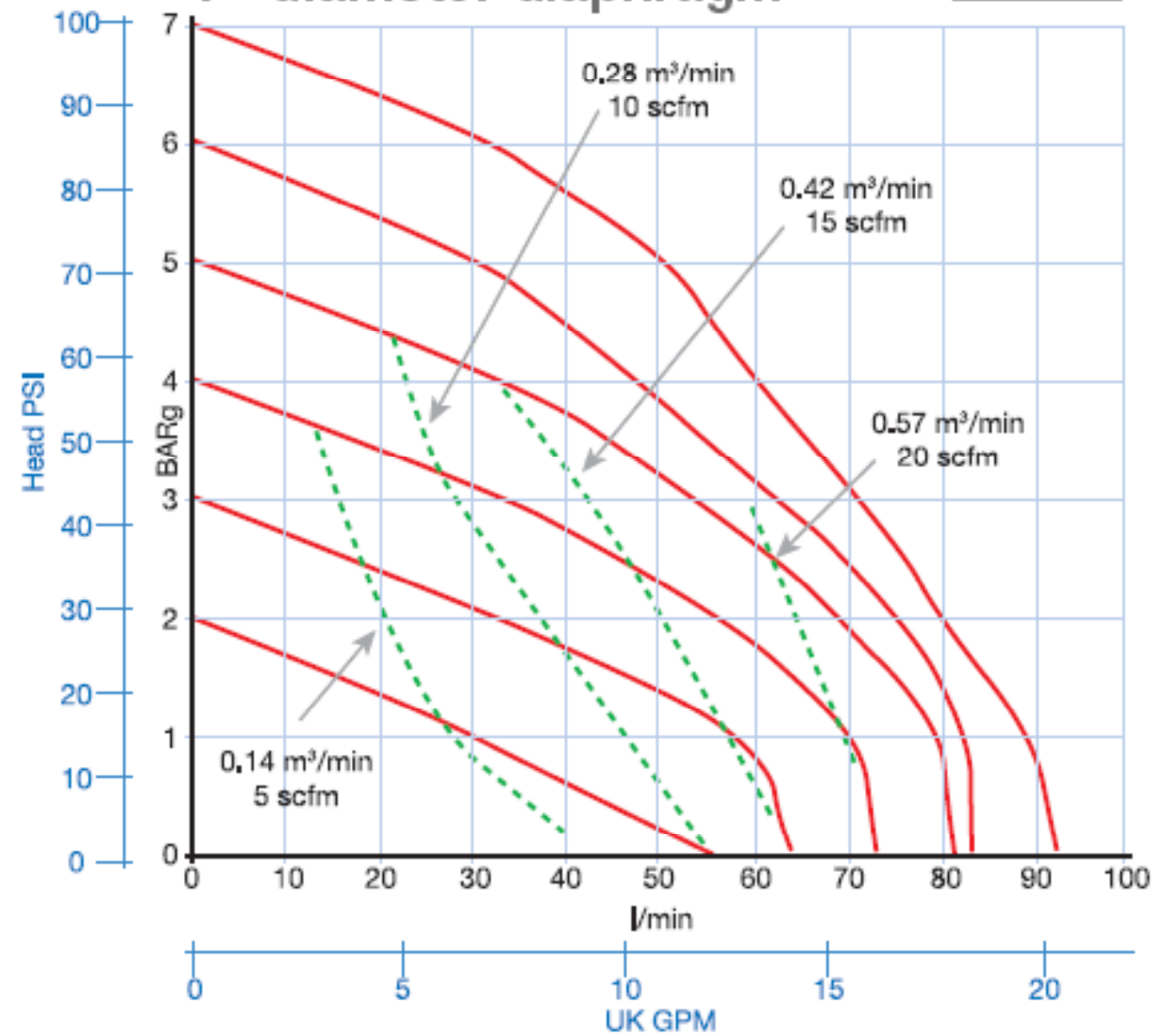
7" diameter diaphragm

1/2"



7" diameter diaphragm

1"



The unique NEW Flotronic Minichem pump – considerable customer benefits at a relatively low cost

Flotronic's PTFE Chemflo range enjoys a well-deserved reputation for the safe, efficient and cost-effective transfer of aggressive chemicals at the high-end of the duty range (up to 600 ltr/min).

Now customers can enjoy all the benefits of Flotronic's 'ONE-NUT' design when transferring aggressive chemicals at lower flow rates - up to 100 ltr/min and just as cost-effectively - with the fantastic new Flotronic Minichem pump.

Totally new design

Flotronic have developed a totally new and unique pump.

The Minichem is machined from one solid block of PTFE. Crucially, it is based on the traditional air-operated double diaphragm design – but has no separate manifolds and so no manifold seals and obvious leak paths.

The Minichem is able to transfer aggressive chemicals and other hazardous materials at low 50 litre and 100 litre flow rates through 1/2" and 1" connections respectively. Because it is machined from a solid block of PTFE, there is no need for the stainless steel housing and other components like separate top and bottom manifolds normally associated with Flotronic's higher flow rate Chemflo pumps.

Another great benefit of the new pump is that its 'ONE-BLOCK' approach enhances still further the ease of maintenance benefit which Flotronic's 'ONE-NUT' design so effectively pioneered. This is because other nuts normally found in Flotronic pumps, such as those holding separate manifolds in place, have been made obsolete. Minichem maintenance can therefore focus on the 'ONE-NUT' disassembly and on the ball valves only when necessary.



Benefits of the new 'Minichem' include:

- 'ONE-NUT' technology and ease of maintenance for the low-end aggressive chemical duty range
- ability to handle aggressive chemicals and other products at temperature
- absence of separate manifolds giving greater pump integrity, fewer parts to go wrong or wear out and ease of maintenance
- affordability
- ultra safety
- flange as well as thread connectivity, so compatible with existing PTFE-lined pipe work
- all external parts in polypropylene or stainless steel
- an ATEX approved version where required (FDA approved anti-static).



Environmental Protection

If you require Diaphragm Rupture Protection Barriers and Alarm Systems please ask for brochure Guardian/1995

Flotronic Pumps are compliant to ATEX 94/MEC regulations IA, IB and Gas Group IIC. Flotronic's commitment to high quality management of the processes that create and control our products has been recognised in achievement of ISO 9001 accreditation, the internationally recognised standard for the quality management of businesses.



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