

New seal-less high-flow pump from Wanner

A new, seal-less, hydraulically balanced diaphragm pump from Wanner offers flow rates up to 366 lpm at pressures up to 103 bar. Hydra-Cell T100E pumps are 'packing-free' and designed to replace horizontal multi-stage centrifugal pumps and packed triplex plunger pumps.

With multiple-diaphragms in a single pump head, Hydra-CellT100E pumps eliminate hazardous emissions and clean-up and disposal costs of packed-pump leakage. The design also eliminates the need for external lubrication as well as the plunger wear problems associated with packing.

Leak-free Hydra-Cell T100 Series pumps can run dry without damage, will operate with a closed or blocked suction line, and can pump abrasive fluids effectively.

These performance features are claimed to enable the T100E pumps to compete successfully with conventional plunger pumps by offering a lower cost of ownership and reduced maintenance needs, while providing longer service life.

Initially intended for such applications as salt water disposal, injection and hydraulic lift in the oil and gas industry, Hydra-Cell T100E pumps are already finding favour in other bulk transfer applications and in steam generation.

Further information from:

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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, wetttable 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.