



Hydra-Cell T80 Series “Packing-Free” Pumps

Hydra-Cell T80 Series pumps feature an exclusive seal-less diaphragm design that eliminates packing and plunger wear, leakage, external lubrication, and emission - resulting in lower costs of ownership and maintenance as well as longer service life than traditional packed pumps.



Model T8030

Maximum Operating Speed

@ 450 rpm:

891 bpd

26 gpm

98 l/min

Maximum Discharge Pressure:

5000 psi (345 bar)

Maximum Power Required:

93 hp (69 kW)

Manifold Material:

Nickel Aluminum Bronze (NAB)

Model T8045

Maximum Operating Speed

@ 450 rpm:

1543 bpd

45 gpm

170 l/min

Maximum Discharge Pressure:

3000 psi (207 bar)

Maximum Power Required:

93 hp (69 kW)

Manifold Material Options:

Nickel Aluminum Bronze (NAB)

316L Stainless Steel

Model T80100

Maximum Operating Speed

@ 450 rpm:

3258 bpd

95 gpm

359 l/min

Maximum Discharge Pressure:

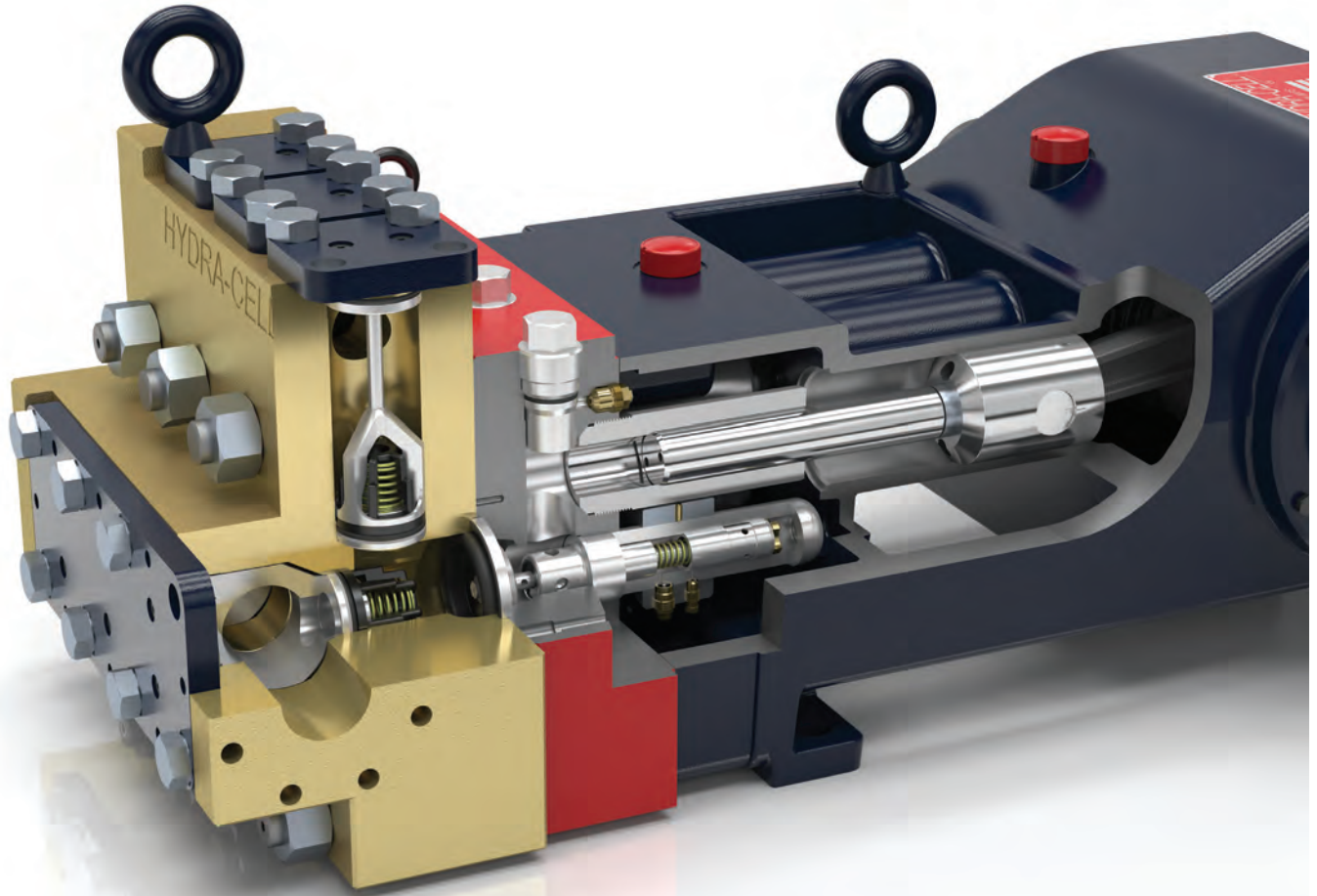
1440 psi (99 bar)

Maximum Power Required:

93 hp (69 kW)

Manifold Material:

Nickel Aluminum Bronze (NAB)



T80 Series High-pressure Pumps with an Exclusive Seal-less Diaphragm Design

- Seal-less design separates the power end from the process fluid end, eliminating leaks, hazards, and the expense associated with seals and packing
- Low NPSH requirements allow for operation with a vacuum condition on the suction - positive inlet pressure is not necessary
- Can operate with a closed or blocked suction line and run dry indefinitely without damage, eliminating downtime and repair costs
- Unique diaphragm design handles more abrasives with less wear than gear, screw or plunger pumps
- Hydraulically balanced diaphragms to handle high pressures with low stress
- Provides low-pulse, linear flow due to its multiple diaphragm design
- Lower energy costs than centrifugal pumps and other pump technologies
- Rugged construction for long life with minimal maintenance
- Compact design and double-ended shaft provides a variety of installation options



Due to the Wanner Engineering Continuous Improvement Program, specifications and other data are subject to change.

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