

Pumping Corrosive and Abrasive Liquids at Achema

Wanner International will display its full range of Hydra-Cell diaphragm pumps at Achema 2015 on Stand L53 Hall 8 with the theme: "Hydra-Cell seal-less pump technology... Its different". The unique and advantageous differences will be highlighted in product displays, working demonstrations and cutaway pump models.

Compact in size, Hydra-Cell pumps have a seal-less design that eliminates leaks, hazards and the expense associated with replacing dynamic rotary seals and packing. They can operate with a closed or blocked suction line and run dry indefinitely without damage, eliminating downtime and associated repair costs.

API 674 configurations of Hydra-Cell pumps are also available as are versions with ATEX Cat 2 Zone 1 & Cat 3 Zone compliance.

The Hydra-Cell metering and dosing range will also be featured, with focus on the electronic and mechanical adjustment control options now available.

Exceeding the performance requirements of API 675 in terms of repeatability, linearity and steady state accuracy, the Hydra-Cell with multiple diaphragms in a single pump head configuration generates virtually pulse-less flow, removing the need for pulsation dampeners in most applications.

The unique, high efficiency multi-diaphragm design is claimed to handle abrasives with less wear than gear, screw or plunger pumps. Low energy requirement and minimal maintenance needs also contribute to the claim that Hydra-Cell pumps have the lowest total cost of ownership in many applications.

Further information from:

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Note:

Wanner is the world's leading manufacturer of seal-less, high-pressure, diaphragm pumps. These Hydra-Cell pumps are highly efficient, heavy duty pumps used for liquid transfer, metering, injection, spraying and dosing of the widest range of liquids including chemicals, solvents, acids, hydrocarbons, natural gas liquids, alkalis, polymers, aqueous ammonia, resins, slurries, wettable powders recycled or dirty liquids etc.

Hydra-Cell positive displacement, unique multi-diaphragm, seal-less pumps can handle corrosive, non-lubricating and abrasive liquids and slurries and can even run dry without suffering damage.
